

Put to Production 9-26-75

**FILE NOTATIONS**

Entered in MID File .....  
Location Map Pinned .....  
Card Indexed .....  
.....

Checked by Chief .....  
Approval Letter 2-18-75  
Disapproval Letter .....

**COMPLETION DATA:**

Date Well Completed 9-24-75  
M..... WW..... TA.....  
GW..... OS..... PA.....

Location Inspected .....  
Bond released  
State or Fee Land .....

**LOGS FILED**

Driller's Log.....  
Metric Logs (No.) .....  
..... I..... Dual I Lat..... CR-N..... Micro.....  
..... Sonic CR..... Lat..... M-L..... Sonic.....  
..... CLog..... CLog..... Others.....

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  
 Gas Producing Enterprises, Inc.

3. ADDRESS OF OPERATOR  
 P. O. Box 1138, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 667' FSL, 2080' FEL, Section 34, 9S, 22E  
 At proposed prod. zone Same

5. LEASE DESIGNATION AND SERIAL NO.  
 U-0149077

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 - - -

7. UNIT AGREEMENT NAME  
 Natural Buttes

8. FARM OR LEASE NAME  
 - - -

9. WELL NO.  
 16

10. FIELD AND POOL, OR WILDCAT  
 Natural Buttes Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 34, T9S, R22E, SLB&M

12. COUNTY OR PARISH  
 Uintah

13. STATE  
 UT

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 18 miles ESE of Ouray, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)  
 667'

16. NO. OF ACRES IN LEASE  
 640

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 640

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 9000'

19. PROPOSED DEPTH  
 9000'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4920' GR

22. APPROX. DATE WORK WILL START\*  
 2-20-75

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/4"	13-3/8"	42#	100'	200 SX
10-3/4"	8-5/8"	32#	2000'	250 SX
7-7/8"	4-1/2"	11.6#	9000'	550 SX

See attached 7-Point Well Control Plan and 12-Point Surface Use Plan.

APPROVED BY DIVISION OF  
OIL & GAS CONSERVATION

DATE FEB 18 1975

BY *Allen B. Feight*

*J. Hunt*

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.

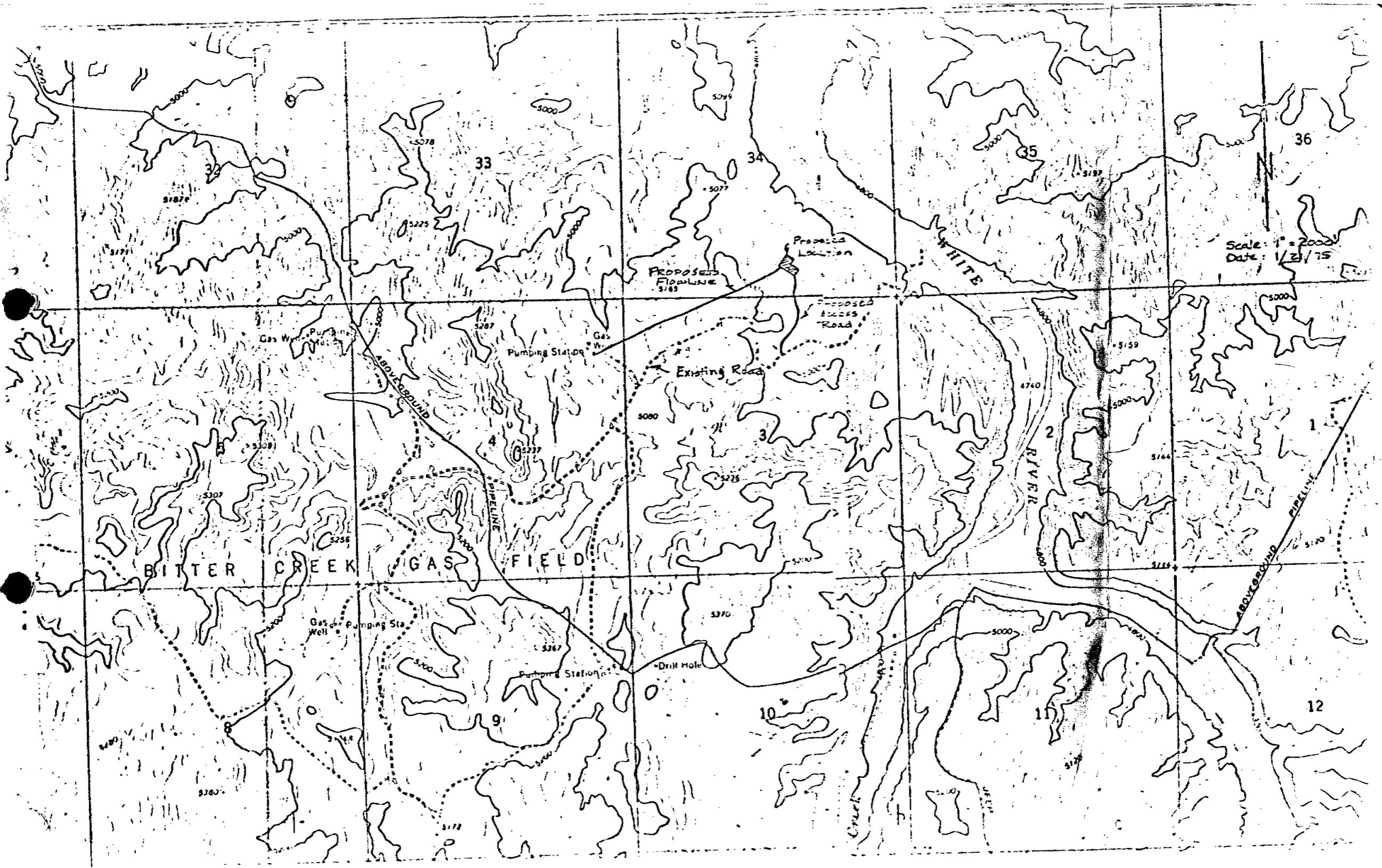
24. SIGNED K. E. Oden TITLE Area Superintendent DATE 2-10-75

(This space for Federal or State office use)

PERMIT NO. 43047-30209 APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:



Scale: 1" = 2000'  
Date: 1/21/75

BITTER CREEK GAS FIELD

WHITE RIVER

Proposed Flowline  
5165

Proposed Location

Proposed Access Road

Existing Road

Pumping Station

Gas Well

Gas Well Pumping Station

Gas Well Pumping Station

Pumping Station

Drill Hole

ABOVEGROUND PIPELINE

PIPELINE

Creek

ARL

**GAS PRODUCING ENTERPRISES**

**12 POINT SURFACE USE PLAN**

**FOR**

**NATURAL BUTTE #16**

**SECTION 34, T9S, R22E. S.L.B. & M.**

1. EXISTING ROAD

TO REACH GAS PRODUCING WELL LOCATION NATURAL BUTTES #16, LOCATED IN SECTION 34, T9S, R22E, S.L.B. & M. PROCEED SOUTHERLY FROM DURAY, UTAH ON P.R. SPRINGS ROAD 11.5 MILES; EXIT TO THE EAST ON MAIN ROAD AND PROCEED EASTERLY 5 MILES KEEPING TO THE RIGHT, EXIT TO THE RIGHT ON DIRT ROAD AND PROCEED EASTERLY 3.5 MILES KEEPING TO THE LEFT; EXIT TO THE LEFT AND PROCEED NORTHERLY 2.8 MILES KEEP TO THE LEFT; EXIT TO THE RIGHT AND PROCEED NORTHERLY 1 MILE, EXIT TO THE LEFT AND PROCEED NORTHERLY 1 MILE; EXIT TO THE RIGHT AND PROCEED NORTHERLY 1.7 MILES KEEPING TO THE RIGHT; EXIT LEFT ONTO GRADED ROAD AND PROCEED NORTH 0.4 MILES TO SAID LOCATION.

