

**DUPLICATE**

SUBMIT IN DUPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1425.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.

4-463

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

Natural Buttes Unit

8. FARM OR LEASE NAME

Natural Buttes Unit

9. WELL NO.

Natural Buttes Unit No. 52

10. FIELD AND POOL, OR WILDCAT

Natural Buttes Field

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Section 30-T9S-R22E

12. COUNTY OR PARISH | 13. STATE

Utah | 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  DIVISION OF ZONE

2. NAME OF OPERATOR

Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR

P. O. Box 749, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface  
2122' FSL / 754' FWL

At proposed prod. zone

SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 15 miles SE of Ouray, Utah.

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

754'

16. NO. OF ACRES IN LEASE

591.44

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.

2440

19. PROPOSED DEPTH

7000'

20. ROTARY OR CABLE TOOLS

Rotary

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

5010 Ungr. Gr.

22. APPROX. DATE WORK WILL START\*

January 15, 1981

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	200'	125 sacks
8-3/4", 7-7/8"	4-1/2"	11.6#	7000'	Circulate cement back to surface.

Fresh Water Aquifers will be protected when the long string is run and cement is circulated back to surface.

Please see the following supplemental information:

- (1) 10-Point Program
- (2) 13-Point Program
- (3) BOP Schematic
- (4) Survey Plat

Gas Well Production Hookup to follow on Sundry Notice.

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 R. F. Boswell TITLE Senior Engineer DATE December 15, 1980

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY [Signature] TITLE FOR E. W. GUYNN DISTRICT ENGINEER DATE MAR 19 1981

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

\*See Instructions On Reverse Side

NOTICE OF APPROVAL  
State O+G

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

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

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Coastal Oil and Gas Corporation  
 Project Type Gas Well Drilling  
 Project Location 2122' FSL 754' FWL Section 30, T. 9S, R. 22E  
 Well No. Natural Buttes Unit #52 Lease No. U-463  
 Date Project Submitted December 19, 1980

FIELD INSPECTION

Date February 4, 1981

Field Inspection  
 Participants

<u>Greg Darlington</u>	<u>USGS, Vernal</u>
<u>Cory Bodman</u>	<u>BLM, Vernal</u>
<u>Larry England</u>	<u>BLM, Vernal</u>
<u>Floyd Murray</u>	<u>D.E. Casada Construction</u>
<u>Dempsey Day</u>	<u>Coastal Oil and Gas Corporation</u>

Related Environmental Documents: Unit Resource Analysis, Seep Ridge Planning Unit, BLM, Vernal

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.

February 9, 1981  
 Date Prepared

Gregory Darlington  
 Environmental Scientist

I concur  
2/17/81  
 Date

E. S. [Signature]  
 District Supervisor

PROPOSED ACTION:

Coastal Oil and Gas Corporation proposes to drill the Natural Buttes Unit #52 well, a 7000 foot test of the Wasatch Formation for gas. A new access road of about 500 foot length will be an 18 foot wide crowned road with drain ditches along either side where needed. A pad and area of operations 250 feet by 400 feet and a reserve pit 75 feet by 150 feet would be required for the proposed project. The reserve pit would be contoured to avoid an existing drainage, this would essentially consist of shifting the northeast side of the pit 50 feet to the northeast and keeping the northeast dimensions 75 by 150 feet. New surface disturbance would be about 2.8 acres. A 400 foot long gas flowline will be built on an 18 foot right of way to connect to an existing surface flowline northeast of the location.

RECOMMENDED CONDITIONS OF APPROVAL:

Drilling should be allowed provided the operator agrees to incorporate the following measures into the APD and drilling plans and adhere to them:

1. Lease Stipulations
2. BLM Stipulations
3. Adequate logs will be furnished as requested by the Mineral Evaluation Report and Mining Report.

FIELD NOTES SHEET

Date of Field Inspection: February 4, 1981

Well No.: 52 Natural Bottes Unit

Lease No.: U-463

Approve Location:

Approve Access Road:

Modify Location or Access Road: Shift reserve pit 50 feet NE  
to avoid drainage. Pit 75 X 150 size will be adequate.

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography) Considerable network involved

Water source might be Mountain Fuel Bridge rather  
than O. way as in APD, I forgot to ask. Gently sloping  
hillside with numerous rocky outcrops. A coastal  
rig was located about a mile away on another coastal  
location.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety							1, 2, 4, 6	2-4-81	
2. Unique charac- teristics							1, 2, 4, 6	2-4	
3. Environmentally controversial							1, 2, 4, 6	2-4	
4. Uncertain and unknown risks							1, 2, 4, 6	2-4	
5. Establishes precedents							1, 2, 4, 6	2-4	
6. Cumulatively significant							1, 2, 4, 6	2-4	
7. National Register historic places							1, 6	2-4	
8. Endangered/ threatened species							1, 6	2-4	
9. Violate Federal, State, local, tribal law							1, 2, 4, 6	2-4	

## 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
8. *USGS conditions of approval.*



*Northwest View  
NBU # 52 Coastal Oil + Gas*



# United States Department of the Interior

IN REPLY REFER TO

T & R  
U-802

BUREAU OF LAND MANAGEMENT  
VERNAL DISTRICT OFFICE  
170 South 500 East  
Vernal, Utah 84078

February 9, 1981

Ed Guynn, District Engineer  
USGS, Conservation Division  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

Re: Coastal Oil & Gas Corp.  
Well # 42 Sec 25 T10S.  
R20E U-4476  
Well # 52 Sec 30 T9S R22E  
U-463  
Well # 58 Sec 27 T10S R22E  
U-473, Uintah County, Utah

Dear Sir:

A joint field examination was made on February 4, 1981 of the above referenced well site locations and proposed access roads. We feel that the surface use and operating plans are adequate with the following stipulations.

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes, shall be in accordance with surface use standards as set forth in the brochure, "Surface Operating Standards for Oil and Gas Exploration and Development."
2. Traveling off access road right-of-ways will not be allowed. The maximum width of access roads (both existing and planned) will be 30 feet total disturbed area, except where backslope and fills require additional area. Turn-outs will not be required.
3. The BLM must be contacted at least 24 hours prior to any construction activities.
4. The BLM must be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding and resoration requirements.
5. Burn pits will not be constructed. There will be no burning or burying of trash or garbage at the well sites. Refuse must be contained and hauled to an approved disposal site.



6. A wire mesh or web type fence will be used around the reserve pits.
7. It was agreed to by all parties present that the applied-for pad demensions are adequate to handle all drilling and fracturing operations.
8. The demensions of all the reserve pits were reduced from 200 feet by 100 feet to 150 feet by 75 feet.

Site Specific:

#42 and #52 The top 4 to 6 inch of top soil will be collected and stored near referenced corner #6.

#52 This office has no objections to the proposed flow line provided no surface blading is done and we are contacted prior to the installation of said line.

#58 The top 6 to 8 inches of top soil will be collected and stockpiled between referenced corners #7 and #8.

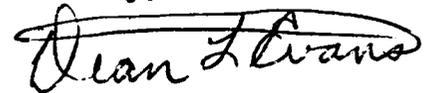
An archaeological clearance has not been received by this office for Well #42 and it's access road. No surface disturbance is permitted until this is accomplished.

For Wells #52 and #58 an archaeological clearance will not be required based on our statistical samples.

The proposed activities do not jeopardize listed, threatened or endangered flora/fauna or their habitats.

The BLM representative will be Cory Bodman, 789-1362.

Sincerely,



Dean L. Evans  
Area Manager  
Bookcliffs Resource Area

cc: USGS, Vernal

COASTAL OIL & GAS CORP.

13 Point Surface Use Plan

for

Well Location

N.B.U. #52

Located In

Section 30, T9S, R22E, S.L.B.& M.

Uintah County, Utah

COASTAL OIL & GAS CORP.  
N.B.U. #52  
Section 30, T9S, R22E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach COASTAL OIL & GAS CORP., well location site N.B.U. #52, located in the NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 30, T9S, R22E, S.L.B. & M., Uintah County, Utah; proceed Westerly out of Vernal, Utah along U.S. Highway 40 - 14 miles to the junction of this road and Utah State Highway 209; proceed South along Utah State Highway 209 - 7 miles more or less, to the junction of this Highway and Utah State Highway 88; proceed South along Utah State Highway 88 - 10 miles to Ouray, Utah; proceed along South on a county road, known as the Seep Ridge Road;  $\pm$  8.3 miles to the junction of this road and an oil field service road to the East; proceed Easterly along this road 8.2 miles to the junction of this road and a road to the Southeast; proceed Southeasterly along this road 1.4 miles to the junction of this road and the point that the proposed access road (to be discussed in Item #2). leaves the existing road and proceeds in a Southerly direction to the proposed location site.

The Highways mentioned in the foregoing paragraph are bituminous surfaced roads to Ouray, Utah at which point the County road is surfaced with native asphalt, to the oil field service road.

The aforementioned dirt oil field service road and other roads in the vicinity are constructed out of native materials that are prevalent to the areas they are located in and range from clays to a sandy-clay shale material.

There is no anticipated construction on any portion of the above described roads. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase, completion phase, and the production phase of this well at such time that production is established.

The roads that are required for access during the drilling phase, completion phase, and production phase, of this well, will be maintained at the standards required by the B.L.M. or other controlling agencies.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing road described in Item #1 in the SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 30, T9S, R22E, S.L.B. & M., and proceeds in a Southerly direction 0.1 mile to the proposed location site.

In order to facilitate the anticipated traffic flow necessary to drill and produce this well, the following standards will be met:

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any runoff from normal meteorological conditon that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 $\frac{1}{2}$  to 1 slopes and terraced.

COASTAL OIL & GAS CORP.  
N.B.U #52  
Section 30, T9S, R22E, S.L.B. & M.

2. PLANNED ACCESS ROAD - cont...

The road will be centerline flagged prior to the commencement of construction.

There will be no culverts required along this access road.

The grade of this road is relatively flat however the maximum grade will not exceed 8%. This road will be constructed from native borrow accumulated during the construction.

There will be no turnouts required along this road.

There are no fences encountered along this access road.

There will be no cattlequards required along this road.

The terrain that this access road traverses is relatively flat.

The vegetation of this route consists of sparse amounts of sagebrush, rabbit-brush, some grasses, and cacti with large areas that are devoid of vegetation.

3. EXISTING WELLS

There are five production wells within a one mile radius of this location site. Three COASTAL OIL & GAS CORP. wells and two C.I.G.E. wells. See Topographic Map "B" for the location of these wells relative to the proposed location.

There are no water wells, abandoned wells, temporarily abandoned wells, disposal wells, drilling wells, shut-in wells, injection wells, monitoring or observation wells, for other resources located within a one mile radius of this location site.

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

At the present time there are other COASTAL OIL & GAS CORP. production facilities, and gas gathering lines.

There are no tank batteries, oil gathering lines, injection lines or disposal lines within a one mile radius.

In the event the production of this well is established the existing area of the location will be utilized for the establishment of the necessary production facilities.

The total area that is needed for the production of this well will be fenced and cattlequards will be utilized for access to these facilities.

The area will be built if possible, with native materials and if these materials are no available then the necessary arrangements will be made to get them from private sources.

COASTAL OIL & GAS CORP.  
N.B.U #52  
Seciton 30, T9S, R22E, S.L.B. & M.

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES - cont...

The proposed gas flow line will be an 18' right of way which will run in a Northeasterly direction approximately 400' to an existing above ground pipe line located in the NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 30, T9S, R22E, S.L.B. & M. (See Topographic Map "B").

If there is any deviation from the above, all appropriate agencies will be notified

Rehabilitation of disturbed area no longer needed for operations after construction is completed will meet the requirements of Item #10.

5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "A".

Water to be used for the drilling and production of this well will be hauled from the White River in Section 4, T9S, R20E, S.L.B. & M. approximately 16.3 miles by road North of the proposed location site. This water will be hauled by truck over existing roads and the proposed access road.

All regulations and guide lines will be followed and no deviations will be made unless all concerned agencies are notified.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

The native material that will be used in the construction of this location site and access road will consist of sandy-clay soil and sandstone and shale material gathered in actual construction of the road and location.

7. METHODS FOR HANDLING WASTE DISPOSAL

A reserve pit shall be constructed, and at least half of the depth of the reserve pit shall be below the existing ground surface. All trash and flammable materials will be contained in a portable basket. Non-flammable material such as cuttings, salts, chemicals, etc., will be buried in the reserve pit and covered with a minimum of four feet of earth material. Prior to the onset of drilling, the burn pit will be fenced on three sides. Upon completion of drilling the fourth side of the reserve pit will be fenced and allowed to dry completely before backfilling and reclamation are attempted.

COASTAL OIL & GAS CORP.  
N.B.U. #52  
Section 30, T9S, R22E, S.L.B.& M.

7. METHODS FOR HANDLING WASTE DISPOSAL -cont...

A portable chemical toilet will be supplied for human waste.

All produced oil from this well will be contained in the storage tank and will be sold. Water if any which is produced will be run into a reserve pit as required in the NTL-2B Regulations.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached location Layout Sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site and road.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest Sanitary Landfill. The reserve pit will be completely fenced and allowed to dry before covering. When restoration activities have been completed, the location site and access road shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area - (See Topographic Map "A").

The area slopes from the rim of the Book Cliff Mountains to the South to the White River to the North, and is a portion of the Roan Plateau. The area is interlaced with numerous canyons and ridges which are extremely steep with numerous ledges formed in sandstone, conglomerates, and shale deposits.

The majority of the washes and streams in the area are non-perennial in nature with the only two in the area having a year roundflow being Willow Creek to the West

COASTAL OIL & GAS CORP.  
N.B.U #52  
Section 30, T9S, R22E, S.L.B.& M.

11 OTHER INFORMATION - cont...

and the White River to the North, of which the numerous washes, draws and non-perennial streams are tributaries to the White River.

The majority of the surrounding drainage are of a non-perennial nature with normal flow limited to the early spring and extremely rare heavy thunderstorms, or rain storms of high intensity that lasts over an extended period of time and are extremely rare in nature as the normal annual precipitation is only 8".

All drainages in the immediate area are non-perennial streams and flow to the North and are tributaries to the White River.

The soils of this semi-arid area are of the Uintah Formation and Duchesne River Formation (the Fluvial Sandstone and Mudstone) from the Eocene Epoch and Quaternary Epoch (gravels surfaces) and the visible geologic structure consists of light brownish-gray clays (OL) to sandy soils (SM-ML) with poor gravels and shales with outcrops of rock (sandstone, mudstone, conglomerates, and shales).

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area are common of the semi-arid region we are located in and in the lower elevations of the Uintah Basin. It consists of, as primary flora, areas of sagebrush, rabbitbrush, some grasses, and cacti, and large area of bare soils devoid of any growth in the areas away from and in the vicinity of non-perennial streams and along the areas that are formed along the edges of perennial streams, cottonwood, willows, tamarack sagebrush, rabbitbrush, grasses, and cacti can be found.

The fauna of the area is sparse and consist predominantly of the mule deer, coyotes, pronghorn antelope, rabbits, and varieties of small ground squirrels and other types of rodents, and various reptiles common to this area.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays,

The area is used by man for the primary purpose of grazing domestic livestock.

The Topography of the Immedate Area - (See Topographic Map "B").

N.B.U. #52 location site sits on a relatively flat area.

The geologic structure of the location is of Uintah Formation and consists of light brownish-gray clay (SP-CL) with some sandstone outcrops.

The ground slopes from the West and South through the location to the East and North at approximately a 2% grade into a small non-perennial drainage which drains to the Northeast into Sand Wash which drains to the North into the annually flowing White River.

The location is covered with some sagebrush and grasses.

The total surface ownerhsip effected by this location is owned by (B.L.M.).

COASTAL OIL & GAS CORP.  
N.B.U. #52  
Seciton 30, T9S, R22E, S.L.B. & M.

11. OTHER INFORMATION - cont...

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

R.F. Boswell  
COASTAL OIL & GAS CORP.  
P.O. Box 749  
Denver, CO 80201

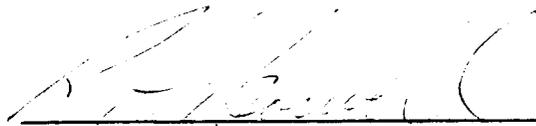
~~303-572-1121~~

13. CERTIFICATION

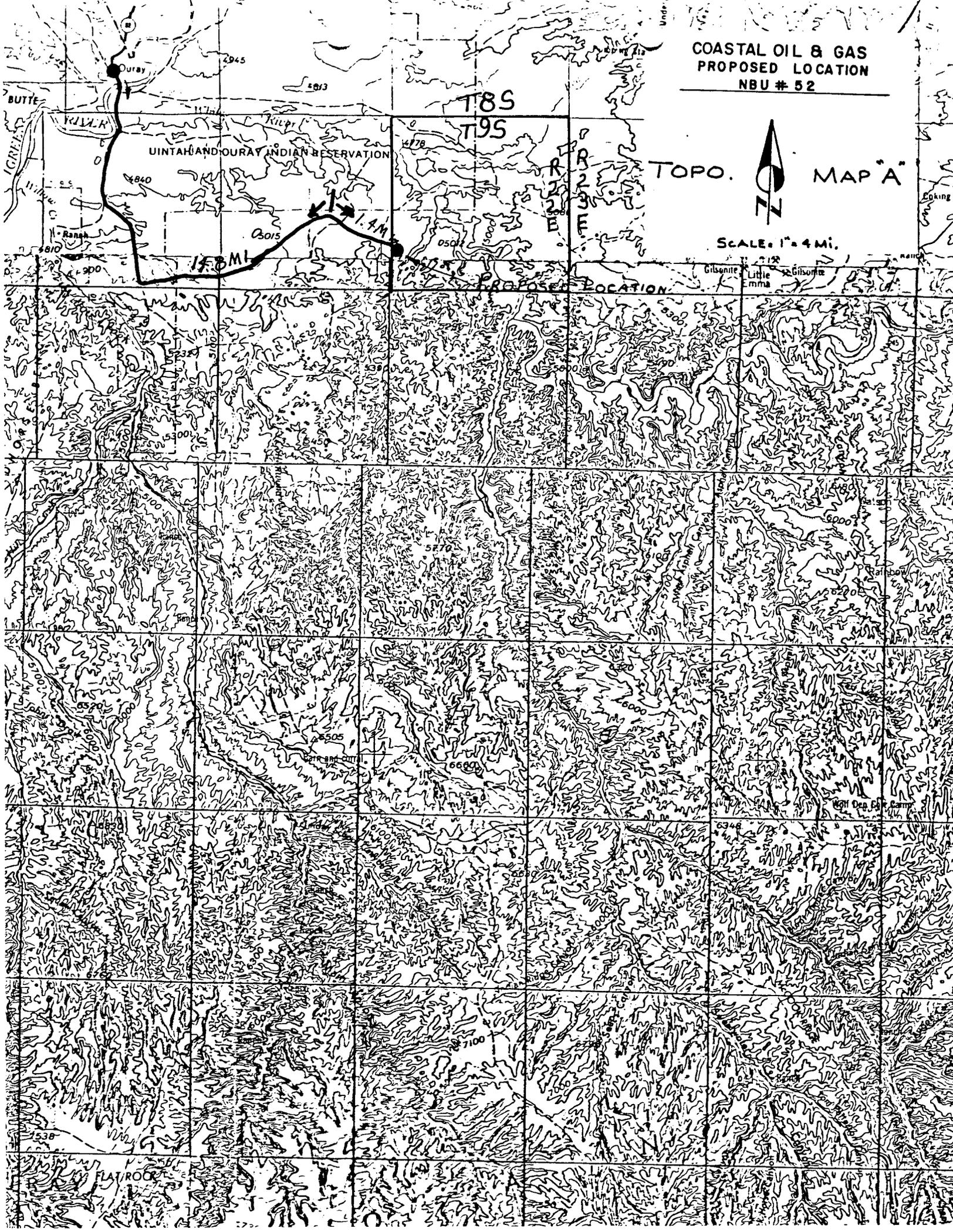
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge, true and correct; and that the work associated with the operation proposed herein will be performed by COASTAL OIL & GAS CORP. and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Date

12-15-80

  
\_\_\_\_\_  
R.F. Boswell  
Senior Engineer

COASTAL OIL & GAS  
PROPOSED LOCATION  
NBU # 52



UINTAH AND OURAY INDIAN RESERVATION

T8S  
T9S

TOPO. MAP A

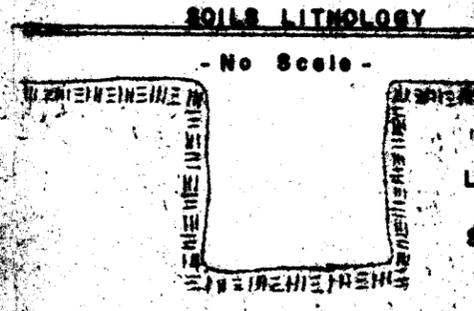
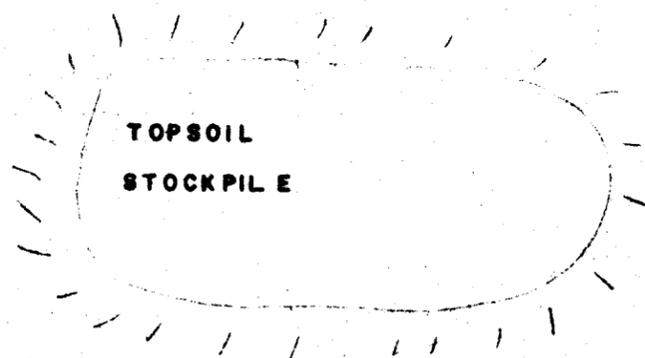
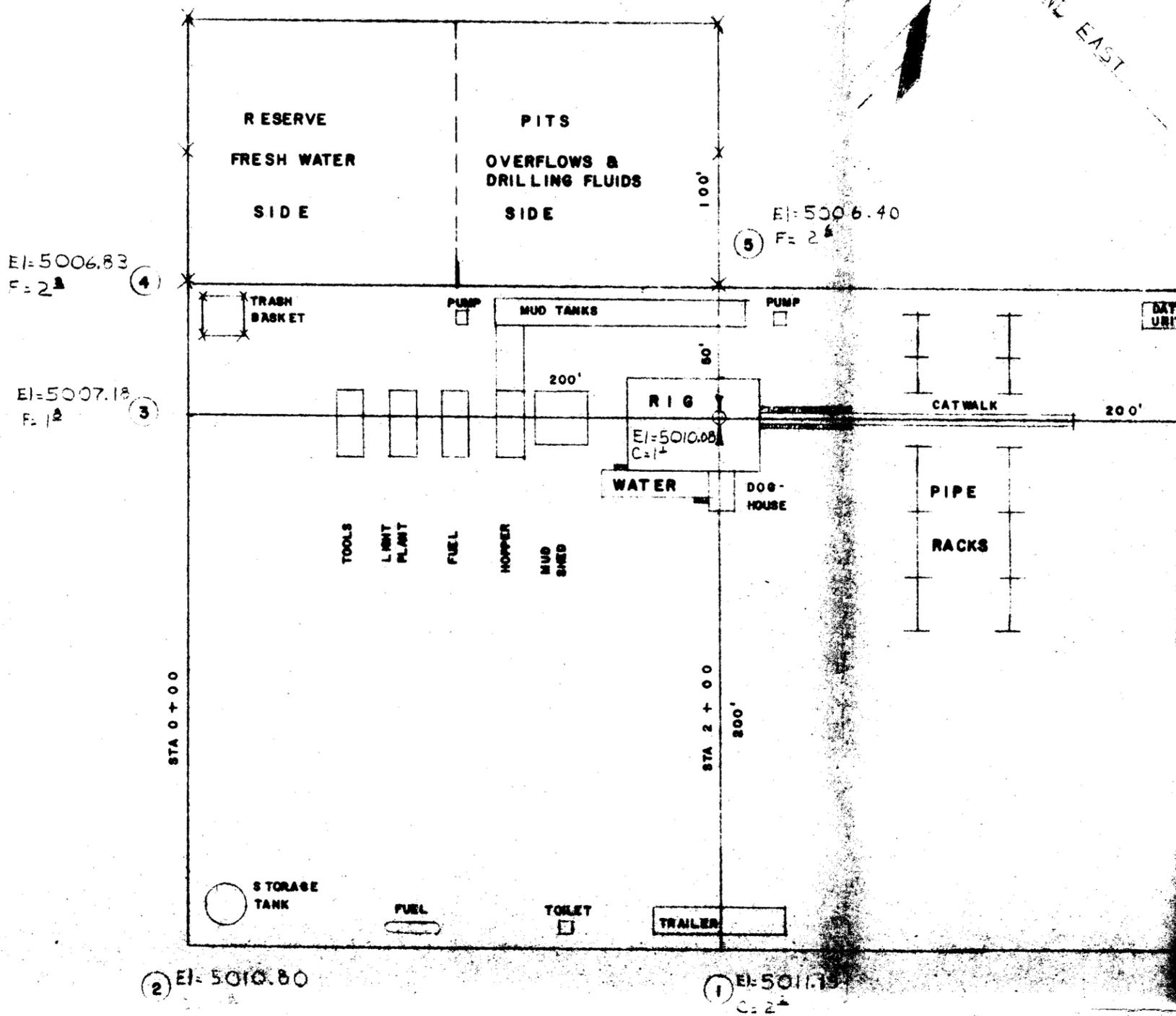
SCALE: 1" = 4 MI.