2. PLANNED ACCESS ROAD

AS SHOWN ON THE ATTACHED TOPOGRAPHIC MAP, THE PLANNED ACCESS ROAD WILL LEAVE THE LOCATION ON THE SOUTH CORNER AND PROCEED SOUTH FOR APPROXIMATELY 0.4 MILES TO THE INTERSECTION WITH A DIRT ROAD. NO OTHER ACCESS ROADS ARE PLANNED. THE ACCESS ROAD WILL BE A 20' WIDE ROAD (2 10' TRAVEL LANES) WITH A BAR DITCH ON EACH SIDE TO PERMIT DRAINAGE. CULVERTS WILL BE PLACED AS NEEDED TO PERMIT NORMAL FLOW OF WATER IN EXISTING DRAINAGES.

3. LOCATION OF EXISTING WELLS

THERE ARE NO KNOWN WELLS WITHIN A RADIUS OF 1/2 MILE. ALL EXISTING WELLS ON THE AREA ARE SHOWN ON THE ATTACHED TOPOGRAPHIC MAP.

4. LATERAL ROADS TO WELL LOCATIONS

ROADS TO EXISTING WELLS ARE SHOWN ON THE ATTACHED TOPOGRAPHIC MAP.

5. LOCATION OF TANK BATTERIES AND FLOWLINES

SEE ATTACHED TOPOGRAPHIC MAP FOR LOCATION OF PROPOSED FLOW LINES.

6. LOCATION AND TYPE OF WATER SUPPLY

WATER USED TO DRILL THE WELL WILL BE HAULED FROM THE WHITE RIVER 1.1 MILE EAST OF THE LOCATION.

7. METHODS OF HANDLING WASTE DISPOSAL

ALL WASTE WILL BE BURIED IN A PIT AND COVERED WITH A MINIMUM OF 2' OF COVER. A PORTABLE CHEMICAL TOILET WILL BE USED FOR HUMAN WASTE.

8. LOCATION OF CAMPS

THERE WILL BE NO CAMPS.

9. LOCATION OF AIRSTRIPS

THERE WILL BE NO AIRSTRIPS.

10. LOCATION LAYOUT

SEE ATTACHED LOCATION LAYOUT SHEET.

11. PLANS FOR RESTORATION OF SURFACE

THERE IS NO MEASURABLE TOPSOIL IN THE AREA. ON COMPLETION, PITS WILL BE FILLED, AND THE SURROUNDING AREA RELEVELLED, AND RESEEDED WITH CRESTED WHEAT GRASS AT THE RATE OF 6 POUNDS PER ACRE.

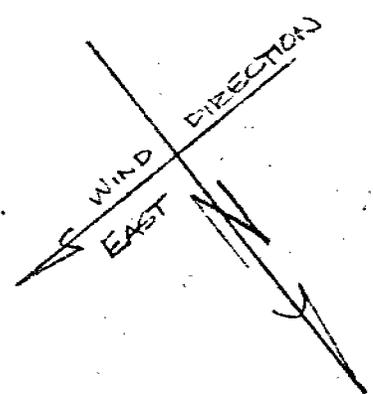
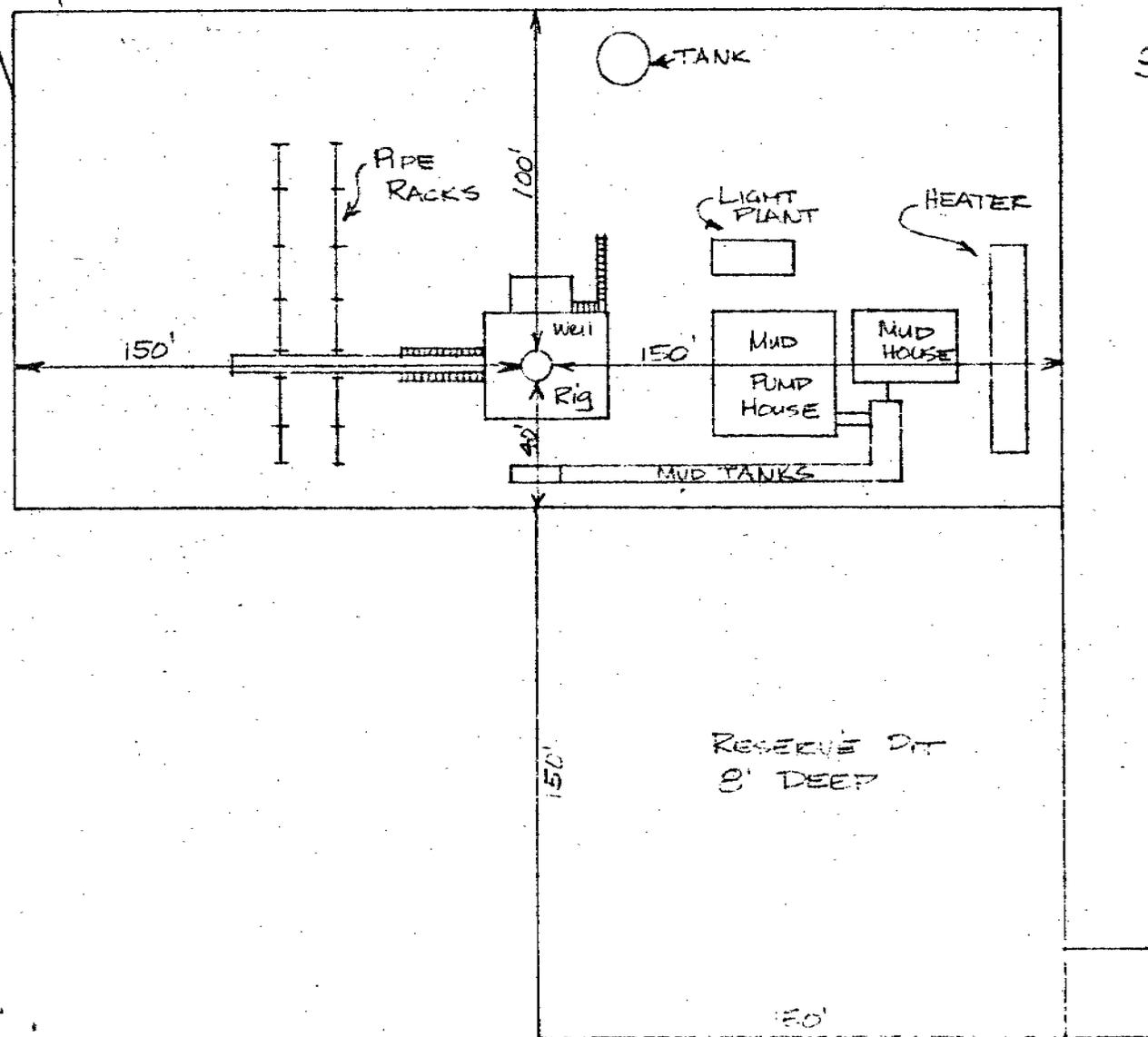
12. TOPOGRAPHY

THE AREA SURROUNDING THE LOCATION CONSISTS OF GENERALLY ROLLING HILLS AND SOME GULLIES AND WASHES. THE WHITE RIVER PASSES THE LOCATION 0.4 MILES NORTH OF THE LOCATION, THE AREA IS VEGITATED WITH SMALL GRASSES AND SAGE BRUSH. (SEE ATTACHED TOPOGRAPHIC MAP).

PROPOSED ACCESS  
ROAD

# GAS PRODUCING ENTERPRISES LOCATION LAYOUT

IN  
SECTION 34, T9S, R22E, SLB3



SCALE: 1" = 50'  
DATE: 1/21/75

RESERVE PIT  
8' DEEP

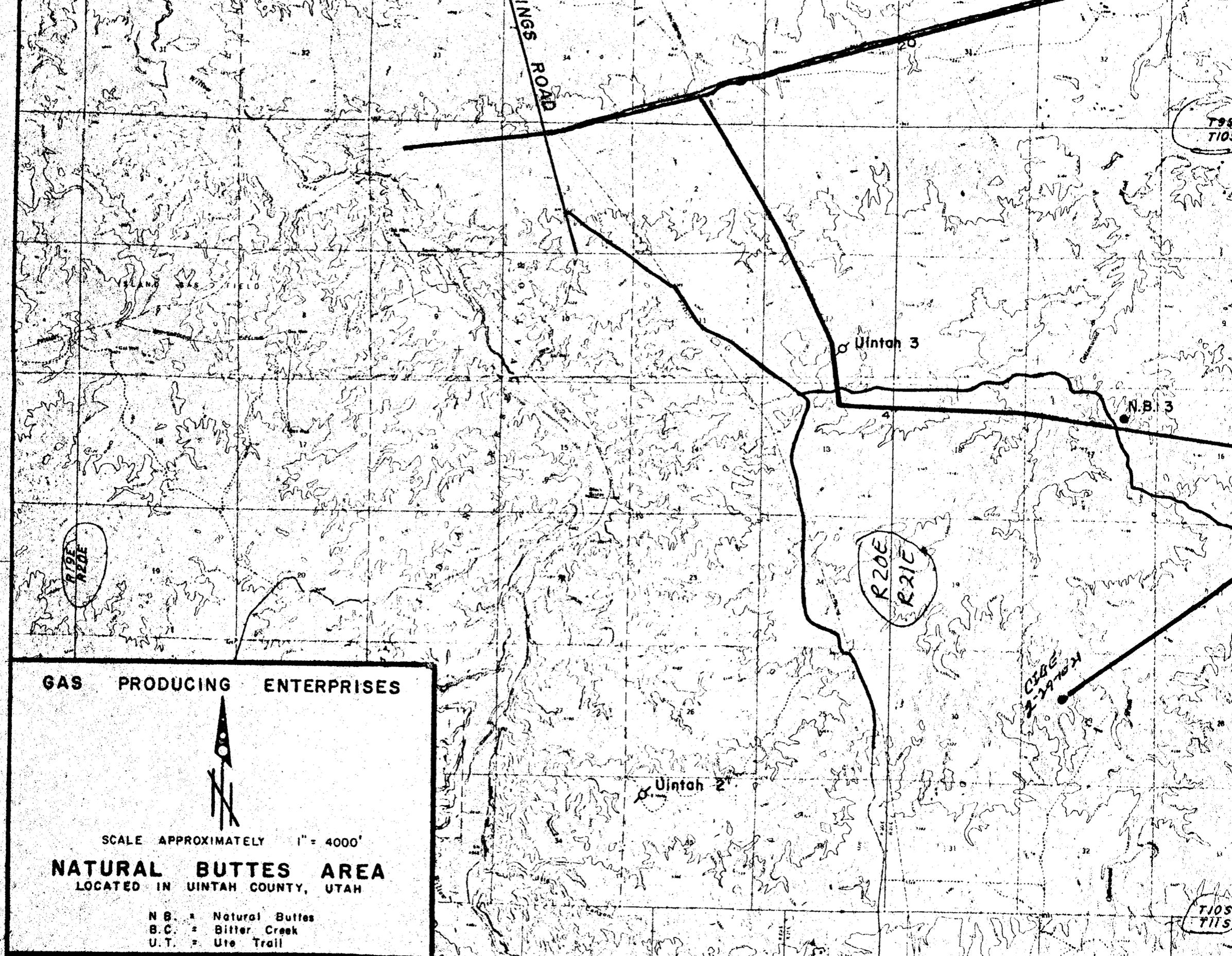
15' x 25' BURN PIT

Gas Producing Enterprises, Inc.  
Natural Buttes #16 - Section 34, 9S, 22E, SLB&M  
Lease U-0149077

7-Point Well Control Plan

1. Surface Casing: 13-3/8" 42# 100' R2, new.
2. Casinghead: 12" 900 Series, 3000# WP, 6000# test.
3. Intermediate Casing: 8-5/8" 24.7# 2000' R2, new.
4. Blowout preventers: IQRC preventer, 1 4½" pipe ram, 1 blind ram, 1 inflatable Hydril, 1 Grant rotating head. All flanges 12" 900 Series, 3000# WP, 6000# test, with standard accumulator and N<sub>2</sub> bottles. Manifold includes appropriate valves, chokes, fill line, kill line, and gas-mud separator to control abnormal pressure. Controls on floor and at remote location.
5. Auxiliary equipment: Kelly cocks, string float, TIW safety valves (to be used to control kicks on floor).
6. Anticipated bottom hole pressure at TD - 2500#.
7. Drilling fluid: Well is to be drilled with 9.5# salt water to depth of 5000'. From 5000' to TD, well will be drilled with brine water and starch. Estimated weight - 9.8 to 10#.

2-10-75  
ev



**GAS PRODUCING ENTERPRISES**



SCALE APPROXIMATELY 1" = 4000'