1.8 MI  
1.4 MI

PROPOSED LOCATION

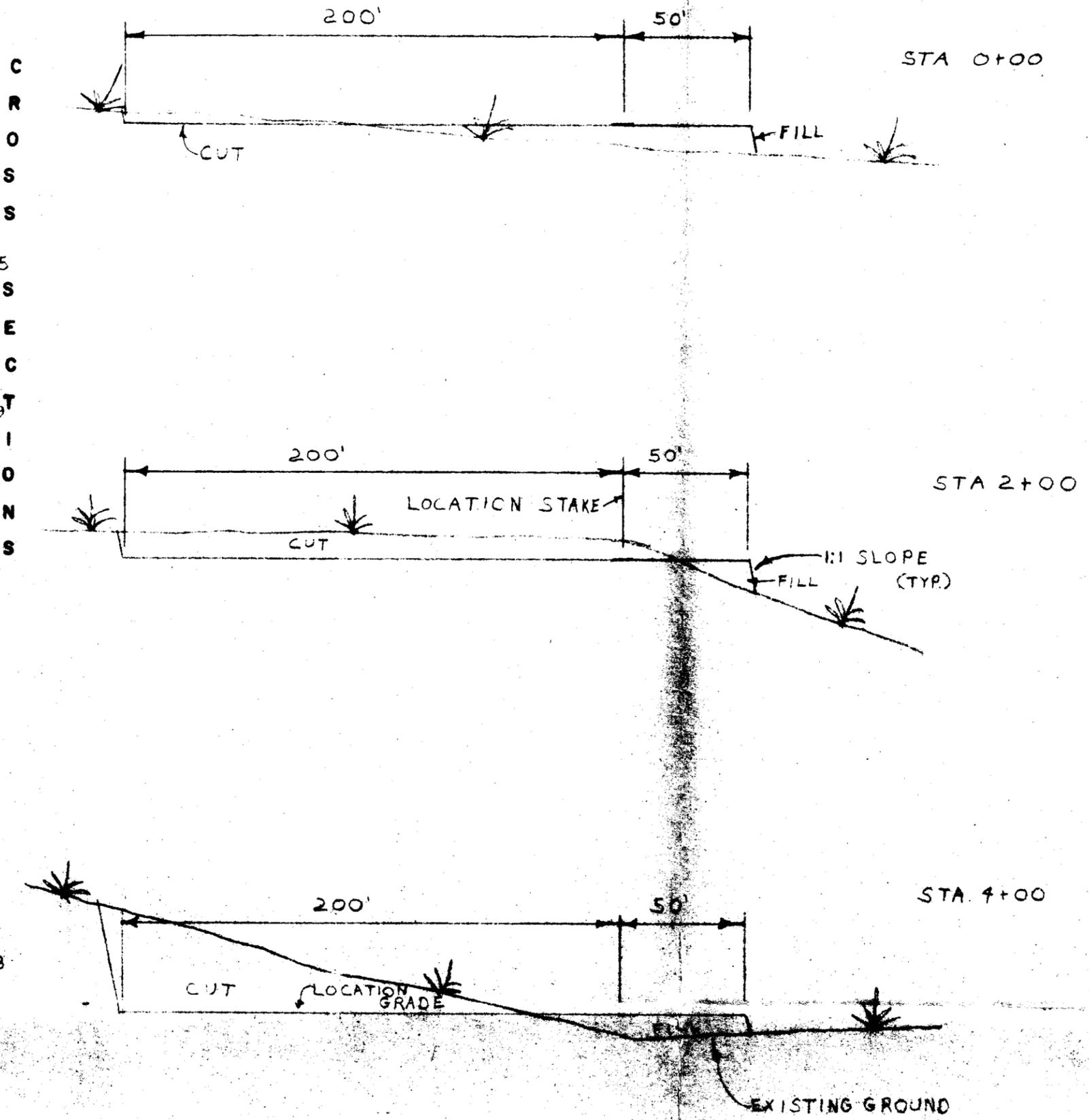
FLAT ROCK

SCALE 1" = 50'



# COASTAL OIL & GAS

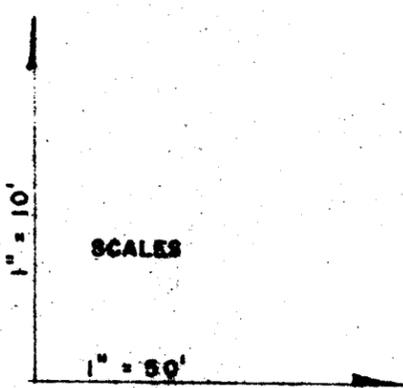
NBU#52



6 EI=5005.55  
F=3<sup>A</sup>

7 EI=5005.19  
F=3<sup>B</sup>

8 EI=5015.23  
C=6<sup>2</sup>



SCALES

APPROXIMATE QUANTITIES  
Cubic Yards of Cut: 4313  
Cubic Yards of Fill: 2309

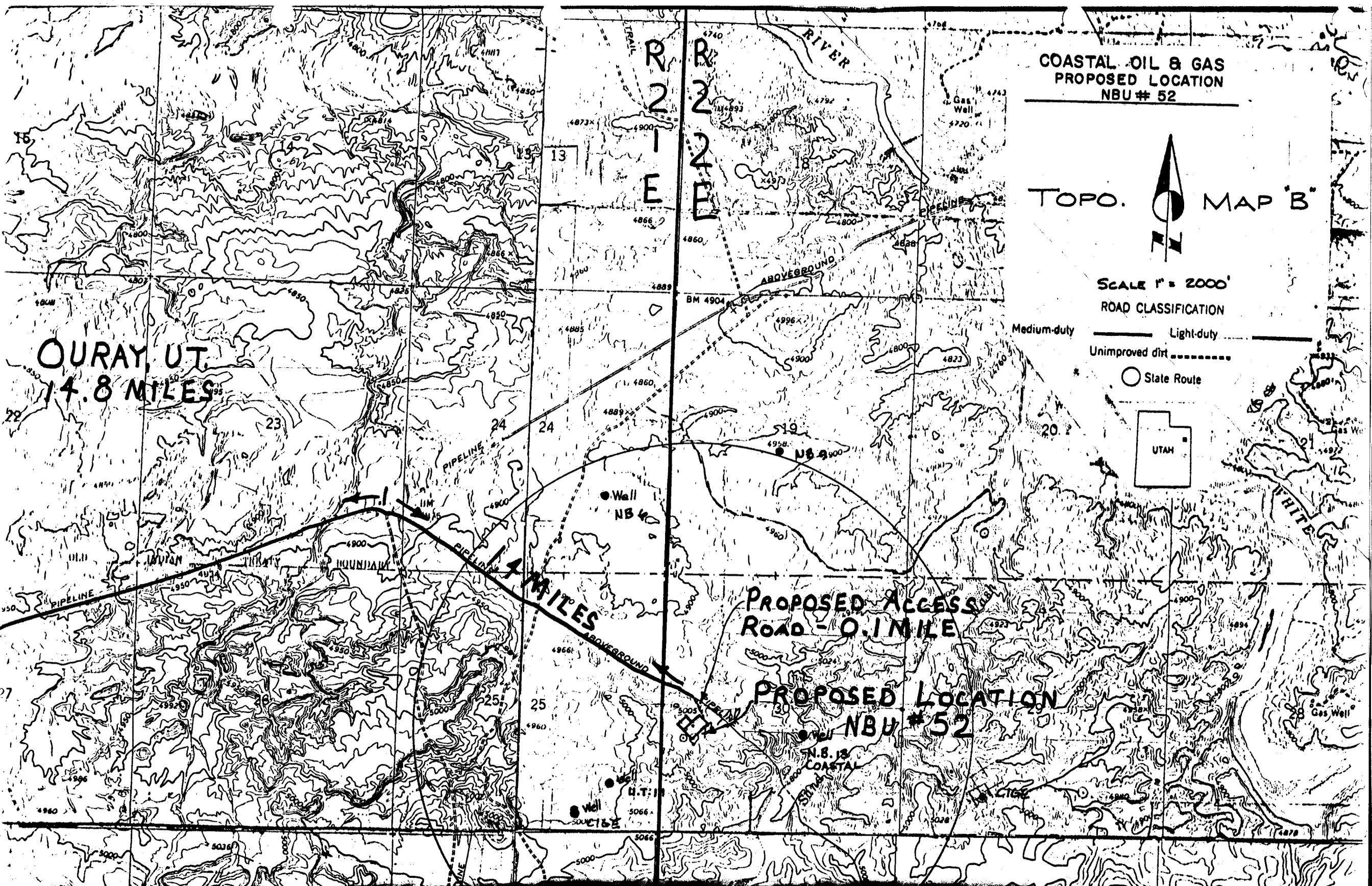
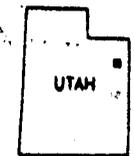
COASTAL OIL & GAS  
PROPOSED LOCATION  
NBU # 52



SCALE 1" = 2000'

ROAD CLASSIFICATION

- Medium-duty (solid line)
- Light-duty (dashed line)
- Unimproved dirt (dotted line)
- Slate Route (circle with dot)



OURAY, UT.  
14.8 MILES

14 MILES

PROPOSED ACCESS  
ROAD - 0.1 MILE

PROPOSED LOCATION  
NBU # 52

R 21 E  
R 22 E

UTAH

WHITE

N.B. 13  
COASTAL

Well  
NBU # 4

Well  
SOUTHERN

Well  
U.T. 11

Gas Well  
4743  
4720

Gas Well

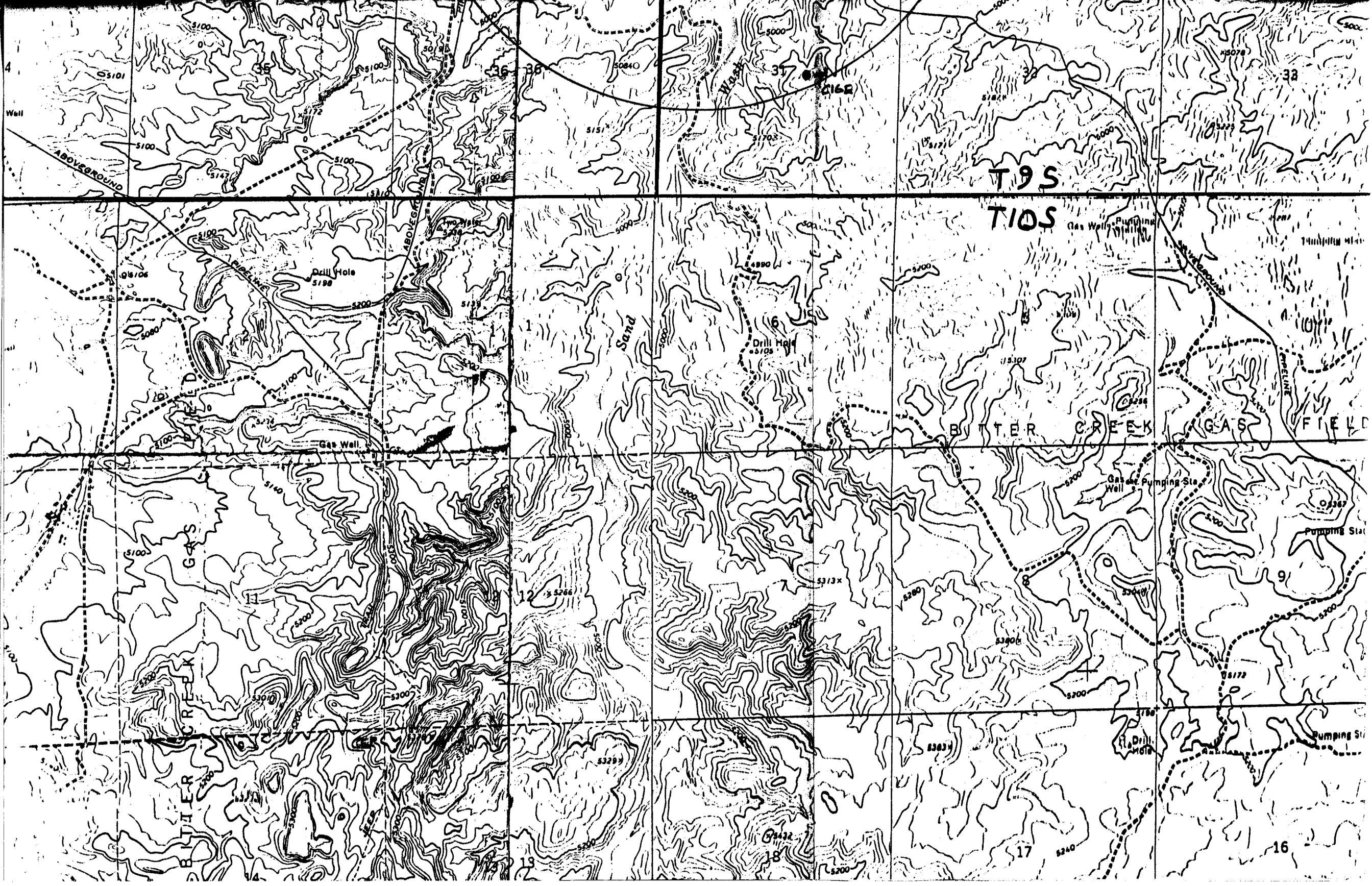
Gas Well

Gas Well

Gas Well

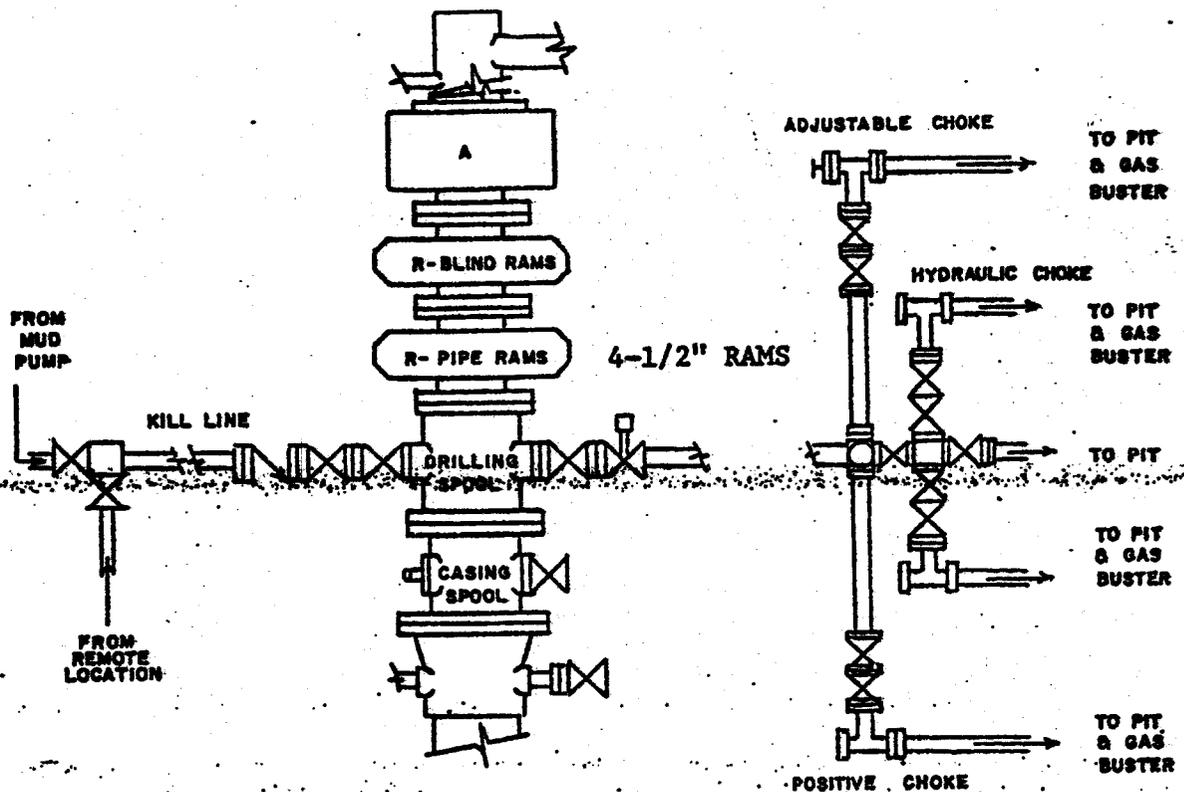
Gas Well

Gas Well



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  
Natural Buttes Unit No. 52  
Section 30-T9S-R22E  
Uintah County, Utah

10-POINT PROGRAM

1. Geologic name of surface formation:

UINTA

2. The estimated tops of important geologic markers:

GREEN RIVER - 1450'

WASATCH - 5275'

3. The estimated depths at which anticipated water, oil, gas are expected to be encountered:

WASATCH

5275'

GAS

4. The proposed casing program, including the size, grade, and weight per foot each string and whether new or used:

9-5/8" - K-55, ST&C - 36# NEW

4-1/2" - N-80, LT&C - 11.6# NEW

5. The Operators' minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings, and testing procedures and testing frequency:

Bottom:

3000# BOP W/4-1/2" pipe rams  
3000# BOP W/blind rams  
3000# Hydril

Top:

Grant rotating head

Manifold includes appropriate valves, positive and adjustable chokes and kill line to control abnormal pressures.

BOP's will be tested at installation and will be cycled on each trip.

6. The type and characteristics of the proposed circulating medium to be employed for rotary drilling and the quantities and types of mud and weighting material to be maintained:

**10-POINT PROGRAM - PAGE 2**

Coastal Oil & Gas Corporation  
Natural Buttes Unit No.52

**6. Continued --**

The well will be drilled with fresh water from surface to 4500' with a weight of 8.3 to 8.7 . From 4500' to TD the well will be drilled with fresh wtr mud with a weight from 8.7 to 10.4 . Sufficient weighting material (barite) will be on location to increase the mud weight if abnormal pressure is encountered.

**7. The auxiliary equipment to be used:**

- a. kelly cock
- b. monitoring equipment on the mud system
- c. a sub on the floor with a full opening valve to be stabbed into the drill pipe when the kelly is not in the string.

**8. The testing, logging and coring program to be followed:**  
No DST's are planned  
No cores are expected to be cut.

LOGS: Dual Induction Laterolog  
Compensated Neutron-Formation Density

**9. Any anticipated abnormal pressures or temperatures expected to be encountered:**  
No abnormal pressures or temperatures expected  
No hydrogen sulfide expected

**10. The anticipated starting date and duration of the operation:**

January 15, 1981  
Three weeks' duration

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  
 Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR  
 P. O. Box 749, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 2122' FSL / 754' FWL  
 At proposed prod. zone SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 15 miles SE of Ouray, Utah.

16. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 754'

17. NO. OF ACRES IN LEASE TO THIS WELL 591.44

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, OR APPROPRIATE POINT ON THIS LEASE, FT. 2440

19. PROPOSED DEPTH 7000

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5010 Ungr. Gr.

22. APPROX. DATE WORK WILL START\*  
 January 15, 1981

5. LEASE DESIGNATION AND SERIAL NO.  
 W-463

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 N/A

7. UNIT AGREEMENT NAME  
 Natural Buttes Unit

8. FARM OR LEASE NAME  
 Natural Buttes Unit

9. WELL NO.  
 Natural Buttes Unit No. 52

10. FIELD AND POOL, OR WELDCAT  
 Natural Buttes Field

11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA  
 Section 30-T9S-R22E

12. COUNTY OR PARISH  
 Uintah

13. STATE  
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	200'	125 sacks.
8-3/4", 7-7/8"	4-1/2"	11.6#	7000'	Circulate cement back to surface.

Fresh Water Aquifers will be protected when the long string is run and cement is circulated back to surface.

Please see the following supplemental information:

- (1) 10-Point Program
- (2) 13-Point Program
- (3) BOP Schematic
- (4) Survey Plat

APPROVED BY THE DIVISION  
 OF OIL, GAS, AND MINING  
 DATE: 12/23/80  
 BY: [Signature]

Gas Well Production Hookup to follow on Sundry Notice.

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.

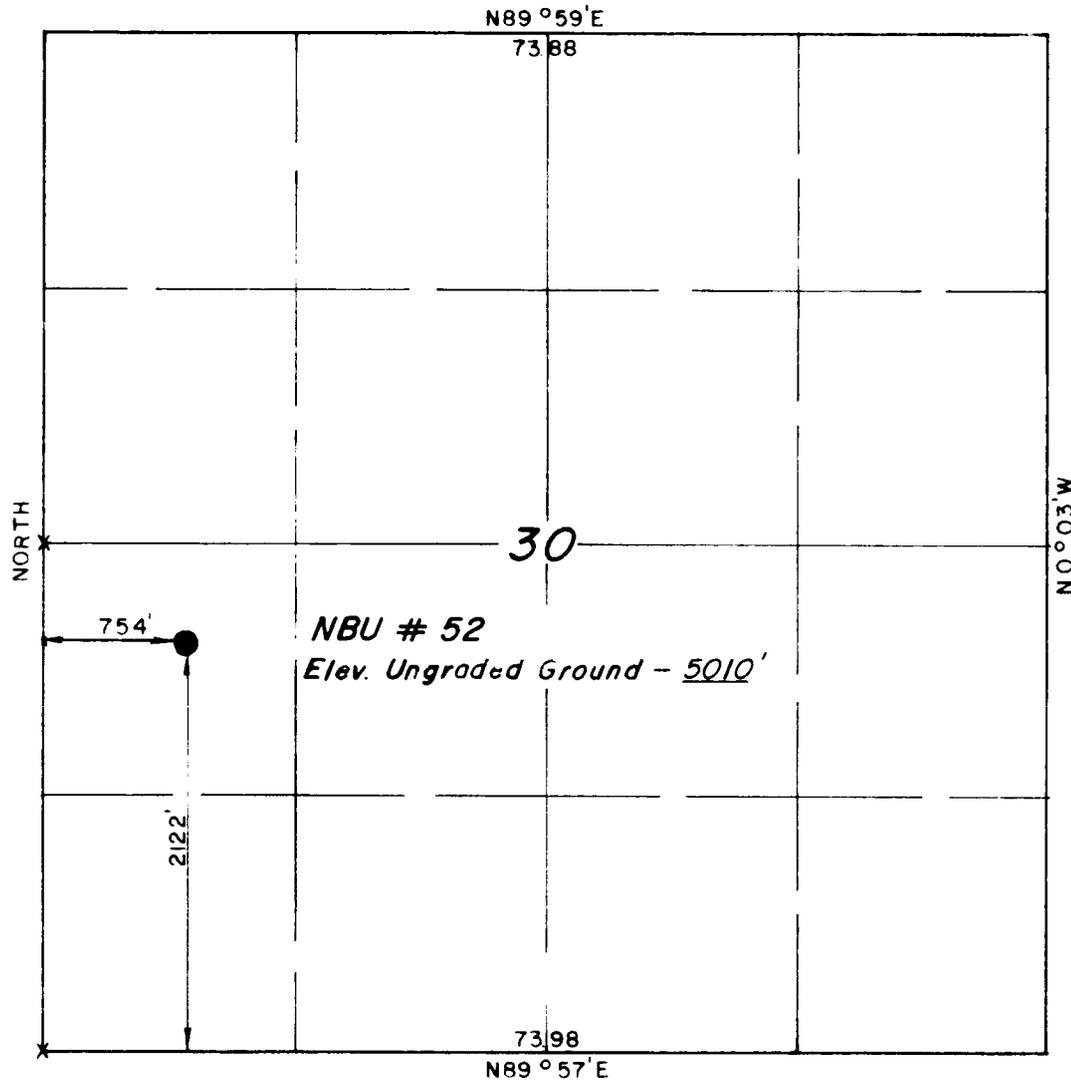
24. SIGNED: R. E. Boswell TITLE: Senior Engineer DATE: December 15, 1980  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

T9S , R22E , S.L.B.&M.

COASTAL OIL & GAS

Well location , *NBU # 52*  
 located as shown in the NW1/4 SW1/4  
 Section 30, T9S, R22E, S.L.B.&M Uintah  
 County, Utah



X = Section Corners Located



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

*[Signature]*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO 3137  
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
 P.O. BOX 2 - 110 EAST - FIRST SOUTH  
 VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	11/13/80
PARTY	DK DA CW FO	REFERENCED	GLO Plat
WEATHER	Clear Warm	FILE	COASTAL OIL & GAS

\*\* FILE NOTATIONS \*\*

DATE: 12-22-80

OPERATOR: Coastal Oil & Gas Corp.

WELL NO: N.B #52

Location: Sec. 30 T. 9S R. 22E County: Clinton

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-047-30858

CHECKED BY:

Petroleum Engineer: \_\_\_\_\_

Director: OK unit well

Administrative Aide: \_\_\_\_\_

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. \_\_\_\_\_

O.K. Rule C-3

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

Lease Designation

Plotted on Map

Hot Line

Approval Letter Written

P.I.

Enri:

The only well out of those listed that has been spudded is Natural Buttes Unit #58 on December 12, 1981. The rest are planned to be drilled in 1982.

The necessary forms for NBU #58 have already been sent.