**NATURAL BUTTES AREA**  
 LOCATED IN UINTAH COUNTY, UTAH

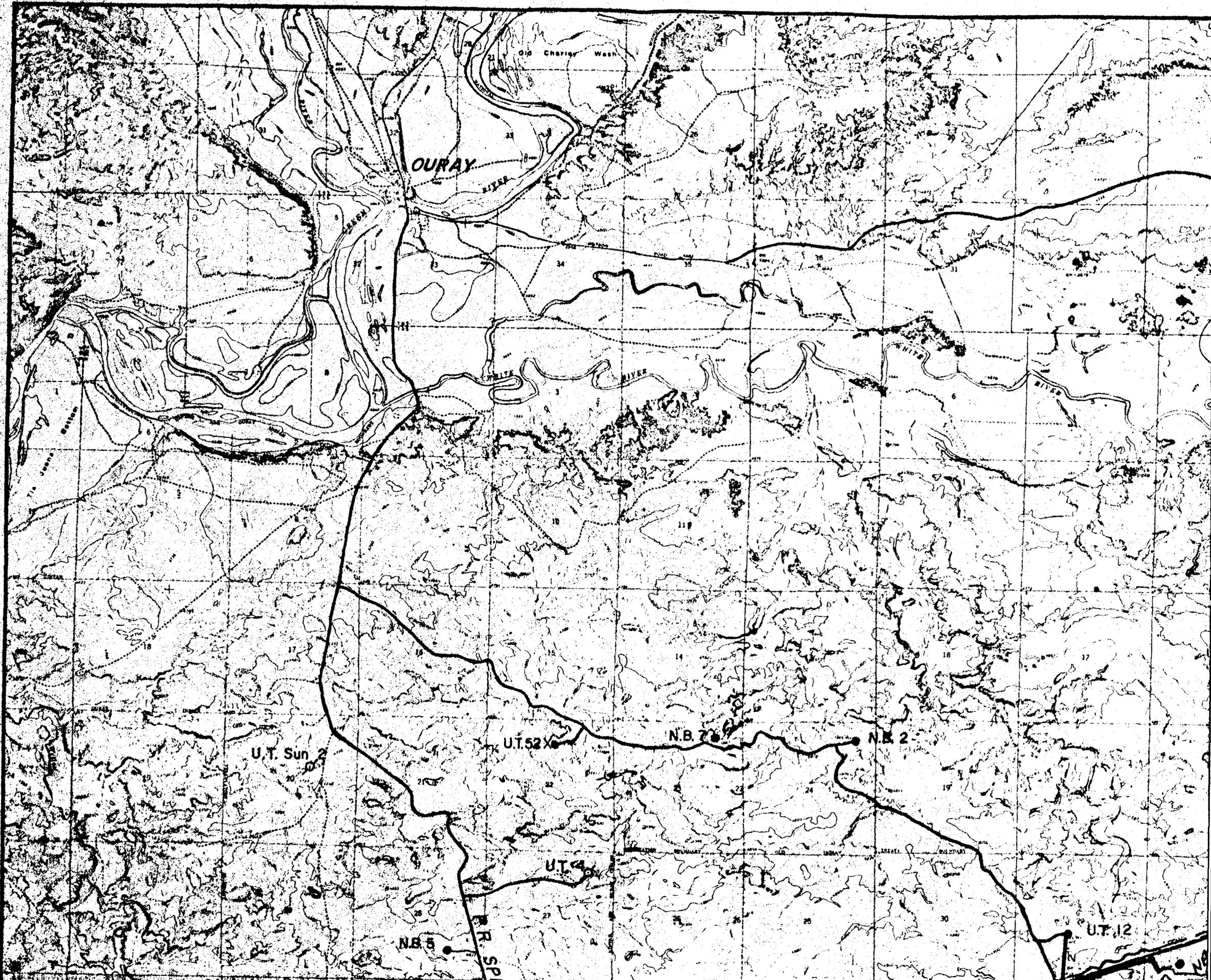
- N.B. = Natural Buttes
- B.C. = Bitter Creek
- U.T. = Ute Trail

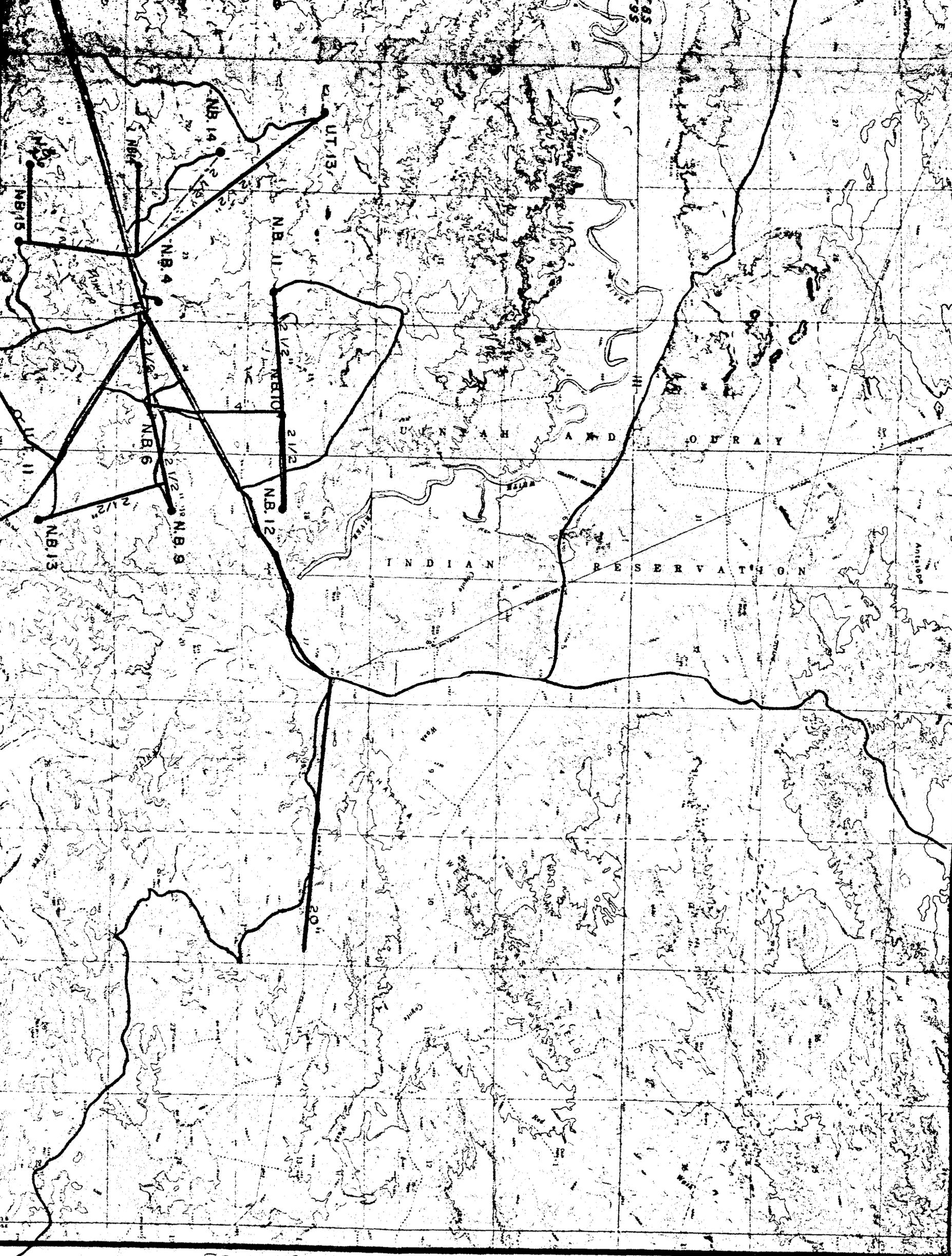
**LEGEND**

-  LEASE ROAD
-  GAS PRODUCING ENT. (High Pressure)