Stacey Dave

**RECEIVED**

DEC 30 1981

DIVISION OF  
OIL, GAS & MINING

December 30, 1980

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

Re: Well No. Natural Buttes Unit #52  
Sec. 30, T. 9S, R. 22E  
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953, and predicated on Rule C-3, General Rules and Regulations and Rules of Practice and 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 - Petroleum 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 43-047-30850.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Cleon B. Feight  
Director

/ko  
cc: USGS

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR

Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR

P. O. Box 749, Denver, Colorado 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 2122' FSL / 754' FWL (NW SW)  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF
- FRACTURE TREAT
- SHOOT OR ACIDIZE
- REPAIR WELL
- PULL OR ALTER CASING
- MULTIPLE COMPLETE
- CHANGE ZONES
- ABANDON\*

SUBSEQUENT REPORT OF:

- 
- 
- 
- 
- 
- 
- 
- 

(other) Proposed Gas Well Production Hookup

5. LEASE <u>W-463</u>	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME <u>N/A</u>	
7. UNIT AGREEMENT NAME <u>Natural Buttes Unit</u>	
8. FARM OR LEASE NAME <u>Natural Buttes Unit</u>	
9. WELL NO. <u>Natural Buttes Unit No. 52</u>	
10. FIELD OR WILDCAT NAME <u>Natural Buttes Field</u>	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Section 30-T9S-R22E</u>	
12. COUNTY OR PARISH <u>Uintah</u>	13. STATE <u>Utah</u>
14. APT NO. <u>43-047-30850</u>	
15. ELEVATIONS (SHOW DF, KDB, AND WD) <u>5010' Ungr. Gr.</u>	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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

SUPPLEMENT TO APPLICATION FOR PERMIT TO DRILL

- (1) Proposed Gas Well Production Hookup
  - A Typical Well Head Installation
  - B Typical Main Lines and Pipe Anchor Detail
- (2) Proposed Pipeline Map
- (3) Proposed Road and Flow Line and Pipeline Right of Way

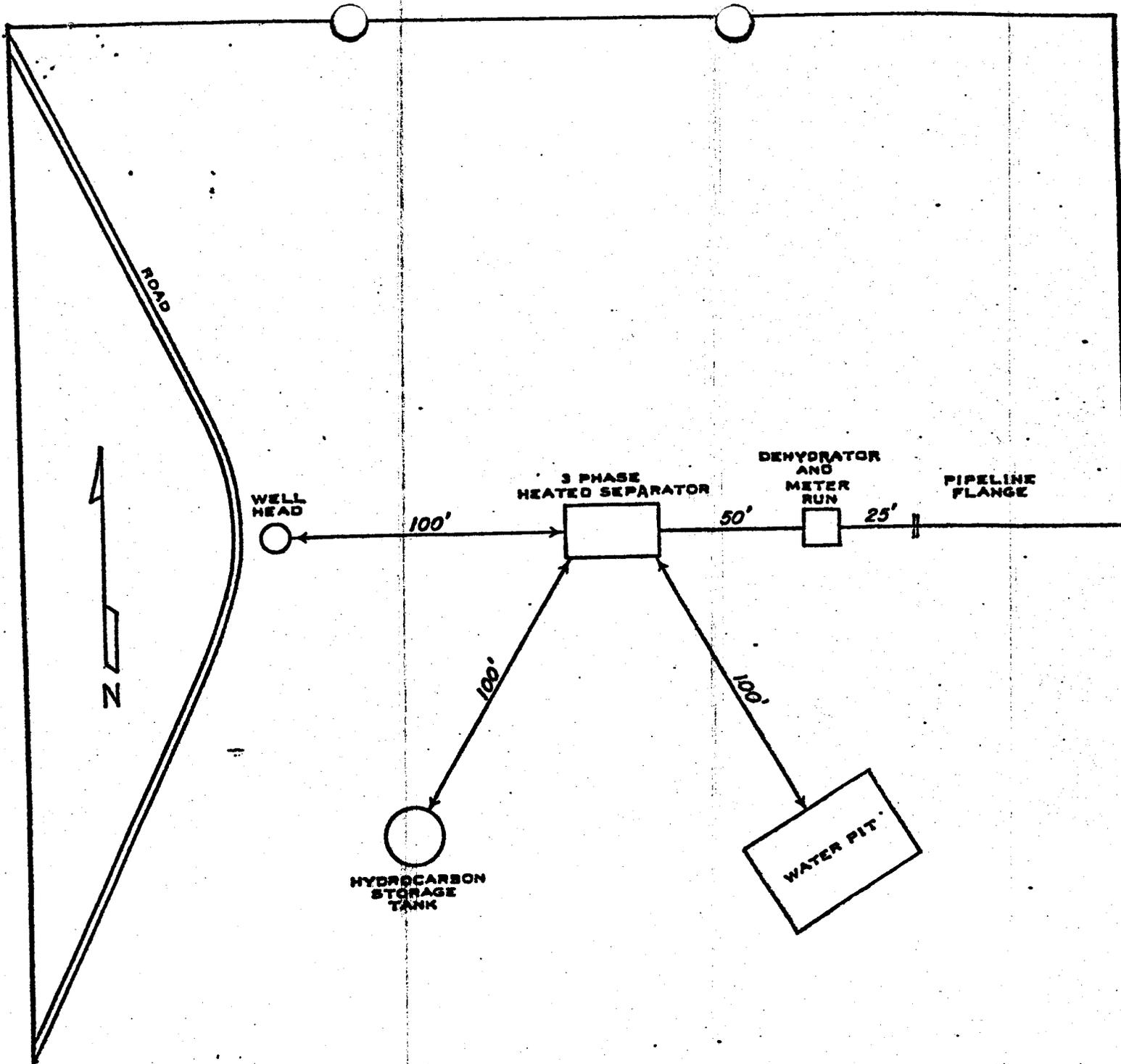
For on-site Contact: Ira K. McClanahan at (303) 473-2300  
Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED F. R. Mickill TITLE Dist. Prod. Mgr. DATE March 16, 1981

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:



**COASTAL OIL & GAS CORPORATION**  
**DENVER, COLORADO**

Natural Buttes Unit No. 52  
 Section 30-T9S-R22E  
 Uintah County, Utah



PIPELINE TO BE ADEQUATELY ANCHORED TO PREVENT UNDUE MOVEMENT OR STRAIN TO EXISTING FACILITY. NUMBER AND SPACING OF ANCHORS TO BE DETERMINED IN FIELD

FOR PIPE ANCHOR DETAIL SEE DWG. 80FM3-4A

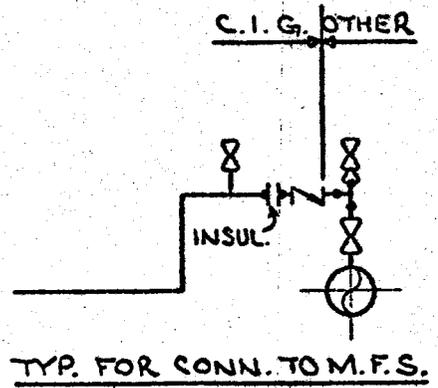
20' ±

O. U. S.

EXIST. PIPELINE

ALTERNATE ANCHOR - BURY PIPELINE MIN. OF 18"

(TYP. FOR G. RE. OR C.I.G.)



1	2385B	REVISE STARTING POINT	8-22-77	RWP	[Signature]
NO.	C O. NO.	DESCRIPTION	DATE	BY	CHK. APPR.

Colorado Interstate Gas Co.  
COLORADO SPRINGS, COLORADO

TYPICAL CONNECTION TO MAIN LINES AND PIPE ANCHOR DETAIL - NATURAL BUTTES FIELD

UINTA COUNTY, UTAH

SCALE: NONE DRAWN: RWP APP: [Signature]  
DATE: 7-7-77 CHECK: [Signature] C.O. 2385B

115FP-1 1/8

REVISIONS

ESTIMATE SKETCH

DATE: 2-9-81  
STARTING DATE: \_\_\_\_\_  
EST. COMP. DATE: \_\_\_\_\_  
 COMPANY  CONTRACT

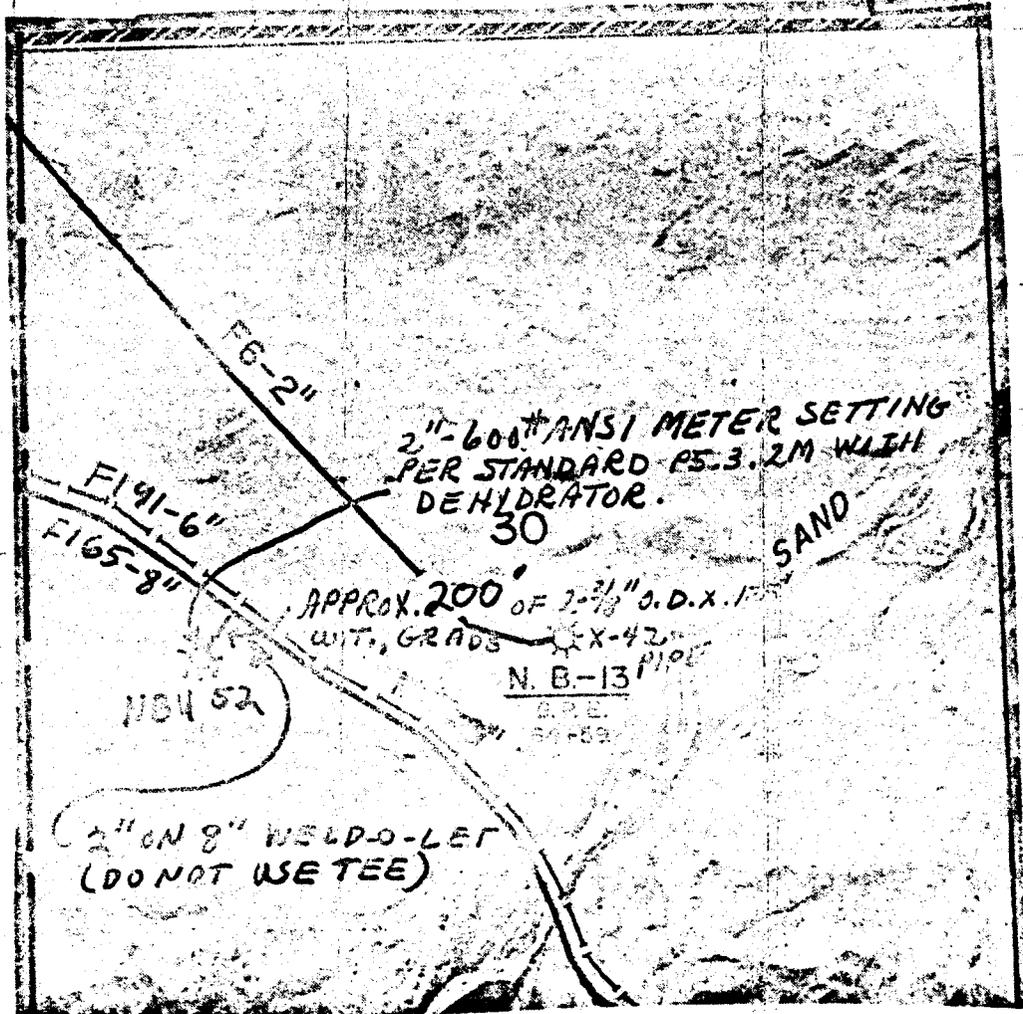
COLORADO INTERSTATE GAS COMPANY  
 NORTHWEST PIPELINE CORPORATION

W. O. NO.: \_\_\_\_\_  
REVISION NO.: \_\_\_\_\_  
BUDGET NO.: \_\_\_\_\_  
RELATED DWG.: 115FU-1C

LOCATION: NW SW Section 30-93-22 E COUNTY: Uintah STATE: Utah  
DESCRIPTION OF WORK: Corner NBV 52 Natural Buttes

REQUESTED BY: \_\_\_\_\_ APPROXIMATE MILEAGE: \_\_\_\_\_ PROJECT ENGINEER: EJK

RANGE: 22E



TOWNSHIP: 9S

PREPARED BY: JMES

SCALE (IF ANY): 1" = 1000'

Statement for permit to lay flow line, to be included with application for Drilling Permit:

Upon approval of all concerned regulatory agencies, CIG proposes to install a surface flow line from NBU #52 in a northerly direction through the SW/4 of Section 30 connecting to Line F191-6" in the SW/4 of Section 30, all in 9S-22E. The line will be approximately 200' long, as shown on the attached sketches.

Pipe will be 2-3/8" O.D. x .125" W.T., Grade X-42 EW. It will be butt-welded in place, using portable electric welding machines, and will be laid aboveground except where burial is necessary for road crossing, ditches, or other obstructions. Magnesium anodes will be installed at the dehydrator, meter setting, road crossings, underground piping at stream crossings, and at producer's separator for corrosion protection.

CIG will connect to producer's separator and install dehydration and metering facilities within 100' of the connection.

Some damage will be incurred by trucks transporting pipe and welding equipment over the pipeline route, but surface disturbance will be held to a minimum.



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

December 22, 1981

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

Re: See attached

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

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse  
Clerk Typist

Well No. Lawson #2+28-1-1  
Sec. Sec, 28, T, 1S, R. 1W  
Duch Duchesne County, Utah

Well No. Natural Duck 5491589-20  
Sec. Sec, 15, T, 9S, R. 20E  
Uinh Uintah County, Utah

Well No. Natural Buttes Unit #55  
Sec. Sec, 21, T, 9S, R. 21E  
Uinh Uintah County, Utah

Well No. Natural Buttes Unit #56  
Sec. Sec, 28, T, 9S, R. 21E  
Uinh Uintah County, Utah

Well No. Natural Buttes Unit #48  
Sec. Sec, 18, T, 9S, R. 22E  
Uinh Uintah County, Utah

Well No. Natural Buttes Unit #52  
Sec. Sec, 30, T, 9S, R. 22E  
Uinh Uintah County, Utah

Well No. Natural Buttes Unit #42  
Sec. Sec, 25, T, 10S, R. 20E  
Uinh Uintah County, Utah

Well No. Natural Buttes Unit #51  
Sec. Sec, 30, T, 10S, R. 21E  
Uinh Uintah County, Utah

Well No. Natural Buttes Unit #41  
Sec. Sec, 31, T, 10S, R. 21E  
Uinh Uintah County, Utah

Well No. Natural Buttes #49  
Sec. Sec, 32, T, 10S, R. 21E  
Uinh Uintah County, Utah

Well No. Natural Buttes #60  
Sec. Sec, 35, T, 10S, R. 21E  
Uinh Uintah County, Utah

Well No. Natural Buttes Unit #24  
Sec. Sec, 12, T, 10S, R. 22E  
Uinh Uintah County, Utah

Well No. Natural Buttes Unit #58  
Sec. Sec, 27, T, 10S, R. 22E  
Uinh Uintah County, Utah

Well No. Natural Buttes Unit #47  
Sec. Sec, 30, T, 10S, R. 22E  
Uinh Uintah County, Utah



Coastal Oil & Gas Corporation

2100 Prudential Plaza  
Post Office Box 749  
Denver, Colorado 80201  
Phone (303) 572-1121

HAROLD E. AAB  
District Drilling Manager

January 27, 1982

U. S. Geological Survey  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104



Re: Natural Buttes Unit No. 52  
NW/SW Section 30-T9S-R22E  
Uintah County, Utah

Gentlemen:

Approval to drill the above well was issued on March 19, 1981. However, our plan of development for the Natural Buttes Unit calls for the NBU 52 to be drilled during 1982. Therefore, we request that the approval period be extended for an additional one year period. Three copies of a revised cover sheet are enclosed.

Thank you for your consideration in this matter.

Sincerely,

H. E. Aab  
District Drilling Manager

Enclosure

XC: B. Nelson  
~~XXXXXXXXXXXXXXXXXXXX~~

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  
 Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR  
 P. O. Box 749, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 2122' FSL/754' FWL  
 At proposed prod. zone  
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 15 miles SE of Ouray, Utah.

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 754'

16. NO. OF ACRES IN LEASE 591.44

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. 2440

19. PROPOSED DEPTH 7000'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5010 Ungr. Gr.

22. APPROX. DATE WORK WILL START\*  
 July 1, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	200'	125 sacks
8-3/4", 7-7/8"	4-1/2"	11.6#	7000'	Circulate cement back to surface

Fresh Water Aquifers will be protected when the long string is run and cement circulated back to surface.

Please see the following supplemental information:

- (1) 10-Point Program
- (2) 13-Point Program
- (3) BOP Schematic
- (4) Survey Plat

Gas Well Production Hookup to follow on Sundry Notice.

**RECEIVED**  
 FEB 16 1982  
 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 H. E. Aab TITLE District Drilling Mgr DATE January 27, 1982

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY [Signature] FOR E. W. GUYNN DATE FEB 12 1982  
 CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_ TITLE DISTRICT OIL & GAS SUPERVISOR

NOTICE OF APPROVAL  
*State Oil & Gas*

\*See Instructions On Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR  
P.O. Box 749, Denver, Colorado 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2122' FSL/754' FWL  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

5. LEASE  
U-463

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
Natural Buttes Unit

8. FARM OR LEASE NAME  
Natural Buttes Unit

9. WELL NO.  
Natural Buttes Unit #53

10. FIELD OR WILDCAT NAME  
Natural Buttes Field

11. SEC., T. R., M. OR BLK. AND SURVEY OR AREA  
Section 30-T9S-R22E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. API NO.  
47-30850

15. OPERATIONS (SHOW DF, KDB, AND WD)  
047-30850

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Change anticipated total depth</u>	

**RECEIVED**  
**MAY 20 1982**  
**DIVISION OF OIL, GAS & MINING**

(NOTE: Report results of multiple completion of zone change on Form 9-330.)

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

Approval is requested to change anticipated total depth from 7009' (Wasatch) to 7850' (Wasatch-Mesaverde), 4 1/2" csg will be set at 7850'.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

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

SIGNED H. E. Aab TITLE Dist. Drlg. Mgr. DATE May 17, 1982

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF SPUD

Company: Coastal Oil & Gas

Caller: Sandy

Phone: \_\_\_\_\_

Well Number: NAU 52J

Location: Sec. 30 - 9S - 22E

County: Uintah State: Utah

Lease Number: U-463

Lease Expiration Date: \_\_\_\_\_

Unit Name (If Applicable): Natural Buttes

Date & Time Spudded: 7:00 AM 5-17-82

Dry Hole Spudder/Rotary: \_\_\_\_\_

Details of Spud (Hole, Casing, Cement, etc.) \_\_\_\_\_

12 1/4" hole to 204' 202' 9 5/8

36# K55 Casing

Rotary Rig Name & Number: All-Western #4

Approximate Date Rotary Moves In: 5-21-82

FOLLOW WITH SUNDRY NOTICE

Call Received By: Diane

Date: 5-21-82

NOTICE OF SPUD

WELL NAME: NBU 52J

LOCATION: NW 1/4 SW 1/4 SECTION 30 T- 9S R- 22E

COUNTY: Uintah STATE: Utah

LEASE NO.: U-463 LEASE EXPIRATION DATE:           

UNIT NAME (If Applicable): Natural Bites

DATE & TIME SPUDDED: 5-17-82 7:00 am

DRY HOLE SPUDDER: Ram Air--

DETAILS OF SPUD (Hole, Casing, Cement, etc.): 12 1/4" hole to 204' - Set 202'  
9-5/8" 36# K-55 csg. Shoe 199' 6L Cmt w/125 5/4 CL "H"  
SBB1 Cmt to surface. Ram 1" Cmt w/ 3/5X CL # to surface

ROTARY RIG NAME & NUMBER: Allwestern #4

APPROXIMATE DATE ROTARY MOVES IN: 5-21-82

FOLLOW WITH SUNDRY NOTICE

USGS CALLED: DATE: 5-21-82

(801) 524-4590 PERSON CALLED: Diane Diane

STATE CALLED: DATE: 5-21-82

(801) 533-5771 PERSON CALLED: Sandra

REPORTED BY: Sandy Crowell

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Coastal Oil & Gas

WELL NAME: Natural Buttes Unit #52

SECTION NWSW 30 TOWNSHIP 9 S RANGE 22 E COUNTY Uintah

DRILLING CONTRACTOR Western

RIG # 4

SPUDDED: DATE 5-17-82

TIME 7:00 AM

HOW Dry Hole

DRILLING WILL COMMENCE \_\_\_\_\_

REPORTED BY Sandy Crowell

TELEPHONE # 303-572-1121

DATE 5-21-82 SIGNED SLC

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR  
P.O. Box 749, Denver, Colorado 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2122' FSL/754' FWL  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

5. LEASE  
U-463

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
Natural Buttes Unit

8. FARM OR LEASE NAME  
Natural Buttes Unit

9. WELL NO.  
Natural Buttes Unit #59

10. FIELD OR WILDCAT NAME  
Natural Buttes Field

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA  
Section 30 T19S R22E (SW)

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. API NO.  
48-100-30850

15. ELEVATIONS (SHOW DF, KDB, AND WD)

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON\*

(other)

SUBSEQUENT REPORT OF  
MAY 26 1982

DIVISION OF OIL, GAS & MINING

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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

Verbal Notice of Spud Report reported on May 21, 1982 to USGS (Diane) and State (Sandra). See attached for details.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct  
SIGNED H. E. Aab TITLE Dist. Drlg. Mgr. DATE May 21, 1982

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR  
P.O. Box 749, Denver, Colorado 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2122' FSL/754' FWL  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Operations</u>	<u>X</u>

5. LEASE U-463	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
7. UNIT AGREEMENT NAME Natural Buttes Unit	
8. FARM OR LEASE NAME Natural Buttes Unit	
9. WELL NO. Natural Buttes Unit #52	
10. FIELD OR WILDCAT NAME Natural Buttes Field	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 30-T9S-R22E	
12. COUNTY OR PARISH Uintah	13. STATE Utah
14. API NO. 43-047-30850	
15. ELEVATIONS (SHOW DF, KDB, AND WD)	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

27010010010

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

Please see attached chronological for report of operations through June 15, 1982.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

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

SIGNED H. E. Aab TITLE Dist. Dirg. Mgr. DATE June 15, 1982

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

Natural Buttes Unit  
 Uintah, Utah

AFE: 12948 WI: 100%

ATD: 6800' SD: 5-17-82/5-21-82

LOCATION: 2122' FSL/754' FWL  
 Section 30-T9S-R22E

Coastal Oil & Gas Corp., Oper.

AllWestern #4

9-5/8" @ 199 GL

- 6-1-82 6582'; (360' - 23-3/4 hrs); Drlg. 15 FPH.  
 Drlg.; RS; Drlg. BGG 120, CG 180. Drlg. Brks: 6322'-28'; rate 4.5-2-4 mpf, gas 100-280-100; 6422'-32', rate 4-2-4.5 mpf, gas 160-300-130. MW 9.4, VIS 34, WL 16, PV 10, YP 2, Sand 1/2, Solids 10/9, ALK.:Pf .1, Mf 1.2, CL 1300, GELS 4/12, Cake 2, MBT 17.5. Cum Csts: \$156,274.
- 6-2-82 6812'; (230' - 18 1/2 hrs); Drlg.  
 Drlg. Bit Locked Up; POOH; Dress Bit; TIH; Drlg.; RS; Drlg. BGG 400, CG 600, Trip 1200. MW 9.3, VIS 34, WL 13.6, PV 7, YP 1, Solids 6, pH 10.5, ALK.:Pf .5, Mf 1.6, CL 1200, GELS 1/2, Cake 2, MBT 17.5. Cum Csts: \$168,380.
- 6-3-82 7032'; (220' - 19-3/4 hrs); Mixing Kill Mud w/LCM.  
 Drlg.; RS; Drlg.; Had a Drlg. Break From 6998'-7022'; PU SI Well With No sidpp or Csg Pressure, Well did Flow, Weighed Pits From 9.4 to 9.6#; Pumped 400 BBLs 9.6# Mud w/475 psi DP Pressure, Pumped 15 Min Gas Cut Mud Thru Chokes Then Had All Gas Thru Chokes, Then Lost Circ; Mixing Mud w/LCM. BGG 400, CG 580. MW 9.6, VIS 36, 10% LCM. Drlg. Brks: 6872'-82', rate 5.5-2-5.5 mpf, gas 400-1440-440, 6998'-7022', rate 4.5-1- , gas 580,2400- . Cum Csts: \$186,339.
- 6-4-82 7032'; Pump LCM Pill w/Partial Returns.  
 Mix & Pump 400 BBL Pill 8.9#, Vis 36, 10% LCM; Mix & Pump 400 BBL 8.9, Vis 36, 12% LCM Pill, Mix 400 BBL Pill 8.9, Vis 36, 12% LCM; Pump 75 BBLs Down Backside; Pump 325 BBLs Down DP w/550 psi Csg Press; Mix 400 BBL Pill 9.0#, Vis 35, 10% LCM; Pump 400 BBL on DP; Mix 400 BBL Pill 9.1, Vis 37, 12% LCM; Pump Pill w/5-10% Returns. 12% LCM. MW 9.1, VIS 37. Cum Csts: \$203,833.
- 6-5-82 7032'; Circ @ 3160', Full Returns.  
 Mixing Mud & Working Stuck DP w/No Returns; RU Dialog and Run Freepoint, 100% Stuck @ 3985', 100% Free @ 3850'; Perforate 3 Holes in DP @ 3,945'; Work Stuck Pipe, Unable to Circ Through Perfs; Perforate 3 Holes in DP @ 3,899'; Work Stuck Pipe, Unable to Circ Through Perfs, Would Pressure To 2200# and Pump Into Formation Through Bit; Run Freepoint, 100% Stuck @ 3700', 100% Free @ 3625'; Backoff @ 3,625', Got Backoff; Attempt to Circ, No Success; Pulled 15 Jts DP; Circ Mud @ 3160' - Pipe Free, Circ @ 3 1/2 BPM w/Full Returns, Slightly Gas Cut, Circ 9.5 ppg Mud. MW 9.5, VIS 45. Cum Csts: \$214,062.
- 6-6-82 7032'; Attempting to Backoff @ 3909'.  
 Washed 365' to Top of Fish @ 3625'; Circ & Cond Mud w/Full Returns, BGG 1400 - Decreased to 0; TOOH; PU Graco Fishing Tools; Screw-In Sub & Jars; Cut Drill Line; TIH; CBU, Max Gas 1400 Units; Screw into Fish @ 3625', Unable to Circ - Pumped Into Formation w/2400#; Jarring on Fish, Max Pull - 220,000#, Min Pull - 50,000#, Had 1' Movement Downhole Bit is @ 7000' (32' off btm); Make Sinker Bar Run to 6350' (Top of DC's) - LCM in Top of DC's; Run Freepoint w/Dialog: 100% Free @ 3943', 100% Stuck @ 4180'; Attempting to Backoff @ 3909' w/No Success. Washpipe (Graco) on Standby - 12 Jts 7-3/8" X 6-5/8", Max Od on 4 1/2" DP - 6-5/16" Od. MW 9.5, VIS 45, WL 16, PV 12, YP 1, Sand .75, pH 8, Mf .60, CL 4,000, CA 400, GELS 10/30, Cake 2, LCM 10%. Cum Csts: \$230,817.
- 6-7-82 7032'; Washing & Reaming @ 3940'-4015' (Top of Fish).  
 Jarring on Fish From 200,000# to 220,000# & Circ Through Perfs @ 3899', Fish Moved Down Hole 20' (Bit now at 7020'), Could Not Move Back Up Hole; Run Freepoint w/Dialog, 100% Free @ 4015', 100% Stuck @ 4080'; Backoff DP @ 4015' in 2 Attempts; Worked Pipe Free w/15-20,000# Drag for 20'; Circ @ 3955' and Attempt to Wash Back Down to Top of Fish w/No Success (Circ Through Perfs in DP @ 10' and 56' From End of DP); TOOH; LD Perforated DP and Tools; PU 4 Jts 7-3/8" OD X 6-5/8" ID Washpipe (132,53') w/Washover Shoe; TIH; Wash & Ream From 3940' to 4015' (Top of Fish). MW 9.6, VIS 41, WL 13.6, LCM 8%, PV 13, YP 1, Sand .75, pH 8.5, ALK.:Pf .20, Mf 1.40, CL 500, CA 400, GELS 15/30, Cake 2, MBT 22.5. Cum Csts: \$246,467.
- 6-8-82 7032'; Running Freepoint.  
 Wash Over DP From 4009'-39'; Circ & Cond; POOH Stand Back W.P.; TIH w/Screw-In Sub & Jars; Wash 90' to TOF @ 4009'; Circ @ TOF; Screw-In & Work Pipe, Jarred Fish Down Hole 3', Jarred up 100,000 lb Over String Wt, No Movement; Run Freepoint Set Down @ 4032'; Spud Thru Bridge w/Core Barrel, Pipe Clear to 6411'; Running Freepoint w/String Shot. BGG 200, Trip 2000. MW 9.5, VIS 45, WL 11.6, PV 12, YP 8, Sand .5, Solids 9, pH 10, ALK.:Pf .5, Mf 2, CL 4500, GELS 15/25, Cake 2, MBT 22.5. Cum Csts: \$265,315.

NBU 52J  
Natural Buttes Unit  
Uintah, Utah

AFE: 12948 WI: 100%  
ATD: 6800' SD: 5-17-82/5-21-82  
Coastal Oil & Gas Corp., Oper.  
AllWestern #4  
9-5/8" @ 199GL

LOCATION: 2122' FSL/754' FWL  
Section 30-T9S-R22E

- 5-20-82 204'.  
RU Ram Air Drld. 12 $\frac{1}{2}$ " Hole to 204'. Set 202' 9-5/8" 36# K-55 Csg.  
Shoe 199' GL. Cmt w/National 125 sx Class "H",  $\frac{1}{2}$ #/sx Celeflake, 3% CaCl, Circ  
5 BBL Cmt to Surface. Cmt Dropped 25'. Ran 1" & Cmt'd w/30 sx Class "H" to Surface.  
Cum Csts: \$30,362.
- 5-21-82 204'; RURT.  
RURT; AllWestern #4. Imco Mud. Cum Csts: \$38,456.
- 5-22-82 204'; RURT Prep to Press Test.  
Cum Csts: \$39,815.
- 5-23-82 778'; (571' - 12 $\frac{1}{2}$  hrs); Drlg.  
RURT; Test BOP 3000 psi Hydrill 1500 psi - ok; PU BHA & Tag Cem @ 177';  
Drlg. Cem 177' to 207'; Drlg. Form, Spud @ 4:30 p.m. 5/22/82. Svy; Drlg.; Svy; Drlg.;  
Svy; Drlg. (3/4° @ 259'). (3/4° @ 746'). Cum Csts: \$52,390.
- 5-24-82 2181'; (1403' - 23 hrs); Drlg. 55 FPH.  
Drlg.; RS Chk BOP; Drlg.; Svy; Drlg.; Svy; Drlg.; MW 8.4, VIS 27.  
( $\frac{1}{2}$ ° @ 1238'); (1 $\frac{1}{4}$ ° @ 1737'). Cum Csts: \$59,086.
- 5-25-82 3416'; (1235' - 22-3/4 hrs); Drlg. @ 55 FPH.  
Drlg.; BOP Drill; Drlg.; RS; Svy @ 2416'; Drlg. Lost Returns at  
2737', Dry Drld to 2790' and Gained Returns Back; Drlg.; Svy @ 2988'; Drlg.;  
BGG 600 Units; CG 940 Units. MW 8.4, VIS 27. (1 $\frac{1}{2}$ ° @ 2416'); (1-3/4° @ 2988').  
Cum Csts: \$73,686.
- 5-26-82 4091'; (675' - 18 hrs); Drlg.; @ 30 FPH.  
Drlg.; RS Chk BOP's; Svy; Drlg.; Circ & Mud Up For Bit Trip; TOOH for  
New Bit, TIH; Wash & Ream 60' to Btm; Drlg.; BGG 2300, CG 2800, TG 1000. Drlg. Brk:  
3408'-20', rate 4-.5-1 mpf, gas 640-800-640, 3500'-08', rate 1-.5-1.5 mpf, gas  
500-640-400, 3558'-62', rate 1.5-.5-1.5 mpf, gas 700-800-600, 3632'-44', rate 1.5-.5-1.5 mpf,  
gas 560,880,600, 3710'20', rate 1.5-1-1.5 mpf; gas 800-940-640, 3730'-40', rate 1.5-1-1.5 mpf,  
gas 740-1000-700, 3822'-30', rate 2-1-2.5 mpf, gas 760-1040-1040, 3888'-98', rate  
2-1.5-2.5 mpf, gas 1040-1080-1080, 3950'-80', rate 2.5-1.5-2 mpf, gas 1060-2400-1300.  
MW 9.1, VIS 31, WL 36, PV 5, YP 1, Sand Tr, Solids 5, pH 9.5, ALK.:Pf .70, Mf .90,  
CL 6500, CA 0, GELS 2/10, Cake 2, MBT 10. (2° @ 3481'); (2° @ 3881'). Cum Csts: \$96,283.
- 5-27-82 4705'; (614' - 22-3/4 hrs); Drlg. 29 FPH.  
Drlg.; RS Chk BOP; Drlg.; BGG 175, CG 290. Drlg. Brks: 4266'-84', rate 2-1-2  
mpf, gas 140-190-80, 4440'-42', rate 4-1.5-3 mpf, gas 300-420-250. MW 9.7, VIS 33, WL 20,  
PV 7, YP 1, Sand  $\frac{1}{2}$ , Solids 9, pH 9.5, ALK.:Pf .4, Mf 2.6, CL 5000, CA 0, GELS 3/12, Cake 2,  
MBT 12.5. Cum Csts: \$108,686.
- 5-28-82 5112'; (407' - 23 $\frac{1}{2}$  hrs); Drlg. @ 23 FPH.  
Drlg.; Svy; RS, Chk BOP's; Drlg. BGG 920, CG 1660. Drlg. Brks: 4594'-4604',  
rate 3-1.5-2.5 mpf, gas 160-250-180; 4660'-64', rate 3.5-2-3 mpf, gas 170-250-190;  
4710'-24', rate 4.5-2.5-3.5 mpf, gas 125-290-100; 4862'-70', rate 4-2.5-4 mpf, gas 400-400-400  
4888'-4904', rate 3.5-1.5-4 mpf, gas 600-1000-750; 4905'-14', rate 3.5-1-3.5 mpf, gas 850-  
1200-520. MW 9.4, VIS 34, WL 16, PV 6, YP 2, Sand Tr, Solids 7, pH 10.5, ALK.:Pf .50,  
Mf 1.70, CL 3000, GELS 1/2, Cake 2, MBT 15. (1 $\frac{1}{2}$ ° @ 4729'). Cum Csts: \$117,691.
- 5-29-82 5570'; (458' - 23-3/4 hrs); Drlg. 18 FPH.  
Drlg.; RS, chk BOP; Drlg. BGG 400, CG 960. Drlg. Brks: 5448'-58', rate  
3-1.5-3 mpf, gas 280-300-300; 5566'-94', rate 3-1-4 mpf, gas 320-1100-360. MW 9.5,  
VIS 34, WL 16, PV 10, YP 2, Sand Tr, Solids 8, pH 9.5, ALK.:Pf .6, Mf 2, CL 2700, CA 0,  
GELS 2.8, Cake 2, MBT 15. Cum Csts: \$126,409.
- 5-30-82 5936'; (346' - 23 $\frac{1}{2}$  hrs); Drlg. 16 FPH.  
BOP Drill; RS; Drlg. BGG 350, CG 680. MW 9.5, VIS 36, WL 12, PV 8, YP 4,  
Sand Tr, Solids 6, pH 10, ALK.:Pf .6, Mf 1.9, CL 2400, CA 0, GELS 2/4, Cake 2, MBT 15.5.  
Cum Csts: \$134,927.
- 5-31-82 6222'; (286' - 18 $\frac{1}{2}$  hrs); Drlg. 16 FPH.  
Drlg.; RS, chk BOP's; TFNB #3, Ream 90' to Btm; Drlg. BGG 200, CG 640, Trip 1400.  
Drlg. Brks: 5448'-58', rate 3-1.5-3 mpf, gas 280-1040-320; 5566'-94', rate 3-1-4 mpf, gas 320-  
1100-360; 5618'-22', rate 3.5-2.5-4 mpf, gas 640-1100-700; 5872'-80', rate 3-1-3 mpf, gas  
360-1080-360; 6170'-74', rate 4-1-3.5 mpf, gas 200-480-200. MW 9.6, VIS 34, WL 13.6,  
PV 7, YP 1, Sand Tr, Solids 9, pH 10.5 ALK.:Pf .3, Mf 1.2, CL 1500, GELS 2/10, Cake 2, MBT 15.  
( $\frac{1}{2}$ ° @ 6026'). Cum Csts: \$148,111.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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1. oil well  gas well  other

2. NAME OF OPERATOR  
Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR  
P.O. Box 749, Denver, Colorado 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2122' FSL/754' FWL  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

5. LEASE  
U-463

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
Natural Buttes Unit

8. FARM OR LEASE NAME  
Natural Buttes Unit

9. WELL NO.  
Natural Buttes Unit #52

10. FIELD OR WILDCAT NAME  
Natural Buttes Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 30-T9S-R22E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. API NO.  
43-047-30850

15. ELEVATIONS (SHOW DF, KDB, AND WD)

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:      SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON\*

(other) Change Casing Program

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	9-5/8"	36#	200'	125 sx
7-7/8"	5 1/2"	17#	7850'	Circulate cmt to surface to properly isolate the hydrocarbon bearing zones, the oil shale & shallow ground water.

DATE: 7/8/82  
BY: [Signature] TO: \_\_\_\_\_

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	9-5/8"	36#	200'	125 sx
7-7/8"	5 1/2"	17#	7850'	Circulate cmt to surface to properly isolate the hydrocarbon bearing zones, the oil shale & shallow ground water.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

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

SIGNED [Signature] TITLE Dist. Drlg. Manager DATE June 29, 1982

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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1. oil well  gas well  other

2. NAME OF OPERATOR  
Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR  
P. O. Box 749, Denver, Colorado 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2122' FSL / 754' FWL (NW SW)  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON\*

(other) Operations

SUBSEQUENT REPORT OF:

5. LEASE  
W-463

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
Natural Buttes Unit

8. FARM OR LEASE NAME  
Natural Buttes Unit

9. WELL NO.  
Natural Buttes Unit No. 52

10. FIELD OR WILDCAT NAME  
Natural Buttes Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 30-T9S-R22E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. API NO.  
43-047-30850

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5010' Ungr. Gr.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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Please see attached chronological for report of operations through July 15, 1982.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED *L. W. Thying* TITLE Dist. Drlg. Eng. DATE July 15, 1982  
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

Natural Buttes Unit

Uintah, Utah

AFE: 12948 WI: 100%

ATE: 6800' SD: 5-17-82/5-21-82

Coastal Oil &amp; Gas Corp., Oper.

AllWestern #4

9-5/8" @ 199GL; 5 1/2" @ 7695';

LOCATION: 2122' FSL/754' FWL

Section 30-T9S-R22E

TD: 7695'

PBSD: 7614'

Perf: 7372-7540' (8 holes)

6-9-82 7032'; TOOH w/Fish.

Run Freepoint, Set Down @ 6411' - Pipe 100% Free @ 6411'; Spud w/Core Barrel, Made 10' to 6421'; Backoff Fish @ 6385' (1 Jt off DC's); Circ Out Gas, Max Gas 2200 Units, Final BGG 600 Units, Full Returns; TOOH w/Fish (25 Stands & 2 Jts DP); PU Screw-In Sub & Tools; TIH w/Screw-In Sub, Bumper Sub, Jars, 9-6 1/2" DC's, Accelerator Jar; Wash 60' to Top of Fish @ 6385'; Circ & Cond Mud; Screw Into Fish & Jar 80,000# Over String Wt (Normal String Wt - 160,000#), Fish Started Moving Up Hole; Working Fish Free, Getting 35-50,000# Drag & Swabbing Hole For First 8 Stands Pulled, Then Fish Freed Up, POOH Now w/Fish. Will Perf Top Jt Above DC's if Needed. Hole Standing Full. MW 9.5, VIS 38, WL 11.2, PV 9, YP 4, Sand .75, Solids 9, pH 10, ALK.:Pf .50, Mf 2, CL 3600, GELS 10/15, Cake 2, MBT 22.5. Cum Csts: \$282,130.

6-10-82 7064'; (32' - 7 1/2 hrs); Drlg. 5 FPH.

POOH w/Fish, LD Fishing Tools - Well Started Flowing; TIH to 4400'; Circ Out 2400 Units Gas, Had 80 BBL gain; FTIH; Wash 385' to Btm; Drlg.; 10 Std Short Trip; Drlg. BGG 30, CG 90, Trip 2200, Short Trip 230. MW 9.7, VIS 46, WL 8.4, PV 14, YP 12, Sand 1 1/2, Solids 10, pH 10.5, ALK.:Pf .6, Mf 1.3, CL 5500, GELS 20/30, Cake 2, MBT 25. Cum Csts: \$297,850.

6-11-82 7247'; (183' - 23-3/4 hrs); Drlg. 8 FPH.

Drlg.; RS; Drlg. BGG 60, CG 100. Drlg. Brk: 7090'-100', rate 6-3-7 mpf, gas 60-190-40. MW 9.5, VIS 42, WL 8.4, PV 12, YP 10, Solids 10, pH 10, ALK.:Pf .6, Mf .2, CL 5000, CA 50, GELS 15/25, Cake 2, MBT 24. Cum Csts: \$310,250.

6-12-82 7456'; (209' - 23-3/4 hrs); Drlg.

Drlg.; Rig Ser; Drlg.; BGG 8, CG 50. Drlg. Brk: 7350'-64', rate 4.5-2.5-5.5 mpf, gas 10-150-34. MW 9.7, VIS 46, WL 8.8, PV 16, YP 4, Sand 1.5, Solids 11, pH 10.5, ALK.:Pf 0.5, Mf 2.3, CL 4500, GELS 15/30, Cake 2, MBT 22.5. Cum Csts: \$318,840.

6-13-82 7650'; (194' - 22 1/2 hrs); Drlg. Ahead Another 30'.

Drlg.; RS; Drlg.; Circ & WOO. BGG 70, CG 100. Drlg. Brks: 7492'-7528', rate 5-2-10 mpf, gas 30-160-60; 7568'-86', rate 10-2.5-7.5 mpf, gas 60-140-60. MW 9.6, VIS 43, WL 8.8, HT 12, PV 4, Sand 3/4, Solids 10, pH 10.5, CL 4000, GELS 10/25, Cake 2, CR +500, MBT 22. Cum Csts: \$327,790.

6-14-82 7680'; (30' - 3 1/2 hrs); Circ Hole.

Drlg.; 10 Std Short Trip; Circ for Logs; POOH SLM 7695'; RU Schlumberger, Ran DIL/FDC/CNL/Caliper; TIH w/DC's; LD 3 Plugged DC's; POOH w/DC's; Cut Drlg. Line; TIH w/DP; Circ Hole. BGG 70, CG 100, Trip 1800. Drlg. Brk: 7650'-58', rate 8.5-3.5-7 mpf, gas 80-100-60. MW 9.7, VIS 38, WL 10.6, PV 13, YP 5, Sand 3/4, Solids 11, pH 9.5, ALK.:Pf .3, Mf 1.8, CL 4000, GELS 8/27, Cake 2, MBT 22.5. Cum Csts: \$355,090.

6-15-82 7695'; Clean Mud Pits - Prep to Release Rig & Move to NBU #41J.

Circ Hole; Work Stuck DP Free; LD DP & DC's; RU Csg Crews; Ran 186 jts 5 1/2 17# & 20# Csg & Land @ 7695' w/FC @ 7652'; Shoe: 2.09'; 1 jts 20# N-80 42.17', FC 1.72; 77 jts 5 1/2 20# N-80 STC 3188'; 108 jts 17# 5 1/2 J-55 STC 4410'; 1 jt 5 1/2 20# N-80 STC, 4 1/2 Cmt w/Howco; Lead 1150 sx 50-50 poz w/8% Gel, Tail w/1710 sx 50-50 poz w/2% Gel, Circ 25 BBL Cmt to Surf. Cum Csts: \$433,058.

6-16-82 7695'; Moving Rig to NBU #41J.

Clean Pits, Rig Released 8:00 p.m., 6/15/82. Move Rig to #41J. Cum Csts: \$529,750.

6-17-82 thru 6-18-82 WO CU.6-19-82 WO CU.

Tag PBSD @ 7596' w/gauge ring & JB on slickline. Cum Csts: \$440,850.

6-20-82 thru 6-28-82 WO CU.6-29-82 TD 7695'; PBSD 7614'; Prep to flw back.

RU GO WL to run GR-CcL f/PBSD 7614' to 4700'; press tst csg to 4800 psi w/Western, held 5 min; RU GO to perf 5 1/2" csg 17# w/3-1/8" gun as per procedure: perf 1 JSPF (8 holes) @ 7372', 7379', 7385', 7391', 7518', 7529', 7534', 7540'; all shots fired; RD GO; RU Western & brk dwn using 3500 gal 3% KCl; hold safety meeting & press tst lines; est rate @ 18 BPM & 3000 psi; 73 bbl pmpd; ISDP 1800 psi; AR 18 BPM, AP 3000 psi; FCP 6500 psi, 16/64" CK, 2" stream wtr, gas TSTM. Cum Csts: \$472,919.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved. Budget Bureau No. 42-8385-5

12

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. REVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR: Coastal Oil & Gas Corp.

3. ADDRESS OF OPERATOR: P.O. Box 749, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements): At surface 2122' FSL & 754' FWL

At top prod. interval reported below Same

At total depth Same

RECEIVED AUG 23 1982

NWSW DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

U-463

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

Natural Buttes Unit

8. FARM OR LEASE NAME

Natural Buttes Unit

WELL NO.

NBU #52J

FIELD AND POOL, OR WILDCAT

Natural Buttes Field

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 30-T9S-R22E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

15. DATE SPUDDED 5-17-82 16. DATE T.D. REACHED 6-14-82 17. DATE COMPL. (Ready to prod.) 7-26-82 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 5010' Un Gr 19. ELEV. CASINGHEAD Unknown

20. TOTAL DEPTH, MD & TVD 7695' 21. PLUG, BACK T.D., MD & TVD 7614' 22. IF MULTIPLE COMPL., HOW MANY\* N/A 23. INTERVALS DELETED BY ROTARY TOOLS 0' - TD CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 5470' - 7540' Wasatch/Mesa Verde 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, FDC-CNL 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	202'	12 1/4"	125 sx	
5 1/2"	17#	7695'	7-7/8"	2860 sx	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					None		

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

Perforation					Acid/Shot/Frac		
DEPTH	START	STOP	SIZE	NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	
5470'	5565'	6443'	7029'	7379'	7529'	5470' - 7540'	Breakdown w/4600 gallons 3% KCl water.
5504'	5574'	6892' (2)	7034'	7385'	7534'		Frac w/80,000 gallons gelled water and 160,000 lbs. 20/40 sand
5506'	5892'	7017'	7372'	7391'	7540'		
5558'	5895'	7025'	Neutron-Density log depths				

33. PRODUCTION 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

33. Total 23 Holes. DATE FIRST PRODUCTION 7-26-82. PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing. WELL STATUS (Producing or shut-in) SI WO PLC

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-26-82	24	18/64"		0	2500	TSTM	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented. TEST WITNESSED BY K. E. Oden

35. LIST OF ATTACHMENTS: None

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED W. V. Gooden TITLE Production Engineer DATE 7-27-82

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval some (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Slicks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

**RECEIVED**  
 OIL & MINING DIVISION OF  
 GEOLOGIC MAPS  
 1983

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
<b>36. SUMMARY OF POROUS ZONES:</b> SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CURSION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			
<b>38. GEOLOGIC MAPS</b>			
			TRUE VERT. MEETE (+321')

NBU #52J (COGC)  
 Natural Buttes Unit  
 Uintah County, Utah  
 AFE: - 12948 WI: 100%  
 ATD: 6800' SD: 5-17-82/5-21-82  
 Coastal Oil & Gas Corp., Oper.  
 AllWestern #3, Contr.  
 9-5/8" @ 199' GL; 5½" @ 7695'

LOCATION: 2122' FSL & 754' FWL  
 Section 30-T9S-R22E  
 TD: 7695'  
 PBTD: 7614'  
 Perfs: 5470' - 7540' (23 Holes)

- 7-17-82 Flowing to pit after breakdown. FCP = 200 psi 20/64" CK 500 MCFD w/¼" stream water - surging.
- 7-18-82 Flowing to pit after breakdown. FCP = 300 20/64" CK 750 MCFD w/3-5 BW
- 7-19-82 Prep to SI for frac FCP = 300 20/64" CK 750 MCFD w/1-2 BW
- 7-20-82 FCP = 250 20/64" CK 650 MCFD w/0 BW SI @ 10 AM WO frac.
- 7-23-82 RU Western Company & frac Wasatch/Mesaverde perfs 5470' - 7540' (23 holes) down 5½" casing w/80,000 gallons gelled water & 160,000 lbs 20/40 sand: Load hole w/pad - 25 BPM @ 2220 psi, pad on perfs - 54 BPM @ 4100 psi, pump 1 ppg - 55 BPM @ 4250 psi, pump 2 ppg - 55 BPM @ 4150 BPM, pump 3 ppg - 56 BPM @ 4000 psi, pump 4 ppg - 56 BPM @ 3900 psi, flush w/3% KCl water 45 BPM @ 3500 psi, ISIP = 1700 psi 15 min = 1600 psi - Avg pressure = 4000 psi. Shut well in ON.
- 7-24-82 Flwg to pit to clean up after frac. SICP 750 psi; opn to pit on 18/64" CK @ 11 AM, 2" stream LW.
- 7-25-82 Flwg to pit to clean up after frac. FCP 550 psi, 18/64" CK, est 600 MCFD gas w/1" stream wtr.
- 7-26-82 Flwg to pit to clean up after frac. FCP 1350 psi, 18/64" CK, 2450 MCFD w/3-5 BW.
- 7-27-82 SI; WO PLC. FCP 1350 psi, 18/64" CK, 2600 MCFD w/0 BW; SI @ 9:00 AM. Completed as single SI GW 7-26-82 f/Wasatch/MV perfs (5470-7540', 23 holes); WO PLC. Cum Csts: \$526,700.
- 7-28-82 SI; WO PLC. SICP 2000 psi.
- 7-29-82 SI; WO PLC. SICP 2050 psi. Cum Csts: \$526,700. Drop f/report.

NBU #52J (COGC)

Natural Buttes Unit

Uintah County, Utah

AFE: 12948 WI: 100%

ATD: 6800' SD: 5-17-82/5-21-82

Coastal Oil &amp; Gas Corp., Oper.

AllWestern #4, Contr.

9-5/8" @ 199' GL; 5 1/2" @ 7695';

LOCATION: 2122' FSL & 754' FWL  
Sec: 30-T9S-R22E.

TD: 7695'

PBSD: 7614'

Perf: 5470-7540' (23 holes)

6-30-82 Flw back after brkdwn.Flw back after brkdwn, FCP 100 psi on 16/64" CK; CK partially plugged;  
opn to 21/64" f/16/64".7-1-82 Flw tst after brkdwn.

FCP 250, 18/64" CK: partial sd plugging; est wtr 10-15 BPD.

7-2-82 Flw tst after brkdwn.

FCP 30 psi, 22/64" CK, gas TSTM. Cum Csts: \$572,919.

7-3-82 SI f/press BU.

FCP 0 psi - well dead; SI @ 12:00 Noon f/press BU (MV perfs 7372-7540').

7-4-82 SI f/press BU.

SICP 600 psi.

7-5-82 SI f/press BU.

NR.

7-6-82 Prep to flw MV perfs 7372-7540' to pit.

SICP 750 psi. Cum Csts: \$472,919.

7-7-82 Flw tstg MV perfs 7372-7540' (8 holes).SICP 800 psi; opn to pit on 18/64" CK @ 10:30 AM; 2 PM FCP 25 psi,  
18/64" CK, no wtr w/gas TSTM. Cum Csts: \$472,919.7-8-82 Prep to perf Lower Wasatch (6892-7034', 6 holes).

FCP 25 psi, gas TSTM (vapor) w/no wtr. Cum Csts: \$472,919.

7-9-82 Flwg Wasatch/MV perfs 6892-7540' (14 holes).RU GO WL & perf Lower Wasatch w/3-1/8" csg gun as follows: 6892' (2),  
7017', 7025', 7029', 7034' (6 holes total); 8:15 PM opn to pit on 16/64" CK, blwg  
dry gas. Cum Csts: \$474,735.7-10-82 Flwg Wasatch/MV perfs 6897-7540' to pit.

FCP 25 psi, 18/64" CK, 75 MCFD w/0 BW.

7-11-82 Flw tstg Wasatch/MV perfs 6897-7540' to pit.

FCP 0 psi, gas TSTM &amp; no wtr.

7-12-82 Prep to SI.

FCP 0 psi, 18/64" CK, 0 BW w/gas TSTM. Cum Csts: \$474,735.

7-13-82 Prep to perf Wasatch 5470-6443' (9 holes).Flw tstg perfs 6892-7540' to pit, FCP 0 psi, 18/64" CK, 0 BW w/gas TSTM;  
SI @ 10:00 AM. Cum Csts: \$474,735.7-14-82 ~~Flwg perfs 5470-7540' (23 holes) to pit after brkdwn.~~SICP 200 psi; RU GO & perf Upper Wasatch w/3-1/8" csg gun w/1 JSPF as  
follows: 5470', 5504', 5506', 5558', 5565', 5574', 5892', 5895', 6443' Neutron Density  
depths (9 holes); RU Western; hold safety meeting & press tst lines to 4800 psi; brk  
dwn Wasatch/MV perfs 5470-7540' w/27 bbl 3% KCl wtr & 46 BS as follows: est rate, load  
hole @ 6.2 BPM w/1300 psi, 50 bbl displ; 1 ball/bbl @ 6.2 BPM w/1350 psi, 96 bbl displ;  
flush @ 6.6 BPM w/2000 psi, 276 bbl displ; good ball action; MP 3200 psi @ 6 BPM, AR 6.2  
BPM, AP 1800 psi; ISDP 1200 psi, 15 min 1000 psi; opn to pit on 18/64" CK. Cum Csts:  
\$481,625.7-15-82 Flwg to pit after brkdwn of perfs 5470-7540' (23 holes).

FCP 25 psi, 18/64" CK, 15-20 BW w/gas TSTM.

7-16-82 Flwg to pit after brkdwn of perfs 5470-7540' (23 holes).

FCP 175 psi, 18/64" CK, 1/4" stream wtr, est 150 MCFD. Cum Csts: \$481,625.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

5. LEASE	U-463
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	N/A
7. UNIT AGREEMENT NAME	Natural Buttes Unit
8. FARM OR LEASE NAME	Natural Buttes Unit
9. WELL NO.	Natural Buttes Unit #52
10. FIELD OR WILDCAT NAME	Natural Buttes Field
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	Section 30-T9S-R22E
12. COUNTY OR PARISH	Utah
13. STATE	Utah
14. API NO.	43-047-30850
15. ELEVATIONS (SHOW DF, KDB, AND WD)	

1. oil well  gas well  other

2. NAME OF OPERATOR  
Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR  
P.O. Box 749, Denver, Colorado 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2122' FSL/754' FWL  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) Operations <input checked="" type="checkbox"/>	X <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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

Well completed 7/26/82. Completion Report Filed 7/27/82.

Subsurface Safety Valve: Manu. and Type Set @ Ft.

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

SIGNED H. E. Aab TITLE Dist Drlg Mgr DATE August 16, 1982

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

FILE IN TRIPLICATE  
FORM OGC-8-X

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

\*REPORT OF WATER ENCOUNTERED DURING DRILLING\*

Well Name & Number COG NBU #52J  
Operator Coastal Oil & Gas Corp. Address P.O. Box 749, Denver, CO 80201  
Contractor Allwestern Drilling, Inc. Address P.O. Box 414, Vernal, UT 84078  
Location NW 1/4 SW 1/4 Sec. 30 T. 9S R. 20E County Uintah

Water Sands

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1.	<u>None Reported</u>		
2.			
3.			
4.			
5.			