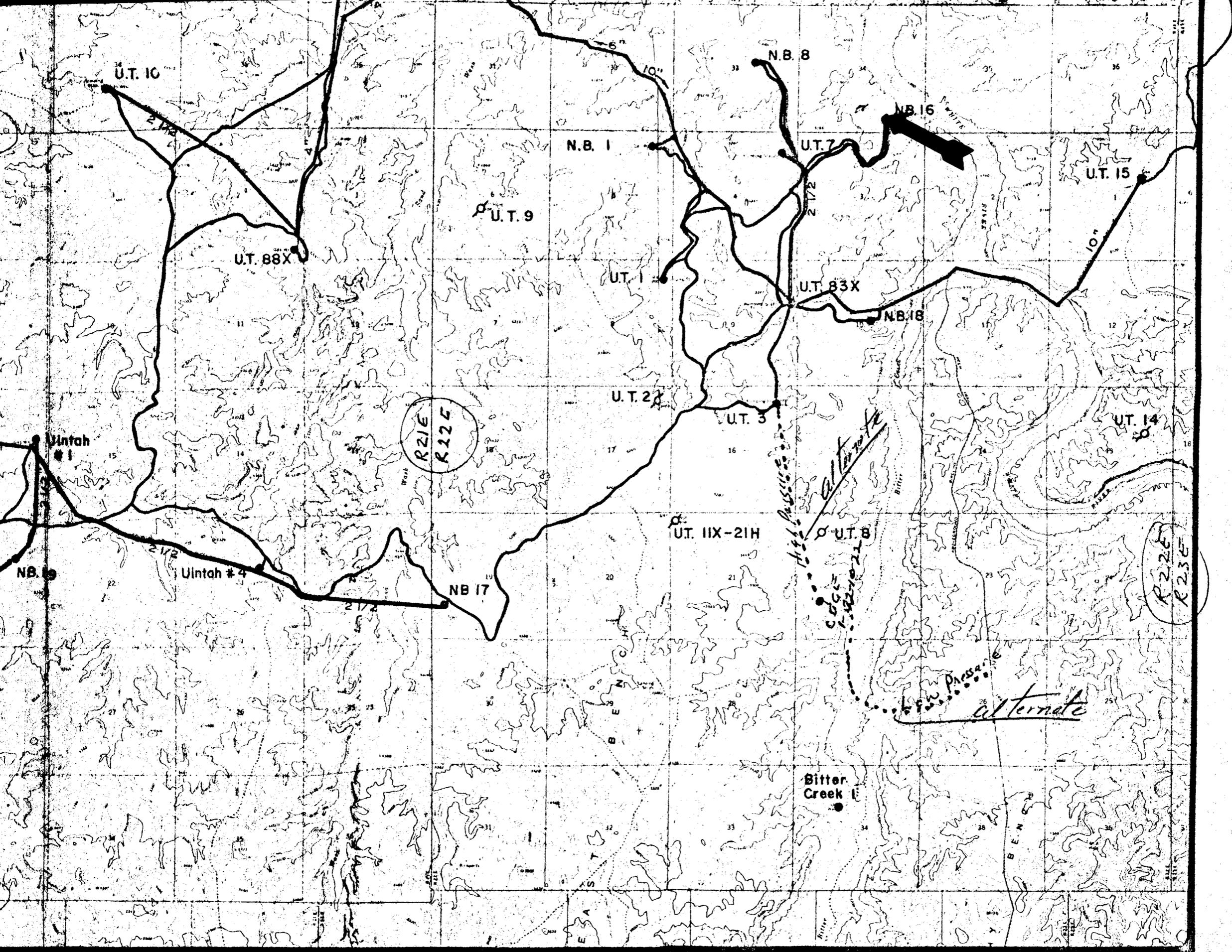
-  GAS PRODUCING ENT.
-  MTN FUEL SUPPLY

Reproduced





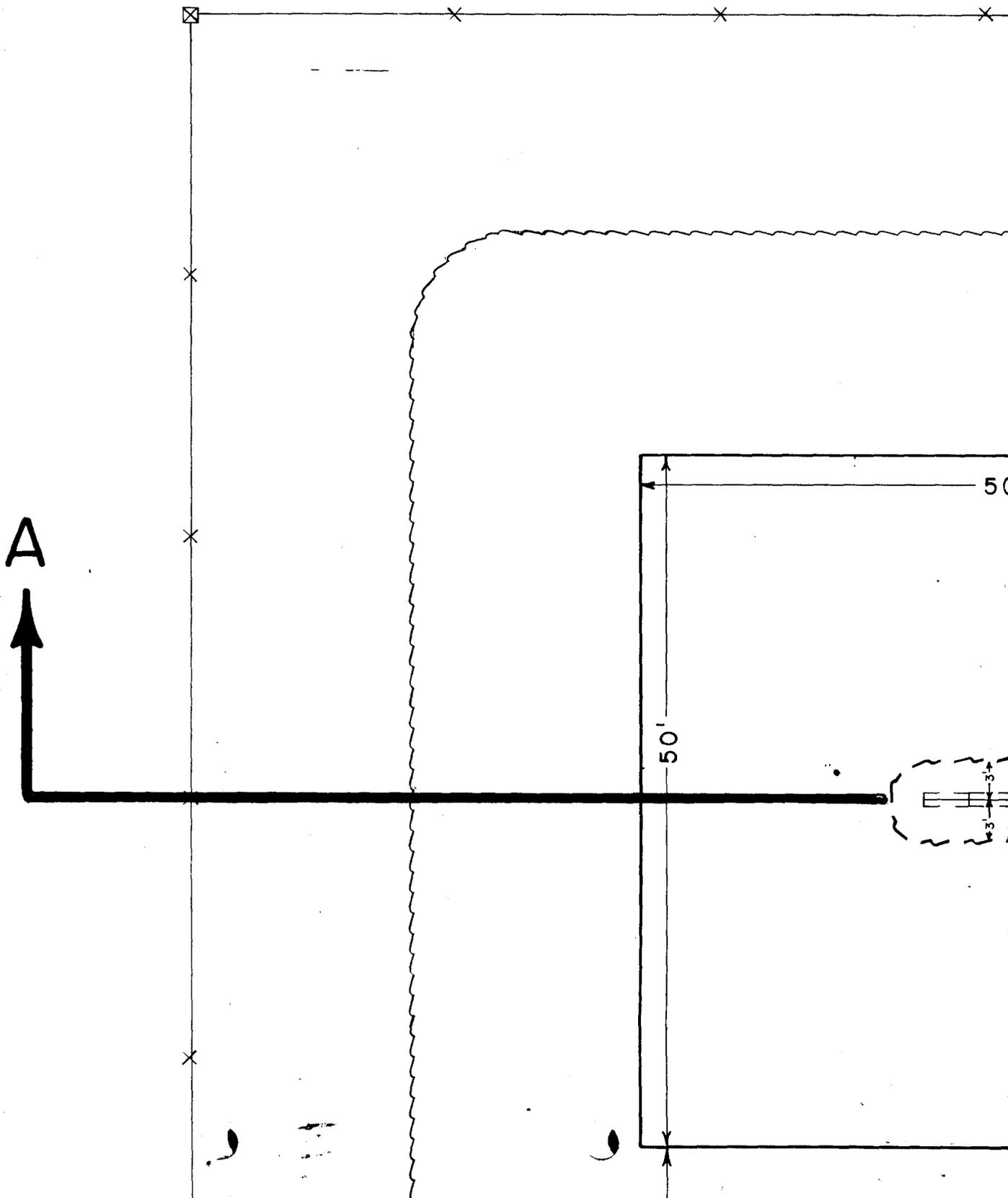
2276 NO 10011-2



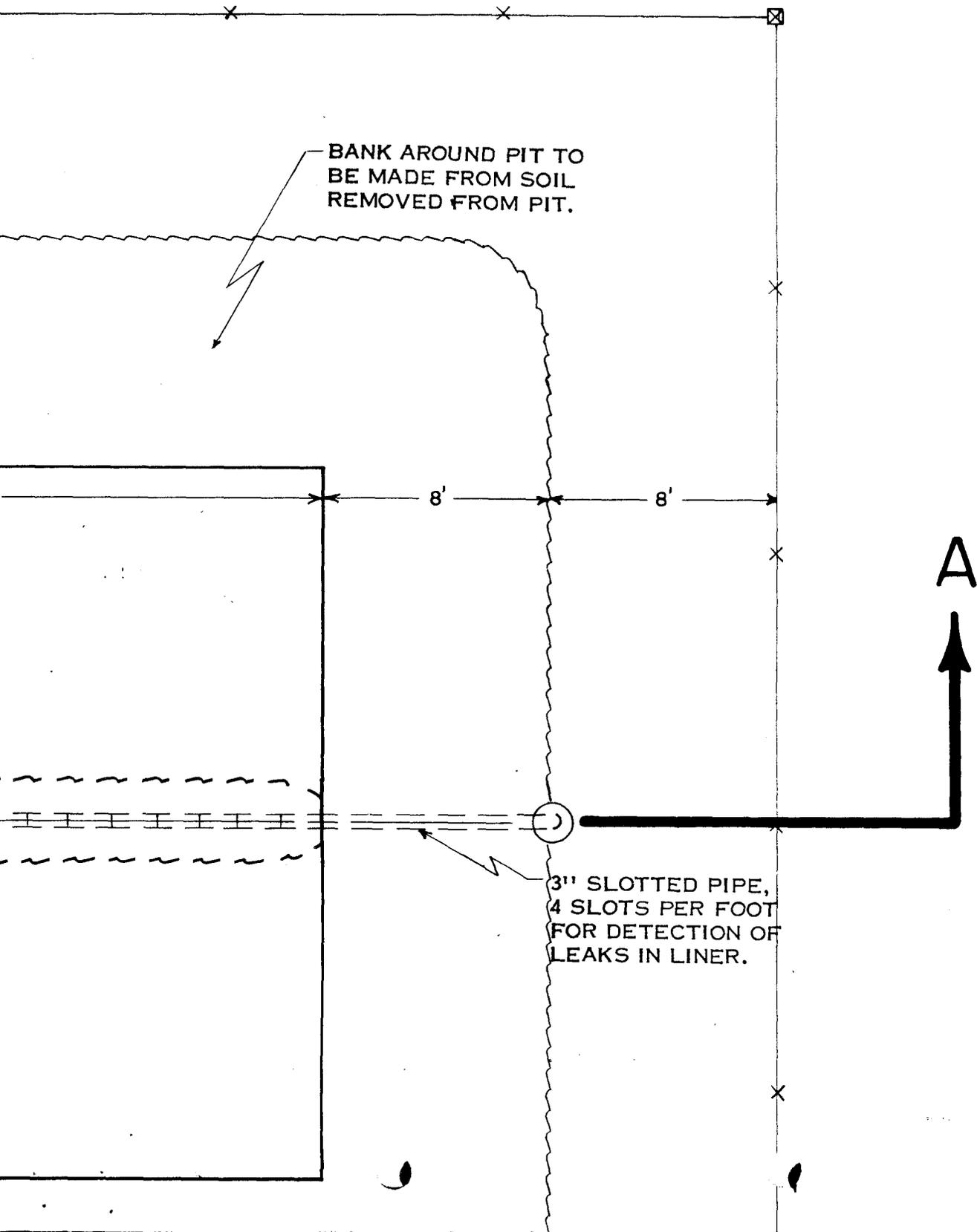
(Low Pressure)  
(High Pressure)

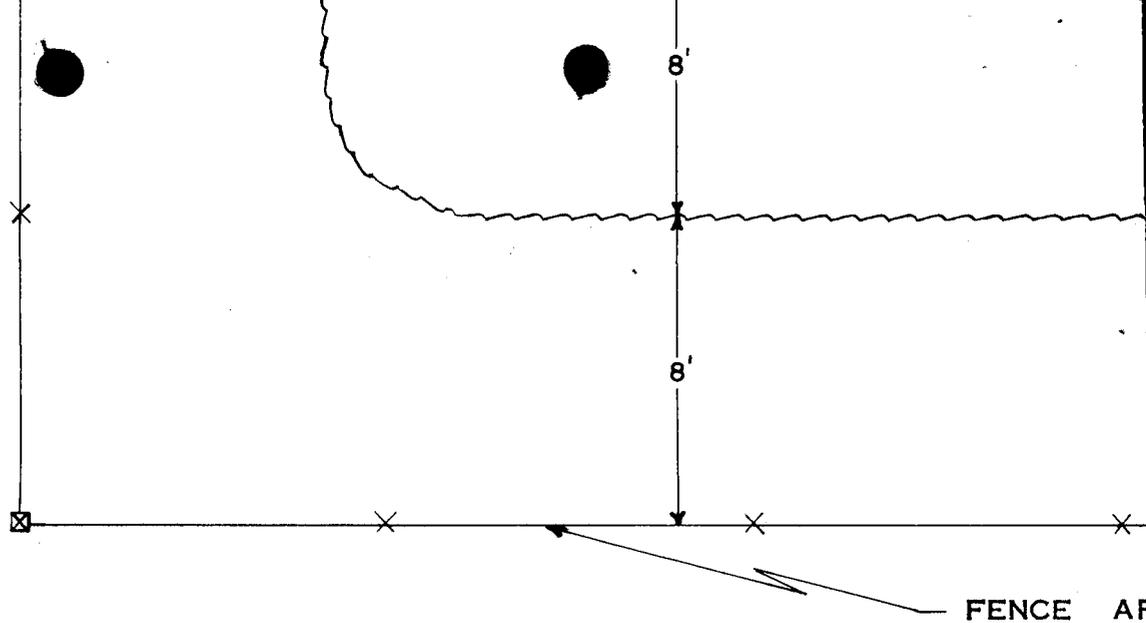
————— MTN. FUEL SUPPLY (Low Pressure)

TOP VIEW OF



# LINED PIT





FENCE

**A**

FINE TO VERY FINE  
"BLOW" SAND TO  
PROVIDE A SMOOTH  
CUSHION FOR  
POLYETHYLENE LINER.

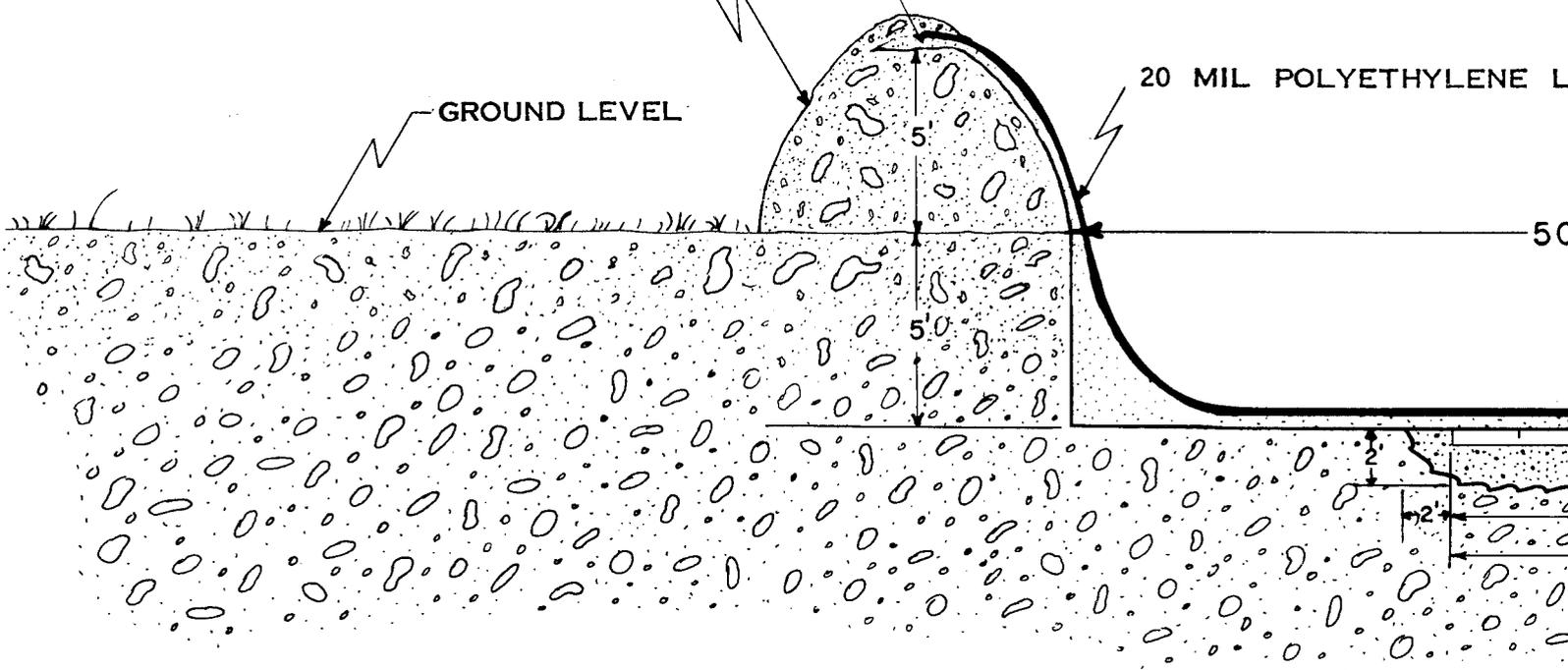
BANK MADE FROM SOIL  
REMOVED TO MAKE PIT