(Continue of reverse side if necessary)

Formation Tops

Wasatch Fm. 4705' (+321')

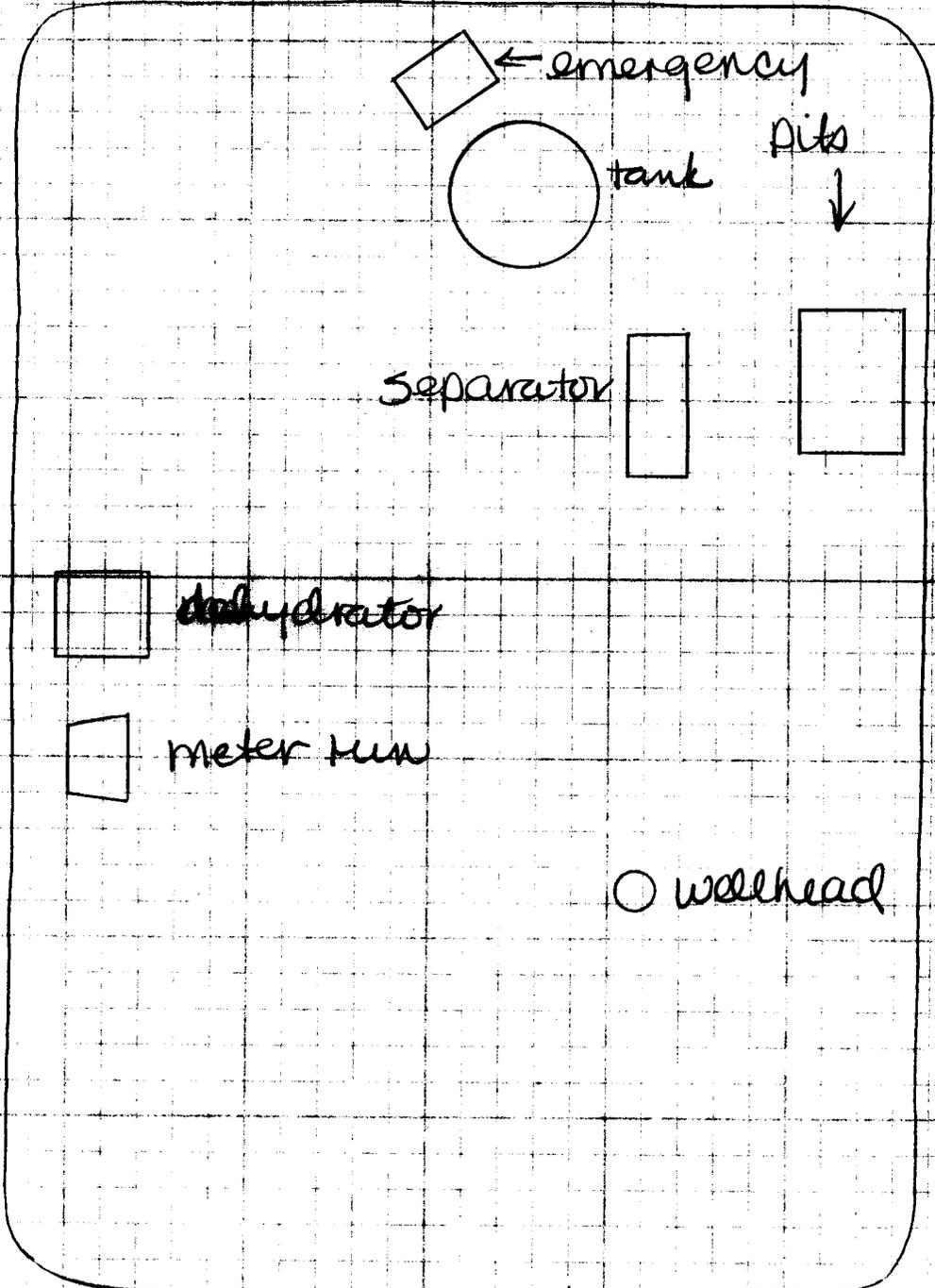
Remarks

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

NBU 52

Sec. 30, T9S, R22E

Block 4, 1/11/89



← emergency

tank

pits ↓

separator

dehydrator

meter run

wellhead

COLORADO INTERSTATE GAS COMPANY

WELL TEST DATA FORM

STATE COPY

WELL CODE 3		FIELD NAME <i>NATURAL BURNERS INT.</i>				OPERATOR CODE		OPERATOR NAME <i>Central Interstate Gas Co</i>				WELL NAME <i>N.B.W. 52T</i>																			
WELL CODE 73204		SECT. 31	LOCATION TOWNSHIP/BLK <i>9S 22E</i>		PANHANDLE MED CAVE SEQ. NUMBER <i>01250</i>		FORMATION <i>Mesa Verde Flow Test</i>																								
WELL ON (OPEN)		DATE (COMP.)				ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TBG/CSG PRESSURE		STATIC TBG/CSG PRESSURE		FLOWING STRONG TUBING CASING			
11-12	13-14	15-16	17-18	19-20	21-22	23	27	28	32	33	38	39	42	43	45	46	51	52	55	56	58	59	61	62	67	68	73	74	75		
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
11	16	72	11	23	72	01	250	12	107	17329	0	115	110	00535	0	06	30	077							00000	00807			X		
WELL-OFF (SHUT-IN)		SHUT-IN TEST				CASING PRESSURE (PSIG)		TUBING PRESSURE (PSIG)		SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS		EST TBG PRESS		TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.									
11-12	13-14	15-16	17-18	19-20	21-22	23	28	29	34	35	38	39	44	49	53	54	55														
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	E	E														
							01120		00000																						
METER STAMP		73204				01250		REMARKS: <i>NO TUBING Avg. readings on well!</i>																							

CIG: *H.K. Noel Cork G. Williams*  
 OPERATOR: \_\_\_\_\_  
 COMMISSION: \_\_\_\_\_

**COLORADO INTERSTATE GAS COMPANY  
WELL TEST DATA FORM**

**STATE COPY**

FIELD CODE <b>524-01-11</b>		FIELD NAME <b>NATURAL BUTTES, UT</b>				OPERATOR CODE <b>2915</b>	OPERATOR NAME <b>COASTAL OIL &amp; GAS CORPORATION</b>				WELL NAME <b>NATURAL BUTTES UNIT 52J</b>			
CODE <b>73204</b>	SECT. <b>30</b>	TOWNSHIP/BLK. <b>9S</b>	RGE/SUR. <b>22E</b>	SEQ. NUMBER	K-FACTOR	FORMATION <b>WASATCH SA FLOW TEST</b>								

WELL ON (OPEN)												FLOW TEST																							
DATE (COMP.)			ORIFICE SIZE	METER RUN SIZE		COEFFICIENT	GRAVITY (DEP.)	METER DIFF. RANGE	METER PRESSURE	DIFFERENTIAL ROOTS		METER TEMP	WELL HEAD TEMP	FLOWING TUB/CSG PRESSURE	STATIC TUB/CSG PRESSURE	FLOWING STRING																			
MO.	DAY	YR.		MO.	DAY					YR.	MO.					DAY	YR.	MO.	DAY	YR.	TUBING	CASING													
11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-46	47-48	49-50	51-52	53-54	55-56	57-58	59-60	61-62	63-64	65-66	67-68	69-70	71-72	73-74	75-76			
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
<b>06 29 83</b>			<b>07 06 83</b>			<b>01 250</b>		<b>2 067</b>		<b>0.83790</b>		<b>.612</b>		<b>100</b>		<b>00511</b>		<b>0</b>		<b>0500</b>		<b>075</b>		<b>01184.0</b>		<b>012920</b>									

WELL-OFF (SHUT-IN)												SHUT-IN TEST				SLOPE	EFFECTIVE DIAMETER	EFFECTIVE LENGTH	GRAVITY (RAW GAS)	EST CSG PRESS	EST TUB PRESS	TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.	
DATE			PRESSURE TAKEN		CASING PRESSURE (PSIG)	TUBING PRESSURE (PSIG)																	
MO.	DAY	YR.	MO.	DAY		YR.	MO.	DAY	YR.														
11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-46	47-48	49-50	51-52	53-54		55-56
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
<b>07 09 83</b>			<b>07 12 83</b>		<b>01472.0</b>		<b>01464.0</b>		<b>649</b>		<b>1</b>		<b>9950</b>		<b>5293</b>		<b>0.612</b>						

REMARKS: **TEST GOOD - CHOKED ON A 15**

73204 01250

CIG: *A.G. Williams*  
 OPERATOR: *BO. Johnson*  
 COMMISSION:

IG 896-773

**COLORADO INTERSTATE GAS COMPANY  
WELL TEST DATA FORM**

STATE COPY

FIELD CODE			FIELD NAME <b>NATURAL BUTES</b>						OPERATOR CODE		OPERATOR NAME <b>COASTAL OIL &amp; GAS CORP.</b>						WELL NAME <b>N.B.U. # 52-J</b>												
WELL CODE <b>73204</b>		SECT <b>30</b>	LOCATION TWN/BLK <b>9S 22E</b>		RGE/SUR.		PANHANDLE/REDCAVE SEQ. NUMBER		K-FACTOR		FORMATION <b>MESA VERDE</b>		FLOW TEST																
WELL ON (OPEN)			DATE (COMP.)			ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TBG/CSG PRESSURE		STATIC TBG/CSG PRESSURE		FLOWING STRING TUBING CASING	
MO.	DAY	YR.	MO.	DAY	YR.	23	27	28	32	33	38	39	42	43	45	46	51	52	55	56	58	59	61	62	67	68	73	74	75
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
01	04	73	01	11	83	01	250	02	067	073290	.615	100	00470.0	04	10	079													
WELL-OFF (SHUT-IN)			PRESSURE TAKEN			DATE			SHUT-IN TEST		SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS		EST TBG PRESS		TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.						
MO.	DAY	YR.	MO.	DAY	YR.	23	28	29	34	35	38	39	44	45	49	50	53	54	55	CIG: <i>K.G. Williams</i> OPERATOR: _____ COMMISSION: _____									
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	E	E										
7	27	72	12	30	82	017270	017270																						
METER STAMP	<b>73204</b>		<b>0.1250</b>		REMARKS: <i>TEST Good</i>																								

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
 Coastal Oil & Gas Corporation

3. Address and Telephone No.  
 P.O. Box 749, Denver, CO 80201-0749                      (303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 2122' FSL, 754' FWL  
 Section 30-T9S-R22E

5. Lease Designation and Serial No.  
 U-463

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

7. If Unit or CA, Agreement Designation  
 Natural Buttes Unit

8. Well Name and No.  
 NBU #52J

9. API Well No.  
 43-047-30850

10. Field and Pool, or exploratory Area  
 Natural Buttes

11. County or Parish, State  
 Uintah                      Utah

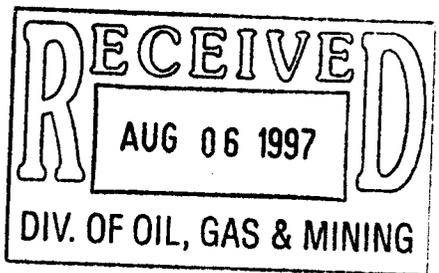
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Lwr tbg. acid. &amp; install</u>
	PLE
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please see the attached procedure for work to be performed in the subject well.



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

Signed Bonnie Carson Title Senior Environmental Analyst Date August 1, 1997

(This space for Federal or State office use)

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

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NBU #52J-30-9-22  
NATURAL BUTTES FIELD  
SECTION 30 T9S R22E  
WORKOVER PROCEDURE<sub>HWM</sub>

WELL DATA

LOCATION: 2122' FSL 754' FWL SEC. 30 T9S R22E  
ELEVATION: 5010' GR., 5026' KB.  
TD: 7695', PBSD 7614' (7/82); WLS 7534' (11/96)  
CSG: 9-5/8", 36.0#, K-55 @ 202' w/ 125 SX.  
5-1/2", 17.0#, J-55/N-80 @ 7695' w/ 2860 SX.  
TBG: 2-3/8", 4.7#, J-55 @ 5307'  
FORMATION(S): WASATCH/MESAVERDE 5470' - 7540', 23 HOLES (1982)

PROCEDURE

1. MI & RU pulling unit. Blow down & kill well w/ minimum amount of 2% KCL water. ND WH. NU BOP. Record BLTR.
2. RIH w/ 2-3/8" tbg to 6443'. RU service company. Spot 950 gal. 15% HCL acid w/ additives across perf's 5470' - 6443' to clean up possible scale. RD service company. PU above perf's & wait 3 hrs for acid to soak. RIH & land 2-3/8" tbg @ 6443' (new EOT).
4. ND BOP. NU WH. RD & MO pulling unit. RU swab unit. Swab/flow back to clean up.
5. Complete installation of plunger lift equipment. Return the well to sales.

DATE 7/16/97 WELL BU 52J  
 FOREMAN KB FIELD NATURAL BUTTES  
 KB 5026' GL 5010'

SECTION 30 TWS: T9S  
 COUNTY UINTAH RNG R22E  
 STATE UT

SPUD 5/17/82 COMP 7/26/82

**CASING RECORD**

SIZE	WT	GRADE	THD	AT	CMT
9-5/8"	36.0#	K-55		202'	125 SX.
5-1/2"	17.0#	K-55/N-80		7695	2860 SX.

**TUBING RECORD**

SIZE	WT	GRADE	THD	FROM	TO
2-3/8"	4.7#	J-55		0'	5307'
JTS	SN	AC	MUD ANCHOR		
161	5276'		SIZE LGTH		

**COMMENTS/PERFORATIONS:**

7/82

MESAVERDE 7372' - 7540' 8 HOLES W/ 3-1/8" C.G.

7372'	7518'
7379'	7529'
7385'	7534'
7391'	7540'

BD W/ 3500 GAL 3% KCL WATER

L. WASATCH 6892'-7034' 6 HOLES W/ 3-1/8" C.G.

6892'-2
7017', 7025', 7029', 7034'
6892'-7540'

IPF 75 MCF + MIST WTR 18/64" CK FCP 25#

WASATCH 5470' - 6443' 9 HOLES W/ 3-1/8" C.G.

5470'	5504'	5558'	5892'	6443'
	5506'	5565'	5895'	
		5574'		

5470'-7540'

BD W 1134 GAL KCL WTR + 48 BS'S

IPF 750 MCF + 2 BW 20/64" FCP 300 PSI

FRAC'D W/ 160,000 # 20/40 SD + 80,000 GAL GEL

IPF (7/26/82) 2600 MCF

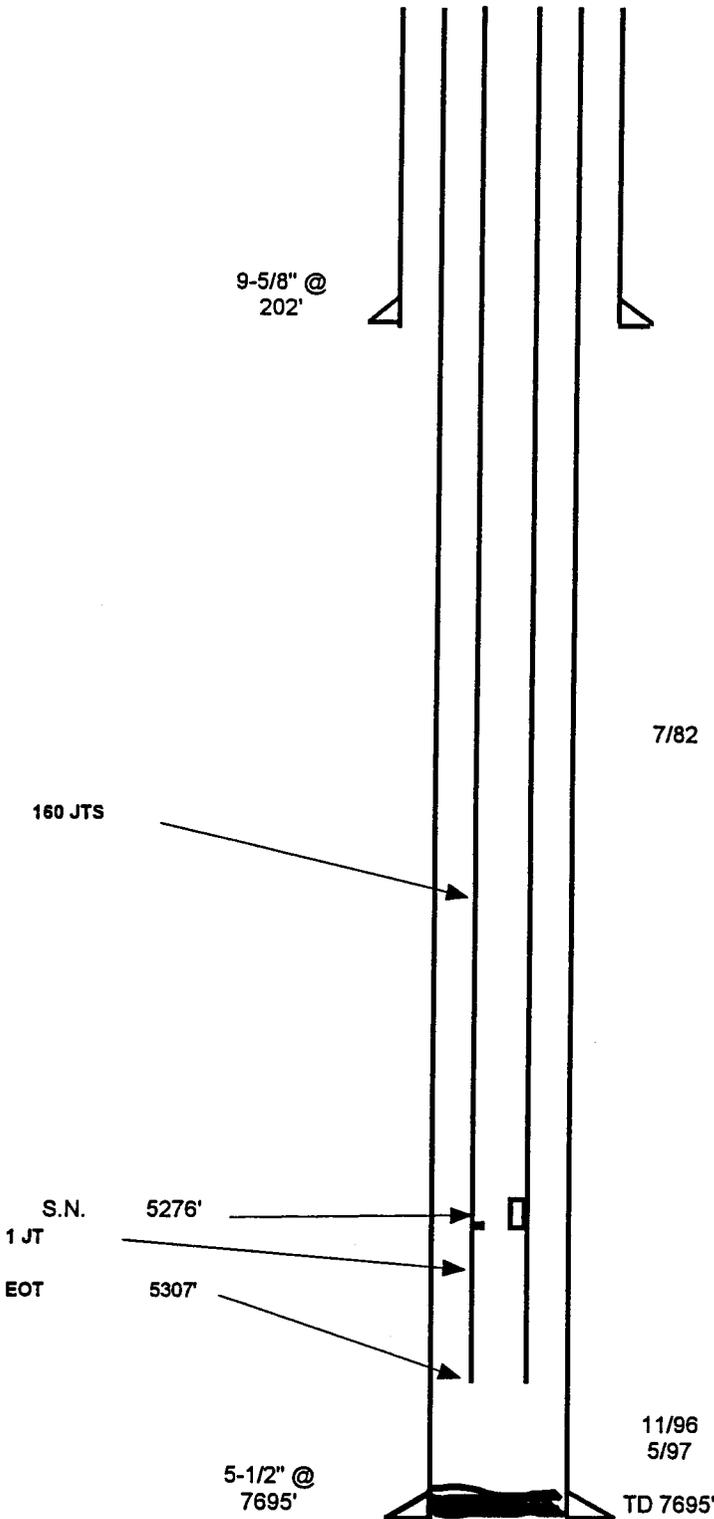
18/64" FCP 1325#

11/96

WLS PBTD @ 7534' - 2 OF 23 PERF'S COVERED

5/97

FLS FL @ 5276' - EOT 5307'



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-463

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU #52J

9. API Well No.

43-047-30850

10. Field and Pool, or exploratory Area

Natural Buttes

11. County or Parish, State

Uintah Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2122' FSL, 754' FWL  
Section 30-T9S-R22E

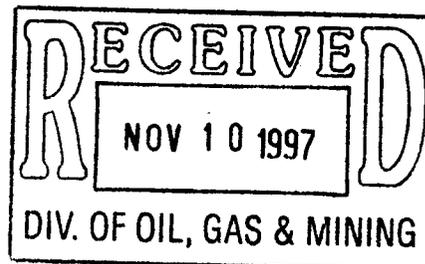
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(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please see the attached chronological history for work performed on the subject well.



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

Signed

*Bonnie Carson*

Title

Bonnie Carson  
Senior Environmental Analyst

Date

11/7/97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

NBU #52J  
Natural Buttes Unit  
Uintah County, Utah  
WI: 100.0%  
TD: 7695' CSG: 5½" @ 7695'  
PERFS: 5470'-7540'

Page 1

Acidize Well, Inst PLE

- 08/28/97 RU to acidize. MIRU GWS rig #101. Bled well to pit. RD WH, RU BOPs. POOH hanger. RIH 37 jts, 2½" tbg. PU hanger & land. RD BOPs, RU WH. Broach tbg. Remove 1 valve from tree. RIH w/ string - tbg hanger, 197 jts (2½", J-55), SN, 1 jt, NC. SN @ 6414'. EOT @ 6446'. RD & release GWS rig #101. SWSDFN.  
DC: \$5,769 TC: \$5,769
- 08/29/97 Fish tools, continue swabbing. MIRU B J Serv. PT lines to 1000 psi. Pump 22.6 bbls (950 gals) 15% HCl + additives. Flush w/ 24 bbls 2% KCl. Well on vac. Pump @ 3.5 BPM. Inst PLE. Wait 3 hrs. RU Delsco. Made 4 swab runs, lost tools. Pick up new tools. Cont. swabbing. Made 11 runs total, rec 48 bbls. IFL 5000', FFL 5400'. FCP 360 psi. SIFN. "Got acid back, will fish tools this am."  
DC: \$9,809 TC: \$15,578
- 08/30/97 Prep to swab. Try to blow tools to surface. Blew dead. RIH w/ overshot. Hit tool @ 700'. Went to btm. Made 3 runs w/ overshot, 4 w/ sand. Line spool drug fish 100' twice. RIH w/ swab. Made 11 swab runs, rec 58 bbls. IFL 4900', FFL 5400'. ICP 350 psi, FCP 360 psi. ITP 185 psi. SIFN.  
DC: \$1,480 TC: \$17,058
- 08/31/97 SI for pressure build up. Made 15 swab runs, rec 57 bbls. ITP 440 psi, FTP 0 psi. SICP 360 psi, FCP 370 psi. IFL 4900', FFL 5600'. SIFN / PBU. SIP two days. Will try to blow tools out of hole.  
DC: \$1,417 TC: \$18,475
- 09/01-02/97 SI for pressure build up. WO serv rig.
- 09/03/97 WO workover rig. Try to blow fish from well. ITP 520 psi, ICP 400 psi. Made 5 runs w/ inside sand line spool. SI well. WO workover rig.  
DC: \$1,101 TC: \$19,576
- 09/04-07/97 WO rig.
- 09/08/97 Prep to ND WH & NU BOP. MIRU CWS rig #26 & spot equip. SDFN.  
DC: \$1,425 TC: \$21,001
- 09/09/97 MIRU & RU swbg rig. Blow well down. ND WH, NU BOP. POOH w/ tbg. Recovered Delsco's swab tools & 3' sand line. RIH & broach tbg. Land tbg @ 6446' (192 jts) w/ NC on btm & PSN 1 jt above @ 6113'. ND BOP, NU WH. RDMO CWS rig #26.  
DC: \$1,785 TC: \$22,786
- 09/10/97 Swabbing. Made 15 runs, rec 52 bbls. Gas cut bad. SIFN. Will try again in morning. ITP 200 psi, FTP 0 psi. ICP 300 psi, FCP 340 psi. IFL 5400', FFL 4900'.  
DC: \$1,415 TC: \$24,201
- 09/11/97 Swabbing. Made 17 runs, rec 70 bbls. Trip plunger twice, will not come. Tried again, lots of water, gas cut. SIFN. ITP 340 psi, FTP 50 psi. ICP 350 psi, FCP 350 psi. IFL 5400', FFL 5600'. SIFN.  
DC: \$1,499 TC: \$25,700

09/12/97 Well on production. Blew well down. Made 4 runs, rec 14 bbls. Tripped 4 times. Put well on production line 9/13/97 @ 10:30 am. ITP 400#, FTP 250#. ICP 420#, FCP 350#. IFL 5000', FFL 5300'. Flwg 35 MCF, 10 BW, FTP 250#, CP 350#, on a 30/64" chk.  
DC: \$798 TC: \$26,498

09/14/97 Flwg 48 MCF, 10 BW, FTP 110#, CP 325#, on a 40/64" chk.

09/15/97 Flwg 63 MCF, 10 BW, FTP 125#, CP 300#, on a 40/64" chk, 20 hrs, hi-lo shut in line, plugged valve.

09/15/97 Flwg 40 MCF, 10 BW, FTP 97#, CP 353#, on a 40/64" chk, 4 hrs, dwn 20 hrs-plunger stuck.

09/16/97 Flwg 9 MCF, 5 BW, FTP 314#, CP 358#, on a 40/64" chk, 6 hrs, down 18 hrs - plunger sticking.

09/17/97 Flwg 116 MCF, 5 BW, FTP 76#, CP 319#, on a 40/64" chk, 24 hrs.

09/18/97 Flwg 76 MCF, 5 BW, FTP 97#, CP 313#, on a 40/64" chk, 24 hrs.

09/19/97 Flwg 54 MCF, 5 BW, FTP 289#, CP 316#, on a 40/64" chk, 24 hrs.

09/20/97 Flwg 63 MCF, 5 BW, FTP 134#, CP 303#, on a 40/64" chk, 24 hrs.

09/21/97 Flwg 73 MCF, 5 BW, FTP 69#, CP 316#, on a 40/64" chk, 24 hrs. Drop from report until wtr load is recovered.

10/10/97 Prior Production: 114 MCF, 0 BW, FTP: 82#, CP: 173#, LP: 75#, 30/64" ck  
Present Product: 145 MCF, 0 BW, FTP: 82#, CP: 152#, LP: 71#, 40/64" ck  
Final Report.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

43-047-30850

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

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

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See attached spreadsheet

5. Lease Designation and Serial No.

See attached spreadsheet

6. If Indian, Allottee or Tribe Name

See attached spreadsheet

7. If Unit or CA, Agreement Designation

See attached spreadsheet

8. Well Name and No.

See attached spreadsheet

9. API Well No.

See attached spreadsheet

10. Field and Pool, or exploratory Area

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11. County or Parish, State

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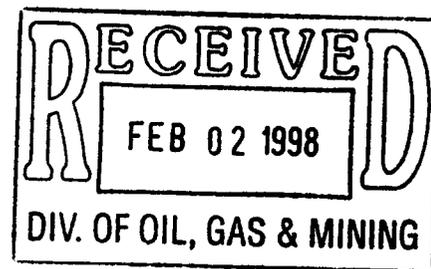
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	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
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	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The operator requests permission to empty produced water into tanks on the listed locations. The produced water will then be transported by truck to the underground injection well, NBU #159, located at NE/SW Section 35, T9S-R21E.