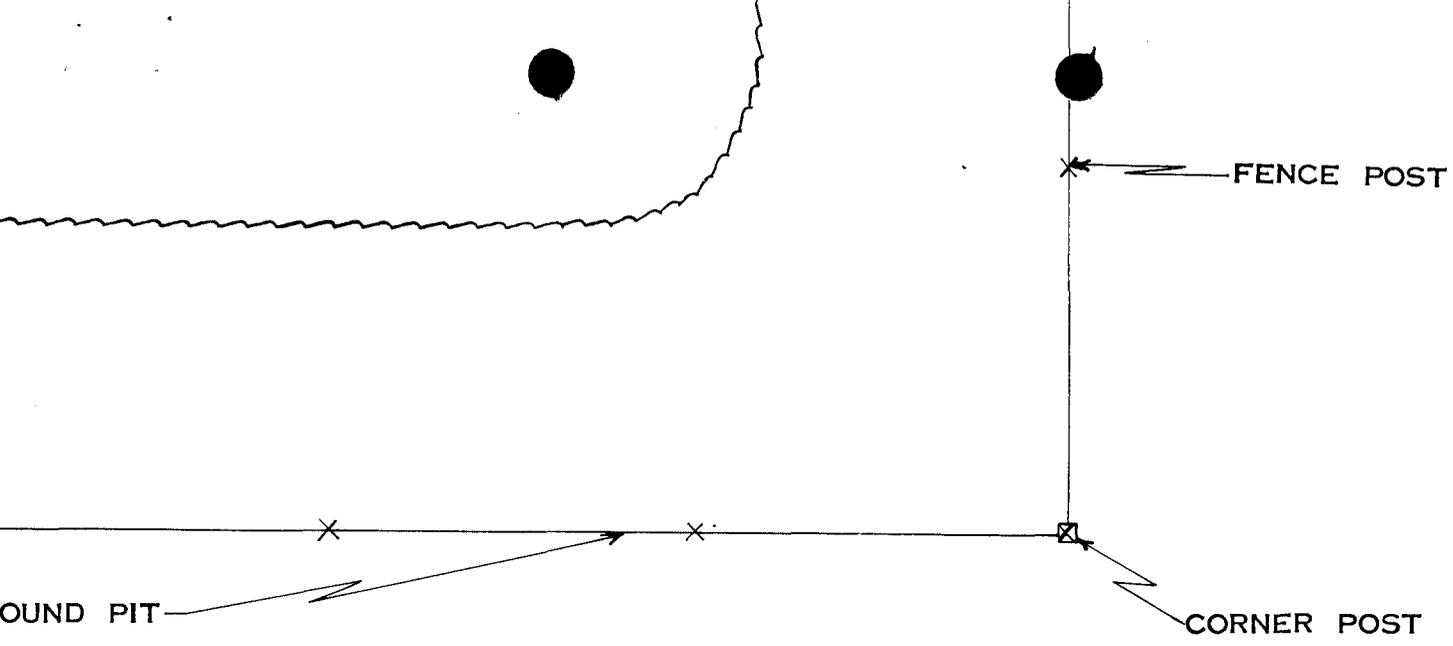
GROUND LEVEL

SECTION VIEW  
OF  
PROPOSED

20 MIL POLYETHYLENE L

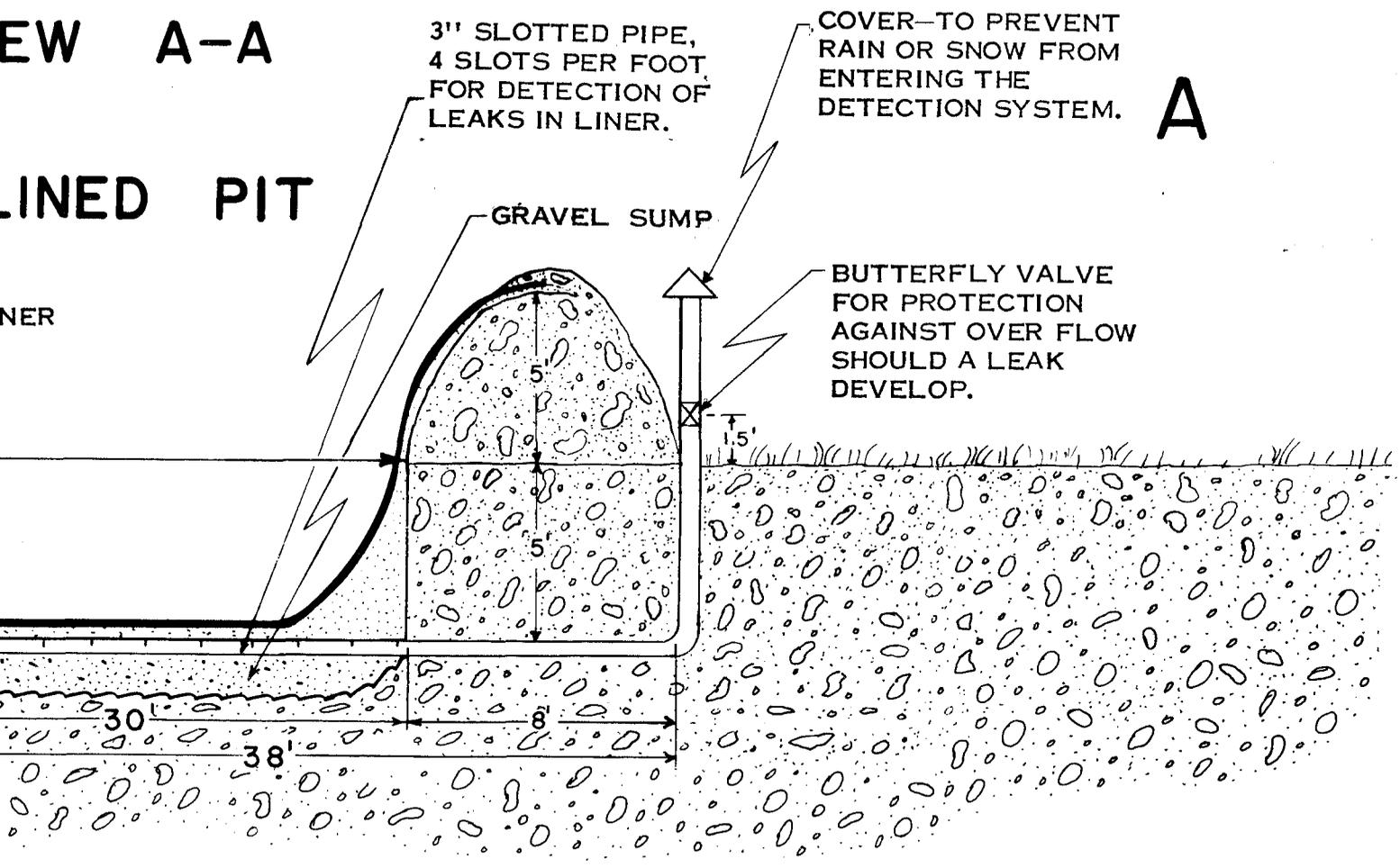
50





**VIEW A-A**  
**LINED PIT**

NER



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE .....  
LEASE NUMBER U-0149077  
UNIT Natural Buttes