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

Signed

*Bonnie Carson*

Title

Bonnie Carson

Sr. Environmental Analyst

Date

1/28/98

(This space for Federal or State office use)

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

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

Well Name	API No.	Lease Designation & serial number	If Indian, Allottee or Tribe Name	Footages	Qtr/Qtr	Location	Field	County
CIGE 19	43-047-30459	ML-3141-A	Ute Tribe	1231' FWL & 1223' FSL	SWSW	Sec. 16-9S-21E	Natural Buttes	Uintah
CIGE 22	43-047-30501	U-0144868	N/A	1980' FNL & 1980' FWL	SENE	Sec. 15-9S-20E	Natural Buttes	Uintah
CIGE 30	43-047-30498	U-01791	N/A	1307' FNL & 1419' FWL	SWSE	Sec. 6-10S-21E	Natural Buttes	Uintah
CIGE 37D	43-047-30910	U-0576	Ute Surface	1031' FSL & 1481' FEL	SWSE	Sec. 21-9S-21E	Natural Buttes	Uintah
CIGE 44	43-047-30527	U-01188	Ute Tribal	513' FSL & 503' FEL	SESE	Sec. 9-9S-21E	Natural Buttes	Uintah
CIGE 45	43-047-30528	U-01193	Ute Tribe	1019' FNL & 778' FEL	NENE	Sec. 15-9S-21E	Natural Buttes	Uintah
CIGE 60	43-047-30549	U-01193	Ute Surface	2156' FNL & 1813' FWL	SENE	Sec. 14-9S-21E	Natural Buttes	Uintah
CIGE 61	43-047-30580	U-01193	Ute Surface	1815' FNL & 1822' FWL	SENE	Sec. 13-9S-21E	Natural Buttes	Uintah
CIGE 71	43-047-30636	U-0575	Ute Surface	1894' FSL & 804' FEL	NESE	Sec. 20-9S-21E	Natural Buttes	Uintah
CIGE 78C	43-047-30870	U-38409	Ute Tribe	1279' FNL & 1477' FWL	NENW	Sec. 16-9S-21E	Natural Buttes	Uintah
CIGE 86D	43-047-30886	ML-3282	Ute Tribe	1080' FSL & 1558' FEL	SWSE	Sec. 16-9S-21E	Natural Buttes	Uintah
CIGE 99D	43-407-31223	U-01189-ST	N/A	760' FNL & 1980' FEL	NWNE	Sec. 26-9S-21E	Natural Buttes	Uintah
CIGE 110	43-047-31959	UTU-0575B	Ute Surface	553' FSL & 2016' FEL	SWSE	Sec. 7-9S-21E	Natural Buttes	Uintah
CIGE 111D	43-047-32305	U-01193	Ute Surface	1041' FSL & 2265' FWL	SESW	Sec. 13-9S-21E	Natural Buttes	Uintah
CIGE 112D	43-047-31945	UTU-0581	N/A	660' FSL & 660' FEL	SESE	Sec. 19-9S-20E	Natural Buttes	Uintah
CIGE 120	43-047-32251	UTU-0144868	Ute Tribe	883' FNL & 1142' FEL	NENE	Sec. 15-9S-20E	Natural Buttes	Uintah
CIGE 121	43-047-32252	UTU-0144868	N/A	1996' FNL & 1980' FEL	SWNE	Sec. 15-9S-20E	Natural Buttes	Uintah
CIGE 122	43-047-32098	UTU-0149767	Ute Surface	1064' FNL & 918' FEL	NENE	Sec. 7-9S-21E	Natural Buttes	Uintah
CIGE 125	43-047-32084	UTU-01193	Ute Surface	707' FNL & 635' FWL	NESW	Sec. 16-9S-21E	Natural Buttes	Uintah
CIGE 127	43-047-32036	ML-3141	Ute Tribe	2175' FSL & 2200' FWL	NESW	Sec. 16-9S-21E	Natural Buttes	Uintah
CIGE 142	43-047-31994	ML-01189	N/A	1461' FNL & 847' FEL	SENE	Sec. 25-9S-21E	Natural Buttes	Uintah
CIGE156	43-047-32195	ML-3282	Ute Tribe	1776' FSL & 611' FEL	NESE	Sec. 16-9S-21E	Natural Buttes	Uintah
CIGE157	43-047-32160	UTU-38409	N/A	2200' FNL & 700' FWL	SWNW	Sec. 16-9S-21E	Natural Buttes	Uintah
CIGE 158	43-047-32158	UTU-0576	N/A	1980' FSL & 660' FEL	NESE	Sec. 21-9S-21E	Natural Buttes	Uintah
CIGE 163	43-047-32192	UTU-01193	Ute	1678' FNL & 803' FEL	SENE	Sec. 15-9S-21E	Natural Buttes	Uintah
CIGE 170	43-047-32403	U-01193	Ute Surface	632' FWL & 1775' FNL	SWNE	Sec. 14-9S-21E	Natural Buttes	Uintah
CIGE 171	43-047-32348	U-01095-A	Ute Tribe	377' FSL & 2008' FEL	SWSE	Sec. 15-9S-21E	Natural Buttes	Uintah
COGC 2	43-047-30967	U-0577-B	Ute Surface	802' FNL & 1902' FWL	NENW	Sec. 22-9S-20E	Natural Buttes	Uintah
NBU 6	43-047-30083	U-0149076	Ute Surface	1434' FEL & 1356' FSL	NWSE	Sec. 24-9S-21E	Natural Buttes	Uintah
NBU 42	43-047-31735	U-463	N/A	2181' FNL & 1621' FWL	SENE	Sec. 30-9S-22E	Natural Buttes	Uintah
NBU 45N	43-047-30875	U-0144868-B	N/A	1555' FSL & 792' FWL	SWSW	Sec. 12-9S-20E	Natural Buttes	Uintah
NBU 48N3	43-047-30538	U-0359	Ute	1866' FNL & 382' FWL	SWNW	Sec. 18-9S-22E	Natural Buttes	Uintah
NBU 49V	43-047-31249	U-463	N/A	1161' FNL & 2017' FEL	NWNE	Sec. 30-9S-22E	Natural Buttes	Uintah
NBU 52J	43-047-30850	U-463	N/A	2122' FSL & 754' FWL	NWSW	Sec. 30-9S-22E	Natural Buttes	Uintah
NBU 57N	43-047-30867	U-01194ST	N/A	570' FNL & 1925' FWL	NENW	Sec. 27-9S-21E	Natural Buttes	Uintah
NBU 63N3	43-047-31097	U-14317	Ute Surface	1980' FNL & 660' FWL	SWNW	Sec. 12-9S-21E	Natural Buttes	Uintah
NBU 64N3	43-047-31098	U-0575-B	Ute Tribe	1975' FSL & 751' FEL	NESE	Sec. 8-9S-21E	Natural Buttes	Uintah
NBU 78	43-047-31762	U-463	N/A	1239' FNL & 625' FWL	NWNW	Sec. 30-9S-22E	Natural Buttes	Uintah

Well Name	API No.	Lease Designation & serial number	If Indian, Allottee or Tribe Name	Footages	Qtr/Qtr	Location	Field	County
NBU 83J	43-047-31235	U-01194-A-ST	N/A	1532' FSL & 1835' FWL	NESW	Sec. 27-9S-21E	Natural Buttes	Uintah
NBU 104	43-047-31957	ML-3282	Ute Surface	1181' FNL & 986' FEL	SENE	Sec. 16-9S-21E	Natural Buttes	Uintah
NBU 106	43-047-31946	UTU-0576	N/A	1980' FSL & 1980' FWL	NESW	Sec. 21-9S-21E	Natural Buttes	Uintah
NBU 110	43-047-31924	UTU-0576	N/A	637' FNL & 698' FEL	NENE	Sec. 28-9S-21E	Natural Buttes	Uintah
NBU 119	43-047-31927	UTU-01416A	N/A	603' FNL & 528' FEL	NENE	Sec. 15-10S-21E	Natural Buttes	Uintah
NBU 121Y	43-047-32086	UTU-01193	Ute Surface	819' FNL & 2163' FEL	NWNE	Sec. 13-9S-21E	Natural Buttes	Uintah
NBU 122	43-047-32303	U-01193	Ute Tribe	1047' FSL & 678' FEL	NESE	Sec. 13-9S-21E	Natural Buttes	Uintah
NBU 124	43-047-31971	ML-3282	Ute Tribe	435' FNL & 2295' FEL	NWNE	Sec. 16-9S-21E	Natural Buttes	Uintah
NBU 125	43-047-32350	U-0575	N/A	760' FEL & 620' FSL	SESE	Sec. 17-9S-21E	Natural Buttes	Uintah
NBU126	43-047-32349	U-0576	N/A	2200' FWL & 1600' FNL	SENE	Sec. 21-9S-21E	Natural Buttes	Uintah
NBU 127	43-047-31963	UTU-0576	Ute Tribe	2285' FNL & 741' FWL	SWNW	Sec. 21-9S-21E	Natural Buttes	Uintah
NBU 128	43-047-31964	UTU-0576	Ute Surface	996' FSL & 951' FWL	SWSW	Sec. 21-9S-21E	Natural Buttes	Uintah
NBU 129	43-047-31965	UTU-010950A	Ute Tribe	2055' FNL & 569' FEL	SENE	Sec. 22-9S-21E	Natural Buttes	Uintah
NBU 130	43-047-31967	UTU-0147566	N/A	2159' FNL & 828' FWL	SWNW	Sec. 22-9S-21E	Natural Buttes	Uintah
NBU 133	43-047-31978	ML-22582	N/A	469' FSL & 1740' FEL	SWSE	Sec. 35-9S-21E	Natural Buttes	Uintah
NBU 144	43-047-32022	ML-22651	N/A	1501' FNL & 1719' FEL	SWNE	Sec. 2-10S-22E	Natural Buttes	Uintah
NBU 145	43-047-31976	ST-U-01194A	N/A	661' FNL & 1440' FEL	NWNE	Sec. 27-9S-21E	Natural Buttes	Uintah
NBU 175	43-047-32143	U-0576	N/A	1902' FWL & 658' FNL	SWNW	Sec. 28-9S-21E	Natural Buttes	Uintah
NBU 176	43-047-32144	U-0576	N/A	2071' FNL & 604' FWL	SWNW	Sec. 28-9S-21E	Natural Buttes	Uintah
NBU 177	43-047-32112	UTU-0581	N/A	1855' FSL & 760' FEL	NESE	Sec. 29-9S-21E	Natural Buttes	Uintah
NBU 178	43-047-32121	UTU-0581	N/A	466' FNL & 1781' FEL	NWNE	Sec. 30-9S-21E	Natural Buttes	Uintah
NBU 181	43-047-32161	UTU-0576	Ute Tribe	503' FSL & 1849' FWL	SESW	Sec. 9-9S-21E	Natural Buttes	Uintah
NBU 183	43-047-32122	U-01194A	N/A	2014' FNL & 646' FWL	SWNW	Sec. 27-9S-21E	Natural Buttes	Uintah
NBU 184	43-047-32170	UTU-0463	N/A	541' FSL & 1778' FWL	SESW	Sec. 30-9S-22E	Natural Buttes	Uintah
NBU 191	43-047-32298	U-010950-A	N/A	694' FSL & 383' FWL	SWSW	Sec. 15-9S-21E	Natural Buttes	Uintah
NBU 192	43-047-32299	U-0147566	N/A	753' FNL & 2013' FWL	NENW	Sec. 22-9S-21E	Natural Buttes	Uintah
NBU 193	43-047-32300	U-010950-A	N/A	660' FSL & 660' FWL	SWSW	Sec. 22-9S-21E	Natural Buttes	Uintah
NBU 194	43-047-32296	U-010959-A	N/A	1765' FSL & 1709' FWL	NESW	Sec. 22-9S-21E	Natural Buttes	Uintah
NBU 195	43-047-32355	U-014137	N/A	700' FNL & 2000' FEL	NWNE	Sec. 11-9S-21E	Natural Buttes	Uintah
NBU 199	43-047-32337	U-0576-A	Ute Surface	369' FWL & 460' FSL	SWSW	Sec. 9-9S-21E	Natural Buttes	Uintah
NBU 202	43-047-32338	U-0149767	N/A	900' FNL & 600' FEL	NENE	Sec. 8-9S-21E	Natural Buttes	Uintah
NBU 214	43-047-32466	U-01194A-ST	N/A	1945' FSL & 600' FWL	NWSW	Sec. 27-9S-21E	Natural Buttes	Uintah
NBU 312-2E	43-047-32288	ML-21510	Ute Surface	1181' FSL & 1992' FEL	SWSE	Sec. 2-9S-21E	Natural Buttes	Uintah
NBU 36Y	43-047-30603	U-0581	N/A	1545' FNL & 1250' FEL	SENE	Sec. 30-9S-21E	Natural Buttes	Uintah
NBU 166	43-047-32065	UTU-0576	N/A	941' FSL & 1693' FEL	SWSE	Sec. 28-9S-21E	Natural Buttes	Uintah

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No.

U-463

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU #52J

9. API Well No.

43-047-30850

10. Field and Pool, or exploratory Area

Natural Buttes

11. County or Parish, State

Uintah Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2122' FSL, 754' FWL  
Section 30-T9S-R22E

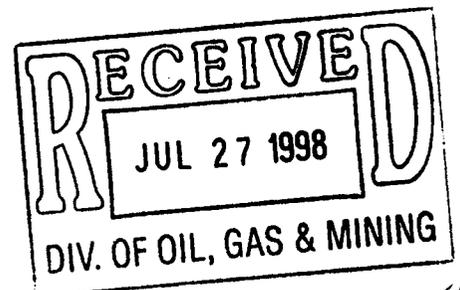
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Lwr tbg</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please see the attached chronological well history for work performed on the subject well.



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

Signed Bonnie Carson

Title Bonnie Carson Senior Environmental Analyst

Date 7/23/98

(This space for Federal or State office use)

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

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\* See Instruction on Reverse Side

**LOWER TUBING - Blanket AFE**

- 06/16/98 Prep to swb. MIRU. Blow well dwn & plunger d/n come up. ND WH, NU BOPS. RU floor & tbg equip. PU & RIH w/35 jts 2-3/8" tbg. Tag sd @ 7540'. LD 4 jts. Land tbg & SN. EOT @ 7431', SN @ 7398'. RU & broach tbg to SN. ND BOPS, NU WH. RUSU. IFL 5800'. Swb 20 BLF/5 runs. FFL 6100'. FTP 0 psi, FCP 250 psi. RD. SDFN. CC: \$ 4,766
- 06/17/98 Swb. SITP 20 psi, SICP 250 psi. RUSU. Swb 59 BLF/18 runs. IFL 6000', FFL 6600'. FTP 0 psi, FCP 300 psi. Wk blow. SDFN. CC: \$ 7,497
- 06/18/98 Swb. RUSU. SICP 300 psi, SITP 100 psi. RIH w/swb. Tag fluid @ 6200'. Swb 18 BLF/7 runs. FFL 7300'. FCP 300 psi. Drop 3 soap stks. SI f/PBU. CC: \$ 8,545
- 6/19/98 SDFS.
- 6/20/98 SI f/PBU. SITP 200 psi, SICP 300 psi. IFL 6300'. Swb 15 BLF/7 runs. FFL 7300'. FCP 300 psi. SI f/PBU. CC: \$ 9,393
- 6/21/98 Swb. SITP 80 psi, SICP 350 psi. RIH, tag fluid @ 4800'. Swb 35 BLF/12 runs. FFL 7300', FTP 0 psi, FCP 350 psi. SDFN. CC: \$10,874
- 6/22-24/98 SI f/PBU.
- 6/25/98 SI f/PBU. SITP 100 psi, SICP 350 psi. IFL 6500'. Swb 14 BLF/7 runs. Swbd dwn to SN. FTP 350 psi. Tbg dead. SI f/PBU. CC: \$11,922
- 6/26-7/06/98 SI.
- 7/07/98 RDMO PU. RU Delsco & swb. MIRU Delsco. RIH & ret plunger. RD Delsco. RDMO PU on NBU #222 & road rig to NBU #52J. MIRU PU. SICP 350 psi, FTP 100 psi. Blow well dn. ND WH, NU BOPS. RU floor & tbg equip. PU & LD hanger, 20 jts 2-3/8", 4.7#, J-55 tbg. PU hgr & land w/209 jts 2-3/8", 4.7#, J-55 tbg w/NC & SN. EOT @ 6797'. SN @ 6764'. RD floor & tbg equip. ND BOPS, NU WH. RU & broach tbg to SN @ 6764'. RU & swb. IFL 5700'. Swb 8 BLF/2 runs. FFL 5800'. FCP 300 psi, FTP 0 psi. RD swab. SDFN. CC: \$16,512
- 7/08/98 Rtn well to prod. MIRU SU. SICP 360 psi, SITP 100 psi. Blow dwn tbg. Swb 1 run, well kicked off. Cycle plunger 2 more times. Return well to prod. CC: \$17,337
- 7/09/98 Flwg 186 MCF, 1 BW, FTP 146 psi, CP 254 psi, 64/64" ck.
- 7/10/98 Flwg 174 MCF, 1 BW, FTP 168 psi, CP 277 psi, 64/64" ck.
- 7/11/98 Flwg 156 MCF, 1BW, FTP 88 psi, CP 271 psi, 64/64" ck.
- 7/12/98 Flwg 142 MCF, 1 BW, FTP 89 psi, CP 265 psi, 64/64" ck.
- 7/13/98 Flwg 128 MCF, 0 BW, FTP 89 psi, CP 256 psi, 64/64" ck. Prior production: Flwd 85 MCFPD.  
**Final Report.**

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 8 South 1200 East CITY Vernal STATE Utah ZIP 84078		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: _____ QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: UTAH		8. WELL NAME and NUMBER: Exhibit "A"
PHONE NUMBER: 435-789-4433		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT:

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

NAME (PLEASE PRINT) Coastal Oil & Gas Corporation		TITLE
John T. Elzner		Vice President
SIGNATURE	DATE	
	06-15-01	
NAME (PLEASE PRINT) El Paso Production Oil & Gas Company		TITLE
John T. Elzner		Vice President
SIGNATURE	DATE	
	06-15-01	

(This space for State use only)

**RECEIVED**  
JUN 19 2001  
DIVISION OF  
OIL, GAS AND MINING

State of Delaware  
Office of the Secretary of State

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PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

MAR 9 2001

DIVISION OF  
OIL, GAS AND MINING



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

CERTIFICATE OF AMENDMENT  
OF  
CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

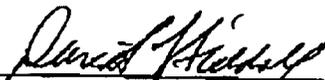
"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION

  
David L. Siddall  
Vice President

Attest:

  
Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 11:00 AM 03/09/2001  
010118394 - 0610204

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

# RECEIVED

JUL 12 2001

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:  
3106  
UTSL-065841  
(UT-924)

JUL 10 2001

### NOTICE

El Paso Production Oil & Gas Company : Oil and Gas  
Nine Greenway Plaza :  
Houston TX 77046-0095 :

#### Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta  
Acting Chief, Branch of  
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
~~State of Utah, DOGM~~, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

## Exhibit of Leases

UTUSL-065841A	UTU-47172	UTU-74415	UTU-53860
UTU-28652	UTU-50687	UTU-74416	UTU-66401
UTU-37943	UTU-52298	UTU-75091	UTU-67868
UTU-44089	UTU-0109054	UTU-75096	UTU-65389
UTU-44090A	UTU-0143511	UTU-75097	UTU-77084
UTU-61263	UTU-0143512	UTU-75673	UTU-61430
UTU-00343	UTU-38401	UTU-76259	UTU-72633
UTU-02651	UTU-38411	UTU-76260	UTU-72650
UTU-02651B	UTU-38418	UTU-76261	UTU-49692
UTU-0142175	UTU-38419	UTU-76493	UTU-57894
UTU-70235	UTU-38420	UTU-76495	UTU-76829
UTU-70406	UTU-38421	UTU-76503	UTU-76830
UTU-74954	UTU-38423	UTU-78228	UTU-76831
UTU-75132	UTU-38424	UTU-78714	
UTU-75699	UTU-38425	UTU-78727	
UTU-76242	UTU-38426	UTU-78734	
UTU-78032	UTU-38427	UTU-79012	
UTU-4377	UTU-38428	UTU-79011	
UTU-4378	UTU-53861	UTU-71694	
UTU-7386	UTU-58097	UTU-00576	
UTU-8344A	UTU-64376	UTU-00647	
UTU-8345	UTU-65222	UTU-01470D	
UTU-8347	UTU-65223	UTU-0136484	
UTU-8621	UTU-66746	UTU-8344	
UTU-14646	UTU-67178	UTU-8346	
UTU-15855	UTU-67549	UTU-8648	
UTU-25880	UTU-72028	UTU-28212	
UTU-28213	UTU-72632	UTU-30289	
UTU-29535	UTU-73009	UTU-31260	
UTU-29797	UTU-73010	UTU-33433	
UTU-31736	UTU-73013	UTU-34711	
UTU-34350	UTU-73175	UTU-46699	
UTU-34705	UTU-73434	UTU-78852	
UTU-37116	UTU-73435	UTU-78853	
UTU-37355	UTU-73444	UTU-78854	
UTU-37573	UTU-73450	UTU-075939	
UTU-38261	UTU-73900	UTU-0149767	
UTU-39223	UTU-74409	UTU-2078	
UTU-40729	UTU-74410	UTU-44426	
UTU-40736	UTU-74413	UTU-49530	
UTU-42469	UTU-74414	UTU-51026	

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH		4-KAS
2. CDW	✓	5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X** Merger

The operator of the well(s) listed below has changed, effective: **3-09-2001**

<b>FROM: (Old Operator):</b>
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

<b>TO: (New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

CA No.

Unit: NATURAL BUTTES

**WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
NBU CIGE 63D-29-9-22P	43-047-30949	2900	29-09S-22E	FEDERAL	GW	P
CIGE 116-29-9-22	43-047-31919	2900	29-09S-22E	FEDERAL	GW	P
NBU 329-29E	43-047-32229	2900	29-09S-22E	FEDERAL	GW	P
CIGE 189-29-9-22	43-047-32863	2900	29-09S-22E	FEDERAL	GW	P
NBU 389-29E	43-047-33049	2900	29-09S-22E	FEDERAL	GW	P
<del>NBU 52</del>	43-047-30850	2900	30-09S-22E	FEDERAL	GW	P
NBU 49V	43-047-31249	2900	30-09S-22E	FEDERAL	GW	P
NBU 49-30-9-22	43-047-31735	2900	30-09S-22E	FEDERAL	GW	P
COG NBU 78	43-047-31762	2900	30-09S-22E	FEDERAL	GW	P
NBU 184	43-047-32170	2900	30-09S-22E	FEDERAL	GW	P
NBU 186	43-047-32233	2900	30-09S-22E	FEDERAL	GW	P
NBU 236	43-047-32994	2900	30-09S-22E	FEDERAL	GW	P
NBU 278	43-047-33011	2900	30-09S-22E	FEDERAL	GW	DRL
NBU 356	43-047-33232	2900	30-09S-22E	FEDERAL	GW	P
NBU 354	43-047-33231	2900	31-09S-22E	FEDERAL	GW	P
NBU CIGE 27-33-9-22	43-047-30738	2900	33-09S-22E	FEDERAL	GW	P
NBU CIGE 64D-33-9-22P	43-047-30950	2900	33-09S-22E	FEDERAL	GW	P
COG NBU 93	43-047-31753	2900	33-09S-22E	FEDERAL	GW	P
CIGE 109D-33-9-22	43-047-31754	2900	33-09S-22E	FEDERAL	GW	P
NBU 112	43-047-31930	2900	33-09S-22E	FEDERAL	GW	P

**OPERATOR CHANGES DOCUMENTATION**

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
- Is the new operator registered in the State of Utah: YES Business Number: 608186-0143



JAN. 17. 2003 3:34PM

WESTPORT

NO. 173 P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436  
Telephone: 303 573 5404 Fax: 303 573 5609

February 1, 2002

Department of the Interior  
Bureau of Land Management  
2850 Youngfield Street  
Lakewood, CO 80215-7093  
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203  
BLM Nationwide Bond 158626364  
Surety - Continental Casualty Company  
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.  
Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.  
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.  
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,  
Westport Oil and Gas Company, L.P.

Debby J. Black  
Engineer Technician

Encl:



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:  
3106  
UTU-25566 et al  
(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas  
410 Seventeenth Street, #2300 :  
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

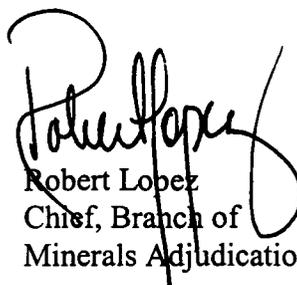
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405  
UTU-20895  
UTU-25566  
UTU-43156  
UTU-49518  
UTU-49519  
UTU-49522  
UTU-49523



Robert Lopez  
Chief, Branch of  
Minerals Adjudication

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

# memorandum

Branch of Real Estate Services  
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to  
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES  
Ute Energy & Mineral Resources Department: Executive Director  
chrono





# United States Department of the Interior

BUREAU OF INDIAN AFFAIRS  
Washington, D.C. 20240

FEB 10 2003

IN REPLY REFER TO:  
Real Estate Services

Carroll A. Wilson  
Principal Landman  
Westport Oil and Gas Company, L.P.  
1368 South 1200 East  
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

Director, Office of Trust Responsibilities

ACTING

Enclosure



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.  
Attn: Gary D. Williamson  
1670 Broadway, Suite 2800  
Denver, Colorado 80202

Re: Natural Buttes Unit  
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Natural Buttes Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Natural Buttes Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Natural Buttes Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File - Natural Buttes Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL    OIL WELL     GAS WELL     OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:  
**Exhibit "A"**

2. NAME OF OPERATOR:  
**El Paso Production Oil & Gas Company**

9. API NUMBER:

3. ADDRESS OF OPERATOR:    PHONE NUMBER:  
**9 Greenway Plaza    Houston    TX    77064-0995    (832) 676-5933**

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: \_\_\_\_\_ COUNTY: \_\_\_\_\_  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: \_\_\_\_\_ STATE: **UTAH**

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

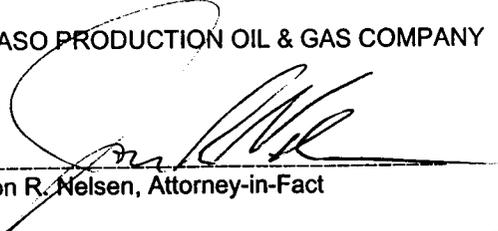
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

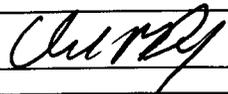
Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # \_\_\_\_\_  
State Surety Bond No. RLB0005236  
Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

By:   
Jon R. Nelsen, Attorney-in-Fact

**RECEIVED**  
**FEB 28 2003**  
DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.  
NAME (PLEASE PRINT) David R. Dix    TITLE Agent and Attorney-in-Fact  
SIGNATURE     DATE 12/17/02

(This space for State use only)

Form 3160-5  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS  
Do not use this form for proposals to drill or reenter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.  
**SEE ATTACHED EXHIBIT "A"**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
**SEE ATTACHED EXHIBIT "A"**

9. API Well No.  
**SEE ATTACHED EXHIBIT "A"**

10. Field and Pool, or Exploratory Area

11. County or Parish, State  
**UINTAH COUNTY, UT**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**WESTPORT OIL & GAS COMPANY, L.P.**

3a. Address  
**P.O. BOX 1148 VERNAL, UT 84078**

3b. Phone No. (include area code)  
**(435) 781-7023**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SEE ATTACHED EXHIBIT "A"**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>SUCCESSOR OF OPERATOR</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zc Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed if testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED  
MAR 04 2003

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

Name (Printed/Typed) **CHERYL CAMERON** Title **OPERATIONS**

Signature *Cheryl Cameron* Date **March 4, 2003**

DIV. OF OIL, GAS & MINING

**THIS SPACE FOR FEDERAL OR STATE USE**

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

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW ✓
3. FILE

**X Change of Operator (Well Sold)**

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **12-17-02**

<b>FROM: (Old Operator):</b>	<b>TO: (New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

**CA No. Unit: NATURAL BUTTES**

**WELL(S)**

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 329-29E	29-09S-22E	43-047-32229	2900	FEDERAL	GW	P
CIGE 189-29-9-22	29-09S-22E	43-047-32863	2900	FEDERAL	GW	P
CIGE 219-29-9-22	29-09S-22E	43-047-32864	2900	STATE	GW	P
NBU 389-29E	29-09S-22E	43-047-33049	2900	FEDERAL	GW	P
NBU 341-29E	29-09S-22E	43-047-33055	2900	STATE	GW	P
CIGE 240	29-09S-22E	43-047-33207	2900	STATE	GW	P
NBU 323	30-09S-22E	43-047-34050	99999	FEDERAL	GW	APD
NBU 356	30-09S-22E	43-047-33232	2900	FEDERAL	GW	P
NBU 236	30-09S-22E	43-047-32994	2900	FEDERAL	GW	P
NBU 278	30-09S-22E	43-047-33011	2900	FEDERAL	GW	TA
NBU 184	30-09S-22E	43-047-32170	2900	FEDERAL	GW	P
NBU 186	30-09S-22E	43-047-32233	2900	FEDERAL	GW	P
COG NBU 78	30-09S-22E	43-047-31762	2900	FEDERAL	GW	P
NBU 137	30-09S-22E	43-047-31939	2900	STATE	GW	P
<b>NBU 52J</b>	30-09S-22E	43-047-30850	2900	FEDERAL	GW	P
NBU 49V	30-09S-22E	43-047-31249	2900	FEDERAL	GW	P
NBU 42-30-9-22	30-09S-22E	43-047-31735	2900	FEDERAL	GW	P
NBU 50N2	31-09S-22E	43-047-30835	2900	STATE	GW	P
NBU CIGE 5-31-9-22	31-09S-22E	43-047-30335	2900	STATE	GW	P
NBU CIGE 51D-31-9-22	31-09S-22E	43-047-30889	2900	STATE	GW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
5. If **NO**, the operator was contacted on: \_\_\_\_\_

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 03/18/2003
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/18/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: RLB 0005236

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 158626364

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: RLB 0005239

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238

2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
 WESTPORT OIL & GAS COMPANY, L.P.

3a. Address  
 P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)  
 (435) 781-

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 Multiple Wells - see attached

5. Lease Serial No.  
 Multiple Wells - see attached

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
 891008900A

8. Well Name and No.  
 Multiple Wells - see attached

9. API Well No.  
 Multiple Wells - see attached

10. Field and Pool, or Exploratory Area  
 Natural Buttes Unit

11. County or Parish, State  
 Uintah County, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part IIIC.a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped. The average NBU well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached. Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

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

Name (Printed/Typed) J.T. Conley Title Operations Manager  
 Signature *J.T. Conley* Date 9-2-2003  
 Initials *JTC*

SEP 10 2003  
DIV OF OIL GAS & MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
 Office Oil, Gas and Mining  
 Date: 9/16/03

Federal Approval of This Action is Necessary

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CIGE 276	21-10-21 SWNW	UTU02278	891008900A	430473441700S1
CIGE 277	21-10-21 NWNW	UTU02278	891008900A	430473480000S1
CIGE 278	14-10-21 NESE	UTU01393C	891008900A	430473444500S1 ✓
CIGE 279	14-10-21 SESE	UTU01393C	891008900A	430473447900S1 ✓
CIGE 280	5-10-22 SWNW	UTU01195	891008900A	430473444300S1 ✓
CIGE 281	5-10-22 NWSW	UTU01191A	891008900A	430473444400S1 ✓
CIGE 282	7-10-22 NENE	ML23609	891008900A	430473444300S1 ✓
CIGE 283	35-9-21 SESE	ML22582	891008900A	430473479000S1 ✓
CIGE 284	1-10-21 SWNW	ML23612	891008900A	430473479200S1
CIGE 285	2-10-21 NENE	ML22652	891008900A	430473479300S1
CIGE 286	9-10-21 SENE	U01416	891008900A	430473479700S1
CIGE 287	9-10-21 NWSE	U01416	891008900A	430473479800S1
CIGE 288	21-9-21 NWSE	UTU0576	891008900A	430473486500S1 ✓
CIGE 289	7-9-21 NWSE	UTU0575B	891008900A	430473486500S1 ✓
CIGE 290	10-10-21 NESE	UTU0149079	891008900A	430473486900S1
CIGE 291	10-10-21 NWSE	UTU0149079	891008900A	430473486800S1
CIGE 292	8-10-22 SESE	UTU01196E	891008900A	430473487100S1
CIGE 293	8-10-22 SWSE	UTU01196E	891008900A	430473483800S1
CIGE 294	8-10-22 NENW	UTU468	891008900A	430473487000S1
CIGE 295	14-10-22 NENW	UTU01197A-ST	891008900A	430473482000S1
CIGE 296	14-10-22 NWNW	U01197A-ST	891008900A	430473485800S1 ✓
CIGE 297	14-10-22 SWNW	U01197A-ST	891008900A	430473485700S1 ✓
CIGE 298	9-10-22 SESW	UTU01196B	891008900A	430473485500S1
CIGE 299	14-10-22 NWSW	UTU468	891008900A	430473485900S1
NBU 004	23-9-21 NESE	UTU0149075	891008900A	430473005600S1
NBU 006	24-9-21 NWSE	UTU0149076	891008900A	430473008300S1
NBU 015	26-9-21 SESW	U99070-01	891008900A	430473020400S1
NBU 016	34-9-22 SWSE	UTU0149077	891008900A	430473020900S1
NBU 018	10-10-22 SWNE	UTU025187	891008900A	430473022100S1
NBU 020	28-9-21 NESW	U05676	891008900A	430473025000S1
NBU 022	18-10-22 SENE	ML22973	891008900A	430473025600S1
NBU 023	19-9-22 SWNE	UTU0284	891008900A	430473086800S1
NBU 024N2	12-10-22 SESE	U01197A	891008900A	430473053500S1
NBU 026	27-9-21 CSE	U01194A	891008900A	430473025200S1 ✓
NBU 027	33-9-21 NESW	U015630	891008900A	430473030400S1
NBU 027A	33-9-21 SWNE	U015630	891008900A	430473039800S1
NBU 028	13-10-21 NWSE	ML23608	891008900A	430473030500S1
NBU 029	11-10-21 NESW	UTU0149080	891008900A	430473030200S1
NBU 030	16-10-22 SWSE	ML22653	891008900A	430473030600S1
NBU 031	11-10-22 SESW	U01197A	891008900A	430473030700S1 ✓
NBU 032Y	20-9-22 NWNW	UTU0284	891008900A	430473051400S1
NBU 033Y	18-10-21 NWNW	UTU02270A	891008900A	430473050400S1
NBU 035Y	29-9-21 NWSE	UTU0581	891008900A	430473050300S1
NBU 036Y	30-9-21 SENE	UTU0581	891008900A	430473060300S1
NBU 037XP	3-10-22 SESE	UTU01191A	891008900A	430473072400S1
NBU 038N2	13-10-22 NWSW	U06512	891008900A	430473053600S1
NBU 039	29-10-22 SWSW	UTU0132568A	891008900A	430473086100S1
NBU 041J	31-9-22 NWSW	ML23607	891008900A	430473122400S1 ✓
NBU 042	30-9-22 SENW	U463	891008900A	430473173500S1
NBU 043	26-10-20 NWSE	UTU4476	891008900A	430473084800S1
NBU 045N2	12-9-20 NWSW	UTU0144868B	891008900A	430473087500S1
NBU 046	4-10-22 NWSE	UTU01191	891008900A	430473051300S1
NBU 047N2	30-10-22 SESW	UTU0132568A	891008900A	430473053400S1
NBU 048N3	18-9-22 SWNW	UTU0359	891008900A	430473053800S1
NBU 049	30-9-22 NWNE	U463	891008900A	430473124900S1
NBU 050N2	31-9-22 NWNW	ML23607	891008900A	430473083500S1 ✓
NBU 051J	32-9-22 NWSE	ML22649	891008900A	430473123400S1 ✓
NBU 052J	30-9-22 NWSW	U463	891008900A	430473085000S1
NBU 053	9-9-21 SENW	UTU0149767	891008900A	430473083700S1
NBU 054	32-9-22 NESW	ML22649	891008900A	430473089000S1 ✓
NBU 056N2	28-9-21 NESE	U05676	891008900A	430473088400S1
NBU 057N3	27-9-21 NENW	U01194	891008900A	430473086700S1 ✓

**Westport Oil & Gas, L.P.**

**Project Economics Worksheet**

**Instructions:** Fill in blue areas with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name: **Condensate Shrinkage Economics**

Is this job a well pull or production rig job ???  N  (Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
<b>Totals</b>	<b>\$0</b>	<b>\$350</b>	<b>\$350</b>

**Increased OPX Per Year**

**Investment Breakdown:**

	Cap/Exp Code	Cost, \$
Capital \$	820/830/840	\$1,200
Expense \$	830/840	\$0
Total \$		\$1,200

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.10	\$/MCF
Electric Cost	\$ -	\$/ HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.62	\$/MCF

**Production & OPX Detail:**

	Before		After		Difference
Oil Production	0.192	BOPD	0.194	BOPD	0.002
Gas Production	0	MCFPD	0	MCFPD	0
Wtr Production	0	BWPD	0	BWPD	0
Horse Power		HP		HP	0
Fuel Gas Burned		MCFPD		MCFPD	0

**Project Life:**

Life =  Years  
(Life no longer than 20 years)

**Internal Rate of Return:**

After Tax IROR =

**AT Cum Cashflow:**

Operating Cashflow =  (Discounted @ 10%)

**Payout Calculation:**

$$\text{Payout} = \frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}} = 1$$

Payout occurs when total AT cashflow equals investment  
See graph below, note years when cashflow reaches zero

Payout =  Years or  Days

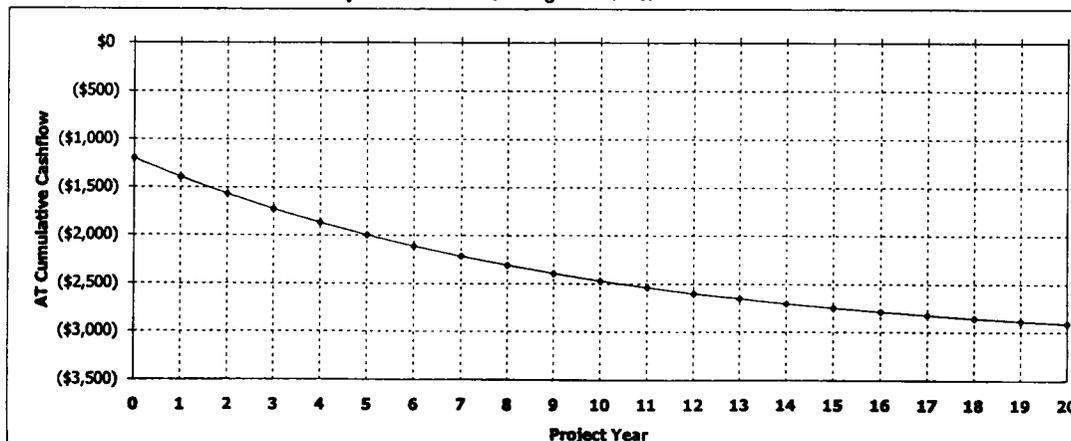
**Gross Reserves:**

Oil Reserves = 6 BO  
Gas Reserves = 0 MCF  
Gas Equiv Reserves = 38 MCFE

**Notes/Assumptions:**

**An average NBU well produces 0.192 Bcpd with no tank pressure. The production is increased to 0.194 Bcpd if 4 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.**

**Project: Condensate Shrinkage Economics**



**Westport Oil and Gas, Inc.**

**NBU/Ouray Field**

RFL 2003-022

**COMPARISON OF FLASH BACK PRESSURES**

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio (scf/STbbl) (A)	Specific Gravity of Flashed Gas (Air=1.000)	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				

**Calculated at Laboratory Flash Conditions**

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

**Calculated Flash with Backpressure using Tuned EOS**

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

- |        |
|--------|
| 1. DJJ |
| 2. CDW |

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/6/2006**

**FROM: (Old Operator):**  
 N2115-Westport Oil & Gas Co., LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

**TO: ( New Operator):**  
 N2995-Kerr-McGee Oil & Gas Onshore, LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

WELL NAME	CA No.	Unit:	NATURAL BUTTES UNIT			
	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on:
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet

7. **Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006

8. **Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: \_\_\_\_\_
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG  
 The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.

**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SEE ATTACHED**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other <b>CHANGE OF OPERATOR</b>

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

**RECEIVED**

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

**MAY 10 2006**

DIV. OF OIL, GAS & MINING

**BLM BOND = C01203**  
**BIA BOND = RLB0005239**

**APPROVED 5/16/06**

*Earlene Russell*

**Division of Oil, Gas and Mining**  
**Earlene Russell, Engineering Technician**

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

Name (Printed/Typed)

**RANDY BAYNE**

Title

**DRILLING MANAGER**

Signature

*Randy Bayne*

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

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**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**WESTPORT OIL & GAS COMPANY L.P.**

3a. Address  
**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)  
**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SEE ATTACHED**

5. Lease Serial No.  
**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State  
**UINTAH COUNTY, UTAH**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
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<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

**APPROVED** 5/16/06  
*Earlene Russell*  
 Division of Oil, Gas and Mining  
 Earlene Russell, Engineering Technician

**RECEIVED**  
 MAY 10 2006

DIV OF OIL, GAS & MINING

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

Name (Printed/Typed) <b>BRAD LANEY</b>	Title <b>ENGINEERING SPECIALIST</b>
Signature <i>Brad Laney</i>	Date <b>May 9, 2006</b>

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by <i>Brad Laney</i>	Title	Date <b>5-9-06</b>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Colorado State Office  
2850 Youngfield Street  
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :  
1999 Broadway, Suite 3700 : Oil & Gas  
Denver, CO 80202 :

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell  
Martha L. Maxwell  
Land Law Examiner  
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



# United States Department of the Interior



BUREAU OF LAND MANAGEMENT  
Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>

IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

## Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of  
Fluid Minerals

## Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare  
Dave Mascarenas  
Susan Bauman

RECEIVED

MAR 28 2006

DIR. OF OIL, GAS & MINERALS

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-463
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> NBU 52J
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047308500000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6515 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2122 FSL 0754 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 30 Township: 09.0S Range: 22.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 11/8/2011	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input checked="" type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The Operator requests to plug back and abandon the existing Wasatch perforations, and recomplete the subject well in the Green River formation. Please see attached procedure for details. Thank you.

**Accepted by the Utah Division of Oil, Gas and Mining**

Date: 12/12/2011

By: *Derek Quist*

<b>NAME (PLEASE PRINT)</b> Jaime Scharnowske	<b>PHONE NUMBER</b> 720 929-6304	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/8/2011	



December 5, 2011

Mrs. Diana Mason  
Division of Oil, Gas and Mining  
P.O. Box 145801  
Salt Lake City, UT 84114-6100

RE: NBU 52J  
T9S-R21E  
Section 33: NESW  
Surface: 2122' FSL, 754' FWL  
Uintah County, Utah

Dear Mrs. Mason:

Kerr-McGee Oil & Gas Onshore LP has submitted a permit to drill the captioned well to test the Green River formation. The well is located at an exception location to Cause No. 197-1. The surface location of this well location is less than 1,000' from the unit boundary. Kerr-McGee owns 100% of the leasehold in the offset lands and has no objection to the exception location.

Kerr-McGee requests your approval of this exception location. If you have any questions or require any additional information, please do not hesitate to call me at 720-929-6081.

Sincerely,

A handwritten signature in blue ink that reads 'Brett Torina'.

Brett Torina  
Landman

# Greater Natural Buttes Unit



**NBU 52J**

**PLUGBACK WASATCH AND COMPLETE GREEN RIVER**

**DATE:11/2/2011**

**API#:4304730850**

**AFE#**

**USER ID:CKW374** (Frac Invoices Only)

**COMPLETIONS ENGINEER:** James Page, Denver, CO  
720-929-6747 (Office)  
303-501-2731 (Cell)

**SIGNATURE:**

**ENGINEERING MANAGER: JEFF DUFRESNE**

**SIGNATURE:**

**REMEMBER SAFETY FIRST!**

**Name:** NBU 52J**Location:** NW SE SEC 30 T9S R22E**LAT: 40.00574 LONG: -109.48723 COORDINATE: NAD27 (Surface Location)****Uintah County, UT****Date:** 11/2/2011**ELEVATIONS:** 5010' GL 5026' KB *Frac Registry TVD: 7614'***TOTAL DEPTH:** 7700'**PBTD:** 7614'**SURFACE CASING:** 9 5/8", 36# K-55@ 202'**PRODUCTION CASING:** 5 1/2", 17# J-55# @ 7695'

Marker Joints: Update from CBL

**TUBULAR PROPERTIES:**

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
5 1/2" 17# J-55 (See above)	5320	4910	4.767"	0.0232	0.9764
2 7/8" by 5 1/2" Annulus				0.0152	0.6392

**TOPS:**

1457' Green River Top  
 1638' Bird's Nest Top  
 2127' Mahogany Top  
 4706' Wasatch Top

**BOTTOMS:**

\*Based on latest geological interpretation

CBL: Required

**GENERAL:**

- A minimum of **5** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Schlumbergers Induction-Density-Neutron log dated 6/13/82
- **1** fracturing stages required for coverage.
- Procedure calls for **2** CBP's (**8000** psi) and 1 CIBP (10,000 psi)
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Pump scale inhibitor at 3 gpt (in pad and until 1.25 ppg ramp up is reached) and 10 gpt in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 20/40 mesh Ottawa sand, **Slickwater frac.**
- Maximum surface pressure **4000** psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). Stage acid and scale inhibitor if necessary to cover the next perforated interval.

- **Call flush at 0 PPG @ inline densimeters. Slow to 5 bbl/min over last 10-20 bbls of flush. Flush to top perf.**
- **If distance between plug and top perf of previous stage is less than 50', it is considered to be tight spacing - over flush stage by 5 bbls (from top perf)**
- Originally completed on 7/23/82

**Existing Perforations:**

Formation	Top	Bottom	SPF
WASATCH	5470	5470	1
WASATCH	5504	5504	1
WASATCH	5506	5506	1
WASATCH	5558	5558	1
WASATCH	5565	5565	1
WASATCH	5574	5574	1
WASATCH	5892	5892	1
WASATCH	5895	5895	1
WASATCH	6892	6892	1
WASATCH	7017	7017	1
WASATCH	7025	7025	1
WASATCH	7029	7029	1
WASATCH	7034	7034	1
WASATCH	7372	7372	1
WASATCH	7379	7379	1
WASATCH	7385	7385	1
WASATCH	7391	7391	1
WASATCH	7518	7518	1
WASATCH	7529	7529	1
WASATCH	7534	7534	1
WASATCH	7540	7540	1

**Relevant History:**

6-14-82 New drill cemented- cement circulated to surface, 1150 sx lead, 1710 sx tail 50-50 poz mix

7/23/1982 Original Wasatch Completion

9/29/2011 Well is intermitting and fluctuates gas production as a result of line pressure. No workovers have been performed as the well is lower MBX with relatively stable decline since 1982. The well is depleted to 136# tbg 150# csg. Recommend we look into Green River Potential and plugback existing perforations.

**PROCEDURE: (If using any chemicals for pickling tubing or H2S Scavenging, have MSDS for all chemicals prior to starting work.)**

1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
2. POOH w/ tubing
3. RUN CBL to surface to ensure good cement over Green River Target
4. PLUG #1, ISOLATE WAS PERFORATIONS (5470' – 7540'): RIH W/ 5 1/2" CIBP. SET @ ~5450'. RELEASE CBP, PUH 10', BRK CIRC W/ FRESH WATER. PRESSURE TEST CASING TO 500 PSI. INFORM ENGINEERING IF IT DOESN'T TEST. DISPLACE A MINIMUM OF 25 SX / 28.6 CUFT. ON TOP OF PLUG. PUH ABOVE TOC (~5240'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
5. Set CBP at 4752'
6. ND BOPs and NU frac valves. Test frac valves and casing to 1000 psi for 15 minutes and to 4000 psi for 30 minutes. As per standard operating procedure install steel blowdown line to reserve pit from 5-1/2" X 9-5/8" annulus. Lock **OPEN** the Braden head valve. Annulus will be monitored throughout stimulation. If release occurs, stimulation will be shut down. Well conditions will be assessed and actions taken as necessary to secure the well. UDOGM will be notified if a release to the annulus occurs.
7. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:
 

Zone	From	To	spf	# of shots
Green River	4700	4702	4	8
8. Perform Bottom Perf Breakdown
9. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:
 

Zone	From	To	spf	# of shots
Green River	4612	4614	4	8
Green River	4640	4646	4	24
10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~4612' and flush only with recycled water.
11. Set 8000 psi CBP at ~4562. Call for tubing.
12. ND Frac Valves, NU and Test BOPs.
13. TIH with 3 7/8" bit, pump off sub, SN and tubing.
14. Drill plugs and clean out to 4710'. Shear off bit and land tubing at **±4550'** unless indicated otherwise by the well's behavior.
15. Clean out well with foam and/or swabbing unit until steady flow has been established from completion.
16. **Leave surface casing valve open.** Monitor and report any flow from surface casing. RDMO

**For design questions, please call  
James Page, Denver, CO  
720-929-6747 (Office)  
303-501-2731 (Cell)**

**For field implementation questions, please call  
Jeff Samuels, Vernal, UT  
(435)-781-7046 (Office)**

NOTES:

**If using any chemicals for pickling tubing or H2S Scavenging, have MSDS for all chemicals prior to starting work**

**Verify that the Braden head valve is locked OPEN.**

Acid Pickling and H2S Procedures (If Required)

**\*\*PROCEDURE FOR PUMPING ACID DOWN TBG**

WHEN FINDING SCALE IN TUBING THAT IS ACID SOLUBLE, ENSURE THAT PLUNGER EQUIPMENT IS REMOVED AND ABLE TO PUMP DOWN TBG. INSTALL A 'T' IN PUMP LINE W/2" VALVE THAT NALCO CAN TIE INTO. HAVE 60 BBL 2% KCL MIXED W/ 10-15 GAL H2S SCAVENGER IN RIG FLAT TANK. (WE USED THE RIG FLAT TANK FOR MIXING CHEMICAL SO WE DIDN'T HAVE THE CHEMICAL IN ALL FLUIDS ON LOCATION, ONLY WHAT WE NEEDED TO PUMP DOWN HOLE)

1. PUMP 5-10 BBL 2% KCL DOWN TBG (NALCO CANNOT PUMP AGAINST PRESSURE)
2. NALCO WILL PUMP 3 DRUMS HCL (31%) INTO PUMP LINE.
3. FLUSH BEHIND ACID WITH 10-15 BBL 2% KCL
4. PUMP 2—30 BBL 2% W/ H2S SCAVENGER DOWN TBG.
5. PUMP REMAINDER OF 2% W/ H2S SCAVENGER DOWN CASING AND SHUT WELL IN FOR MINIMUM OF 2 HRS.
6. OVER DISPLACE DOWN TBG AND CSG TO FLUSH ACID AND SCAVENGER INTO FORMATION
7. MONITOR TUBING FOR FLOW AND CASING FOR H2S NOW AS POOH W/ TUBING.

**\*\* PROCEDURE FOR PUMPING H2S SCAVENGER WITHOUT ACID**

PRIOR TO RIG MOVING ON OR AS RIG PULLS ONTO LOCATION. TEST CASING, TUBING AND SEPARATOR FOR H2S. IF FOUND MAKE SURE THAT PLUNGER SYSTEM IS REMOVED (IT IS POSSIBLE TO PUMP AROUND PLUNGERS BUT SOME WILL HAVE A STANDING VALVE IN SEATING NIPPLE).

1. MIX 10-15 GAL H2S SCAVENGER WITH 60-100 BBL 2% KCL IN RIG FLAT TANK.
2. PUMP 25 BBL MIXTURE DOWN TUBING AND REST DOWN CASING. SHUT WELL IN FOR 2 HOURS.
3. IF WELL HAS PRESSURE AFTER 2 HOURS – RETEST CASING AND TUBING FOR H2S.
4. FLUSH TUBING AND CASING PUSHING H2S SCAVENGER INTO FORMATION.
5. MONITOR TUBING FOR FLOW AND CASING FOR H2S NOW AS POOH W/ TUBING.

\*\* As per APC standard operating procedure, APC foreman will verify ALL volumes pumped and record on APC Volume Report Form

Key Contact information

Completion Engineer

James Page: 720-929-6747, 303-501-2731

Production Engineer

Brad Laney: 435/781-7031, 435/828-5469

Jordan Portillo: 435/781-9785, 435/828-6221

Laura M. Wellman: 435/781-9748, 435/322-0118

Completion Supervisor Foreman

Jeff Samuels: 435-828-6515, 435-781-7046

Completion Manager

Jeff Dufresne: 720-929-6281, 303-241-8428

Vernal Main Office

435-789-3342

Emergency Contact Information—Call 911

Vernal Regional Hospital Emergency: 435-789-3342

Police: (435) 789-5835

Fire: 435-789-4222

**Name** NBU 52J  
**Perforation and CBP Summary**

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	Green River	4612	4614	4	8	4612	to	4618
	Green River	4640	4646	4	24	4636	to	4662
	Green River	4700	4702	4	8	4696	to	4705
	Green River							
	# of Perfs/stage				40	CBP DEPTH	4,562	
	Totals				40			

Fracturing Schedules

Name NBU 52J  
Slickwater Frac

Copy to new book

Recompleted?  Y  
Part?  Y  
ACTS?  Y

Swabbing Days 3  
Production Log 0  
DFIT 0

Enter Number of swabbing days here for recompletes  
Enter 1 if running a Production Log  
Enter Number of DFITs

Stage	Zone	Perfs		SPF	Holes	Rate BPM	Fluid Type	Initial ppg	Final ppg	Fluid	Volume gals	Cum Vol gals	Volume BBLs	Cum Vol BBLs	Fluid % of frac	Sand % of frac	Sand lbs	Cum. Sand lbs	Foorage from CBP to Flush	Scale Inhib., gal.	
		Top. ft.	Bot. ft.																		
1	GREENRIVER	4612	4614	4	8	Varied	Pump-in test			Slickwater		0	0	0							
	GREENRIVER	4640	4646	4	24	0	ISIP and 5 min ISIP			Slickwater	9,840	9,840	234	234	15.0%	0.0%	0	0		15	
	GREENRIVER	4700	4702	4	8	50	Slickwater Pad			Slickwater	18,587	28,427	443	677	28.3%	18.1%	16,844	16,844		30	
	GREENRIVER					50	Slickwater Ramp	0.25	1.56	Slickwater	0	28,427	0	677	0.0%	0.0%	0	16,844		56	
	GREENRIVER					50	ISW Sweep	0	1.88	Slickwater	18,587	47,013	443	1,119	28.3%	34.3%	31,946	48,790		0	
	GREENRIVER					50	ISW Sweep	1.56	0	Slickwater	5,250	52,263	125	1,244	0.0%	0.0%	0	48,790		0	
	GREENRIVER					50	Slickwater Ramp	0.63	1.88	Slickwater	3,000	55,263	71	1,316	4.0%	4.0%	3,750	52,540		0	
	GREENRIVER					50	Slickwater Ramp	1.88	2.5	Slickwater	18,587	73,850	443	1,758	28.3%	43.6%	40,658	93,198		0	
	GREENRIVER					50	Flush (5-1/2) ISDP and 5 min ISDP			Slickwater	4,503	78,353	107	1,866				93,198		15	
										Sand laden Volume	65,600							1,190	lbs sand/mc-ft		
											Flush depth	4612						1,600	CBP depth	4,562	50
											Total Fluid	78,353 gals						Total Sand	93,198		
												1,866 bbls						Total Scale Inhib. =	115		

Service Company Supplied Chemicals - Job Totals

Friction Reducer	37	gals @	0.5	GPT
Surfactant	74	gals @	1.0	GPT
Clay Stabilizer	74	gals @	1.0	GPT
15% Hcl	250	gals @	250	gal/stg
Iron Control for acid	1	gals @	5.0	GPT of acid
Surfactant for acid	0	gals @	1.0	GPT of acid
Corrosion Inhibitor for acid	1	gals @	2.0	GPT of acid

Third Party Supplied Chemicals Job Totals - Include Pumping Charge if Applicable

Scale Inhibitor	115	gals pumped per schedule above		
Biocide	37	gals @	0.5	GPT

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-463
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<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047308500000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6515 Ext
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<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input checked="" type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
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	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 50px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The Operator requests to plug back and abandon the existing Wasatch perforations, and recomplete the subject well in the Green River formation. Please see attached procedure for details. Thank you.

**Accepted by the Utah Division of Oil, Gas and Mining**

Date: 12/12/2011

By: *Derek Quist*

<b>NAME (PLEASE PRINT)</b> Jaime Scharnowske	<b>PHONE NUMBER</b> 720 929-6304	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/8/2011	



December 5, 2011

Mrs. Diana Mason  
Division of Oil, Gas and Mining  
P.O. Box 145801  
Salt Lake City, UT 84114-6100

RE: NBU 52J  
T9S-R21E  
Section 33: NESW  
Surface: 2122' FSL, 754' FWL  
Uintah County, Utah

Dear Mrs. Mason:

Kerr-McGee Oil & Gas Onshore LP has submitted a permit to drill the captioned well to test the Green River formation. The well is located at an exception location to Cause No. 197-1. The surface location of this well location is less than 1,000' from the unit boundary. Kerr-McGee owns 100% of the leasehold in the offset lands and has no objection to the exception location.

Kerr-McGee requests your approval of this exception location. If you have any questions or require any additional information, please do not hesitate to call me at 720-929-6081.

Sincerely,

A handwritten signature in blue ink that reads "Brett Torina".

Brett Torina  
Landman

# Greater Natural Buttes Unit



**NBU 52J**

**PLUGBACK WASATCH AND COMPLETE GREEN RIVER**

**DATE:11/2/2011**

**API#:4304730850**

**AFE#**

**USER ID:CKW374** (Frac Invoices Only)

**COMPLETIONS ENGINEER:** James Page, Denver, CO  
720-929-6747 (Office)  
303-501-2731 (Cell)

**SIGNATURE:**

**ENGINEERING MANAGER: JEFF DUFRESNE**

**SIGNATURE:**

**REMEMBER SAFETY FIRST!**

**Name:** NBU 52J**Location:** NW SE SEC 30 T9S R22E**LAT: 40.00574 LONG: -109.48723 COORDINATE: NAD27 (Surface Location)****Uintah County, UT****Date:** 11/2/2011**ELEVATIONS:** 5010' GL 5026' KB *Frac Registry TVD: 7614'***TOTAL DEPTH:** 7700'**PBTD:** 7614'**SURFACE CASING:** 9 5/8", 36# K-55@ 202'**PRODUCTION CASING:** 5 1/2", 17# J-55# @ 7695'

Marker Joints: Update from CBL

**TUBULAR PROPERTIES:**

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
5 1/2" 17# J-55 (See above)	5320	4910	4.767"	0.0232	0.9764
2 7/8" by 5 1/2" Annulus				0.0152	0.6392

**TOPS:**

1457' Green River Top  
 1638' Bird's Nest Top  
 2127' Mahogany Top  
 4706' Wasatch Top

**BOTTOMS:**

\*Based on latest geological interpretation

CBL: Required

**GENERAL:**

- A minimum of **5** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Schlumbergers Induction-Density-Neutron log dated 6/13/82
- **1** fracturing stages required for coverage.
- Procedure calls for **2** CBP's (**8000** psi) and 1 CIBP (10,000 psi)
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Pump scale inhibitor at 3 gpt (in pad and until 1.25 ppg ramp up is reached) and 10 gpt in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 20/40 mesh Ottawa sand, **Slickwater frac.**
- Maximum surface pressure **4000** psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). Stage acid and scale inhibitor if necessary to cover the next perforated interval.

- **Call flush at 0 PPG @ inline densimeters. Slow to 5 bbl/min over last 10-20 bbls of flush. Flush to top perf.**
- **If distance between plug and top perf of previous stage is less than 50', it is considered to be tight spacing - over flush stage by 5 bbls (from top perf)**
- Originally completed on 7/23/82

**Existing Perforations:**

Formation	Top	Bottom	SPF
WASATCH	5470	5470	1
WASATCH	5504	5504	1
WASATCH	5506	5506	1
WASATCH	5558	5558	1
WASATCH	5565	5565	1
WASATCH	5574	5574	1
WASATCH	5892	5892	1
WASATCH	5895	5895	1
WASATCH	6892	6892	1
WASATCH	7017	7017	1
WASATCH	7025	7025	1
WASATCH	7029	7029	1
WASATCH	7034	7034	1
WASATCH	7372	7372	1
WASATCH	7379	7379	1
WASATCH	7385	7385	1
WASATCH	7391	7391	1
WASATCH	7518	7518	1
WASATCH	7529	7529	1
WASATCH	7534	7534	1
WASATCH	7540	7540	1

**Relevant History:**

6-14-82 New drill cemented- cement circulated to surface, 1150 sx lead, 1710 sx tail 50-50 poz mix

7/23/1982 Original Wasatch Completion

9/29/2011 Well is intermitting and fluctuates gas production as a result of line pressure. No workovers have been performed as the well is lower MBX with relatively stable decline since 1982. The well is depleted to 136# tbg 150# csg. Recommend we look into Green River Potential and plugback existing perforations.

**PROCEDURE: (If using any chemicals for pickling tubing or H2S Scavenging, have MSDS for all chemicals prior to starting work.)**

1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
2. POOH w/ tubing
3. RUN CBL to surface to ensure good cement over Green River Target
4. PLUG #1, ISOLATE WAS PERFORATIONS (5470' – 7540'): RIH W/ 5 1/2" CIBP. SET @ ~5450'. RELEASE CBP, PUH 10', BRK CIRC W/ FRESH WATER. PRESSURE TEST CASING TO 500 PSI. INFORM ENGINEERING IF IT DOESN'T TEST. DISPLACE A MINIMUM OF 25 SX / 28.6 CUFT. ON TOP OF PLUG. PUH ABOVE TOC (~5240'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
5. Set CBP at 4752'
6. ND BOPs and NU frac valves. Test frac valves and casing to 1000 psi for 15 minutes and to 4000 psi for 30 minutes. As per standard operating procedure install steel blowdown line to reserve pit from 5-1/2" X 9-5/8" annulus. Lock **OPEN** the Braden head valve. Annulus will be monitored throughout stimulation. If release occurs, stimulation will be shut down. Well conditions will be assessed and actions taken as necessary to secure the well. UDOGM will be notified if a release to the annulus occurs.
7. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:
 

Zone	From	To	spf	# of shots
Green River	4700	4702	4	8
8. Perform Bottom Perf Breakdown
9. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:
 

Zone	From	To	spf	# of shots
Green River	4612	4614	4	8
Green River	4640	4646	4	24
10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~4612' and flush only with recycled water.
11. Set 8000 psi CBP at ~4562. Call for tubing.
12. ND Frac Valves, NU and Test BOPs.
13. TIH with 3 7/8" bit, pump off sub, SN and tubing.
14. Drill plugs and clean out to 4710'. Shear off bit and land tubing at **±4550'** unless indicated otherwise by the well's behavior.
15. Clean out well with foam and/or swabbing unit until steady flow has been established from completion.
16. **Leave surface casing valve open.** Monitor and report any flow from surface casing. RDMO

**For design questions, please call  
James Page, Denver, CO  
720-929-6747 (Office)  
303-501-2731 (Cell)**

**For field implementation questions, please call  
Jeff Samuels, Vernal, UT  
(435)-781-7046 (Office)**

NOTES:

**If using any chemicals for pickling tubing or H2S Scavenging, have MSDS for all chemicals prior to starting work**

**Verify that the Braden head valve is locked OPEN.**

Acid Pickling and H2S Procedures (If Required)

**\*\*PROCEDURE FOR PUMPING ACID DOWN TBG**

WHEN FINDING SCALE IN TUBING THAT IS ACID SOLUBLE, ENSURE THAT PLUNGER EQUIPMENT IS REMOVED AND ABLE TO PUMP DOWN TBG. INSTALL A 'T' IN PUMP LINE W/2" VALVE THAT NALCO CAN TIE INTO. HAVE 60 BBL 2% KCL MIXED W/ 10-15 GAL H2S SCAVENGER IN RIG FLAT TANK. (WE USED THE RIG FLAT TANK FOR MIXING CHEMICAL SO WE DIDN'T HAVE THE CHEMICAL IN ALL FLUIDS ON LOCATION, ONLY WHAT WE NEEDED TO PUMP DOWN HOLE)

1. PUMP 5-10 BBL 2% KCL DOWN TBG (NALCO CANNOT PUMP AGAINST PRESSURE)
2. NALCO WILL PUMP 3 DRUMS HCL (31%) INTO PUMP LINE.
3. FLUSH BEHIND ACID WITH 10-15 BBL 2% KCL
4. PUMP 2—30 BBL 2% W/ H2S SCAVENGER DOWN TBG.
5. PUMP REMAINDER OF 2% W/ H2S SCAVENGER DOWN CASING AND SHUT WELL IN FOR MINIMUM OF 2 HRS.
6. OVER DISPLACE DOWN TBG AND CSG TO FLUSH ACID AND SCAVENGER INTO FORMATION
7. MONITOR TUBING FOR FLOW AND CASING FOR H2S NOW AS POOH W/ TUBING.

**\*\* PROCEDURE FOR PUMPING H2S SCAVENGER WITHOUT ACID**

PRIOR TO RIG MOVING ON OR AS RIG PULLS ONTO LOCATION. TEST CASING, TUBING AND SEPARATOR FOR H2S. IF FOUND MAKE SURE THAT PLUNGER SYSTEM IS REMOVED (IT IS POSSIBLE TO PUMP AROUND PLUNGERS BUT SOME WILL HAVE A STANDING VALVE IN SEATING NIPPLE).

1. MIX 10-15 GAL H2S SCAVENGER WITH 60-100 BBL 2% KCL IN RIG FLAT TANK.
2. PUMP 25 BBL MIXTURE DOWN TUBING AND REST DOWN CASING. SHUT WELL IN FOR 2 HOURS.
3. IF WELL HAS PRESSURE AFTER 2 HOURS – RETEST CASING AND TUBING FOR H2S.
4. FLUSH TUBING AND CASING PUSHING H2S SCAVENGER INTO FORMATION.
5. MONITOR TUBING FOR FLOW AND CASING FOR H2S NOW AS POOH W/ TUBING.

\*\* As per APC standard operating procedure, APC foreman will verify ALL volumes pumped and record on APC Volume Report Form

Key Contact information

Completion Engineer

James Page: 720-929-6747, 303-501-2731

Production Engineer

Brad Laney: 435/781-7031, 435/828-5469

Jordan Portillo: 435/781-9785, 435/828-6221

Laura M. Wellman: 435/781-9748, 435/322-0118

Completion Supervisor Foreman

Jeff Samuels: 435-828-6515, 435-781-7046

Completion Manager

Jeff Dufresne: 720-929-6281, 303-241-8428

Vernal Main Office

435-789-3342

Emergency Contact Information—Call 911

Vernal Regional Hospital Emergency: 435-789-3342

Police: (435) 789-5835

Fire: 435-789-4222

**Name** NBU 52J  
**Perforation and CBP Summary**

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	Green River	4612	4614	4	8	4612	to	4618
	Green River	4640	4646	4	24	4636	to	4662
	Green River	4700	4702	4	8	4696	to	4705
	Green River							
	# of Perfs/stage				40	CBP DEPTH	4,562	
	Totals				40			



Service Company Supplied Chemicals - Job Totals

Friction Reducer	37	gals @	0.5	GPT
Surfactant	74	gals @	1.0	GPT
Clay Stabilizer	74	gals @	1.0	GPT
15% Hcl	250	gals @	250	gal/stg
Iron Control for acid	1	gals @	5.0	GPT of acid
Surfactant for acid	0	gals @	1.0	GPT of acid
Corrosion Inhibitor for acid	1	gals @	2.0	GPT of acid

Third Party Supplied Chemicals Job Totals - Include Pumping Charge if Applicable

Scale Inhibitor	115	gals pumped per schedule above		
Biocide	37	gals @	0.5	GPT

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER: U-463
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 52J
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047308500000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6100
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2122 FSL 0754 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 30 Township: 09.0S Range: 22.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES  COUNTY: UINTAH  STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 2/5/2015  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input checked="" type="checkbox"/> <b>PLUG AND ABANDON</b>  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Kerr-McGee Oil & Gas Onshore LP respectfully requests to plug and abandon the NBU 52J well. Please see the attached procedure for details. Thank you.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

Date: March 26, 2015  
 By: *Dark Oust*

<b>NAME (PLEASE PRINT)</b> Kristina Geno	<b>PHONE NUMBER</b> 720 929-6824	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 2/5/2015	

NBU 52J  
2122' FSL & 754' FWL  
SEC. 30, T9S, R22E  
Uintah County, UT

KBE: 5010'  
GLE: 5010'  
TD: 7695'  
PBSD: 7614'

API NUMBER: 43-047-30850  
LEASE NUMBER: U-463

CASING : 12 ¼" hole  
9.625" 36# K-55 @ 202'  
TOC @ surface  
  
7.875" hole  
5.5" 17# J-55 @ 7695'  
TOC @ surface per completion report

PERFORATIONS: Wasatch/Mesa Verde 5470' - 7540'

TUBING: Based on openwells reports, currently no tbg. in hole

EXISTING PLUGS: POSSIBLE CEMENT PLUG AT ~5220'

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
5.5" 17# J-55	4.892	4910	5320	0.9764	0.1305	0.02324
9.625" 36# K-55	8.921	2020	3520	3.247	0.434	0.0773
<b>Annular Capacities</b>						
5.5" csg X 9 5/8" 36# csg				2.0128	0.2691	0.0479
5.5" csg X 7.875 borehole				1.4407	0.1926	0.0343
9 5/8" csg X 12 1/4" borehole				2.3436	0.3132	0.0558

#### GEOLOGIC INFORMATION:

Formation	Depth to top, ft.
Uinta	Surface
Green River	1683'
Bird's Nest	1768'
Mahogany	2132'
Base of Parachute	3115'
Wasatch	4712'

#### Utah Geological Survey Special Study 144

USDW Elevation ~3000' MSL  
USDW Depth ~2010' KBE

## NBU 52J PLUG & ABANDONMENT PROCEDURE

### GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLs FLUID.
- NOTIFY APPROPRIATE AGENCY 24 HOURS BEFORE MOVING ON LOCATION.
- A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.

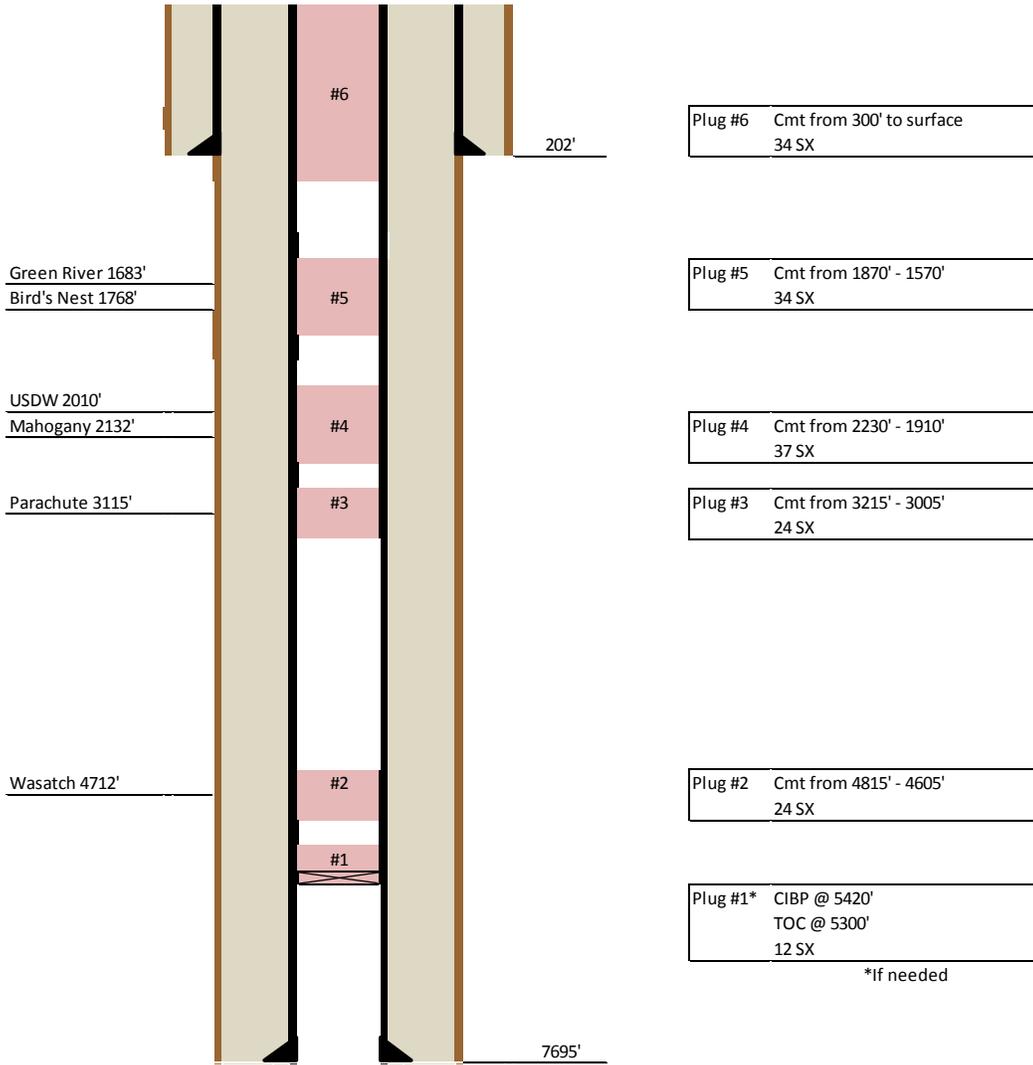
### PROCEDURE

**Note:** Approx. **165 SX** Class "G" cement needed for procedure & **\*possibly\* (1) 5.5" CIBP**

1. A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.
2. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
3. POOH W/ TBG & L/D SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL. RUN GYRO SURVEY. **POSSIBLE PLUG AT 5220'. If plug is present, skip plug #1**
4. **PLUG #1, ISOLATE PERFORATIONS (5470' - 7540')**: RIH W/ 5 ½" CIBP. SET @ ~5420'. RELEASE CIBP, PUH 10', BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF 13.7 CUFT / 2.4 BBL / ~12 SX ON TOP OF PLUG. PUH ABOVE TOC (~5300'). REVERSE CIRCULATE W/ TREATED WATER.
5. **PLUG #2, PROTECT TOP OF WASATCH (~4712')**: PUH TO ~4815'. BRK CIRC W/ FRESH WATER. DISPLACE 27.4 CUFT / 4.8 BBL / ~24 SX AND BALANCE PLUG W/ TOC @ ~4605' (210' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER.
6. **PLUG #3, BASE OF PARACHUTE (~3115')**: PUH TO ~3215'. BRK CIRC W/ FRESH WATER. DISPLACE 27.4 CUFT / 4.8 BBL / ~24 SX AND BALANCE PLUG W/ TOC @ ~3005' (210' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER.
7. **PLUG #4, PROTECT TOP OF MAHOGANY (~2132') and USDW (~2010')**: PUH TO ~2230'. BRK CIRC W/ FRESH WATER. DISPLACE 42.37 CUFT / 7.6 BBL / ~37 SX AND BALANCE PLUG W/ TOC @ ~1910' (320' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER.
8. **PLUG #5, PROTECT TOP OF BIRD'S NEST (~1768') AND TOP OF GREEN RIVER (~1683')**: PUH TO ~1870'. BRK CIRC W/ FRESH WATER. DISPLACE 38.9 CUFT / 6.9 BBL / ~34 SX AND BALANCE PLUG W/ TOC @ 1570~' (300' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER.
9. **PLUG #6, FILL SURFACE HOLE & PROTECT SURFACE CASING SHOE (202' KB)**: PUH TO ~300'. BRK CIRC W/ FRESH WATER. DISPLACE 38.9 CUFT / 6.9 BBL / ~34 SX OR SUFFICIENT VOLUME TO FILL CASING TO SURFACE.
10. CUT OFF WELLHEAD AND INSTALL MARKER PER REGULATIONS.
11. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB. SURFACE RECLAMATION TO BE PERFORMED IN ACCORDANCE TO REGULATIONS.

JZR 2/3/2015

**NBU 52J**



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: U-463
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	8. WELL NAME and NUMBER: NBU 52J
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2122 FSL 0754 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 30 Township: 09.0S Range: 22.0E Meridian: S	9. API NUMBER: 43047308500000
PHONE NUMBER: 720 929-6111	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
	COUNTY: UINTAH
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/2/2015	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Kerr-McGee Oil & Gas Onshore, LP has plugged and abandoned the NBU 52J well. Please see the operations summary report for details. Thank you.

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
 FOR RECORD ONLY  
 June 16, 2015**

<b>NAME (PLEASE PRINT)</b> Jennifer Thomas	<b>PHONE NUMBER</b> 720 929-6808	<b>TITLE</b> Regulatory Specialist
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/8/2015	

US ROCKIES REGION  
**Operation Summary Report**

Well: NBU 52J				Spud date:				
Project: UTAH-UINTAH			Site: NBU 922-30L PAD			Rig name no.: MILES-GRAY 1/1		
Event: ABANDONMENT			Start date: 5/29/2015		End date: 6/2/2015			
Active datum: RKB @0.00usft (above Mean Sea Level)				UWI: NBU 52J				
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
6/1/2015	7:00 - 7:15	0.25	ABANDP	48		P		SAFETY = JSA.
	7:15 - 8:40	1.42	ABANDP	30	G	P		ROAD RIG TO LOCATION.
	8:40 - 12:00	3.33	ABANDP	30	A	P		0# ON WELL. MIRU. NDWH. NUBOP. FUNCTION TEST BOP (GOOD). R/U FLOOR & TBNG EQUIP.
	12:00 - 17:30	5.50	ABANDP	31	I	P		P/U & RIH W/ 164JTS 2-3/8" P-110 TBNG W/ N.C. T/U ON CMT TOP @ 5197'. CIRC WELLBORE CLEAN W/ 90BBLs TMAC. PRESSURE TEST 5-1/2" CSNG GOOD @ 500#. LOST 0# IN 15MIN. L/D 12JTS TBNG. PUH TO 4815' (FIRST BALANCED PLUG). PREP TO PUMP CMT IN AM. SWIFN. SDFN.
6/2/2015	7:00 - 7:15	0.25	ABANDP	48		P		SAFETY = JSA.
	7:15 - 17:00	9.75	ABANDP	51	D	P		0# ON WELL. MIRU CMT CREW. PUMP 5CMT BALANCED PLUGS WHILE POOH W/ 2-3/8" P-110 TBNG. CMT PLUGS PUMPED AS FOLLOWS:\n\n#1. EOT @4815'. 152JTS TBG IN. BREAK CIRC W/ 2BBLS FRESH WATER LEAD. PUMP 24SX 15.8# NEAT G CMT. DISPLACE W/ 17BBLS TMAC. PUH TBNG.\n\n#2. EOT @3215'. 101JTS TBG IN. BREAK CIRC W/ 2BBLS FRESH WATER LEAD. PUMP 24SX 15.8# NEAT G CMT. DISPLACE W/ 10BBLS TMAC. PUH TBNG.\n\n#3 & #4. PUMP BOTH PLUGS TOGETHER. EOT @2230'. 70JTS TBG IN. BREAK CIRC W/ 2BBLS FRESH WATER LEAD. PUMP 76SX 15.8# NEAT G CMT. DISPLACE W/ 5 BBLs TMAC. PUH TBNG.\n\n#5. EOT @300'. 10JTS TBG IN. BREAK CIRC W/ 2BBLS FRESH WATER LEAD. PUMP 34SX 15.8# NEAT G CMT. DISPLACE W/ CMT ONLY. POOH ALL TBNG.\n\nR/D RIG. MIRU ROUSTABOUT CREW. EXPOSE WELLHEAD W/ BACKHOE. LOWER WELLHEAD. TOP OFF SURFACE & 5.5" CSNG W/ 95SX 15.8# NEAT G CMT. CMT HELD GOOD. INSTALL MARKER PLATE / CAP.\n\nWELLHEAD COORDINATES:\nLAT:40.00556\nLONG:109.48797\n\nROAD RIG TO NBU 1022-11G2 PAD FOR MAINTENANCE JOB.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-463	

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES

<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> NBU 52J
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<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047308500000
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<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6100	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
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<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2122 FSL 0754 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 30 Township: 09.0S Range: 22.0E Meridian: S	<b>COUNTY:</b> UINTAH
<b>STATE:</b> UTAH	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/22/2013			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Kerr McGee Oil & Gas Onshore, L.P. received approval for a Green River recomplete on the NBU 52J well on 12/12/2011. Recompletion was not deemed economically feasible and therefore it was decided to plug and abandon the well as referenced in the sundry approved on 3/26/2015.

Thank you.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

**FOR RECORD ONLY**

June 16, 2015

<b>NAME (PLEASE PRINT)</b> Jennifer Thomas	<b>PHONE NUMBER</b> 720 929-6808	<b>TITLE</b> Regulatory Specialist
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/15/2015	