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Uintah Field Natural Buttes

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 19 75, NB 16

Agent's address P. O. Box 1138 Company Gas Producing Enterprises, Inc.  
Vernal, UT 84078 Signed *[Signature]*

Phone 789-4433 Agent's title Production Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCTION	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<b>NON-PARTICIPATING</b>										
SWSE 34	9S	22E	16							W/O COM PLETION

NOTE.—There were ..... runs or sales of oil; ..... M cu. ft. of gas sold;

..... runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

PE

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LAND OFFICE U-0149077 LEASE NUMBER Natural Buttes UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Natural Buttes

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 1975, NB 16

Agent's address P. O. Box 1138 Vernal, UT 84078 Company Gas Producing Enterprises, Inc. Signed [Signature]

Phone 789-4433 Agent's title Production Clerk

Table with columns: SEC. AND 1/4 OF 1/4, TWP., RANGE, WELL NO., DATE PRODUCED, BARRELS OF OIL, GRAVITY, CU. FT. OF GAS (In thousands), GALLONS OF GASOLINE RECOVERED, BARRELS OF WATER (If none, so state), REMARKS. Includes entry for SWSE 34 9S 22E 16 with remark W/O COMPLETION RIG.

NOTE.—There were runs or sales of oil; M cu. ft. of gas sold; runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

PI

Form approved  
Budget Bureau No. 42-R366.5.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE .....  
LEASE NUMBER U-0149077  
UNIT Natural Buttes

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Uintah Field Natural Buttes

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 1975, NB 16

Agent's address P. O. Box 1138 Company Gas Producing Enterprises, Inc.  
Vernal, UT 84078 Signed [Signature]

Phone 789-4433 Agent's title Production Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PASSENGER	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<b>NON-PARTICIPATING</b>										
SWSE 34	9S	22E	16							W/O COMPLETION RIG

NOTE.—There were ..... runs or sales of oil; ..... M cu. ft. of gas sold; ..... runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

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

SUBMIT IN THE  
(Other instructions  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
**U-0149077**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
*[Signature]*

7. UNIT AGREEMENT NAME  
**Natural Buttes**

8. FARM OR LEASE NAME

9. WELL NO.  
**16**

10. FIELD AND POOL, OR WILDCAT  
**Natural Buttes**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec. 24, T9S, R22E**

12. COUNTY OR PARISH  
**Uintah**

13. STATE  
**Utah**

**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 "APPLICATION FOR PERMIT—" for such proposals.)

1.  OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
**Gas Producing Enterprises, Inc.**

3. ADDRESS OF OPERATOR  
**Box 749 - Denver, Colorado 80201**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
**667' FSL, 2080' FEL, Section 34, T9S, R22E**

14. PERMIT NO.  
**43-047-30209**

15. ELEVATIONS (Show whether DP, RT, GR, etc.)  
**4920' GR**

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

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

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.)\*

Perforate well with 1 shot/foot in the following zones (Saraband meas.):

- 8,795-97', 8,785-87', 8,734-38', 8,592-96', 8,204-08',
- 8,146-48', 8,134-36', 8,041-45'



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

SIGNED *[Signature]* TITLE Area Engineer DATE October 21, 1975

(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**

SUBMIT IN DUPLICATE

Form approved.  
Budget Bureau No. 42-R355.5

15

5. LEASE DESIGNATION AND SERIAL NO.  
**U-0149077**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
**Natural Buttes**

8. FARM OR LEASE NAME

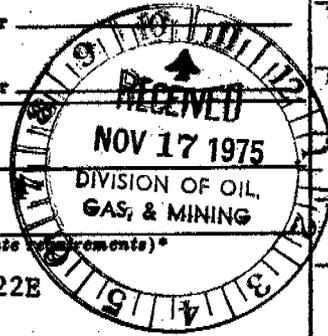
9. WELL NO.  
**16**

10. FIELD AND POOL, OR WILDCAT  
**Natural Buttes**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
**Sec. 34, T9S, R22E**

12. COUNTY OR PARISH  
**Uintah**

13. STATE  
**Utah**



**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

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

1b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESER.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
**GAS PRODUCING ENTERPRISES, INC.**

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 **667' FSL, 2080' FEL, Sec. 34, T9S, R22E**  
At top prod. interval reported below  
At total depth

14. PERMIT NO. **43-047-30209** DATE ISSUED **2-18-75**

15. DATE SPUDDED **3-3-75** 16. DATE T.D. REACHED **3-27-75** 17. DATE COMPL. (Ready to prod.) **9-24-75** 18. ELEVATIONS (DF, RKB, BT, GR, ETC.)\* **4920 (GR)** 19. ELEV. CASINGHEAD **4921'**

20. TOTAL DEPTH, MD & TVD **9015'** 21. PLUG, BACK T.D., MD & TVD **8854 (KB)** 22. IF MULTIPLE COMPL., HOW MANY\* **--** 23. INTERVALS DRILLED BY **→** ROTARY TOOLS **YES** CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
**MESAVERDE: 8041' - 8795' (CBL Meas.)** 25. WAS DIRECTIONAL SURVEY MADE **NO**

26. TYPE ELECTRIC AND OTHER LOGS RUN **FDC-CNL, DIL, BHC-SON IC, CBL-GR** 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
4-1/2"	11.6	9003'	7-7/8"	730sx, 50-50poz, w/27% gel, 12	5#gilsonite/sx
8-5/8"	24.0	1975'	10-3/4"	100sx, 65-35poz, w/10% gel, 12	1.5#gilsonite/sx
				+200sx Class "G"	
13-3/8"	54.5	50'	17-1/4"	75sx, Class "G" + 2% CaCl	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)  
**8041' - 8795'; 0.41"; 24 perforations**

(CBL meas.)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

32. PRODUCTION

DATE FIRST PRODUCTION **9-26-75** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Flowing** WELL STATUS (Producing or shut-in) **S.I.**

DATE OF TEST **9-29-75** HOURS TESTED **24** CHOKER SIZE **16/64"** PROD'N. FOR TEST PERIOD **→** OIL—BBL. **--** GAS—MCF. **TSTM** WATER—BBL. **--** GAS-OIL RATIO **--**

FLOW. TUBING PRESS. **0 psi** CASING PRESSURE **→** CALCULATED 24-HOUR RATE **→** OIL—BBL. **--** GAS—MCF. **TSTM** WATER—BBL. **--** OIL GRAVITY-API (CORR.) **--**

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

35. LIST OF ATTACHMENTS

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

SIGNED Ron Sida TITLE **Area Engineer** DATE \_\_\_\_\_

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-0149077

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 "APPLICATION FOR PERMIT—" for such proposals.)

7. UNIT AGREEMENT NAME

Natural Buttes

8. FARM OR LEASE NAME

9. WELL NO.

16

10. FIELD AND POOL, OR WILDCAT

Natural Buttes

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

Sec. 34, T9S, R22E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
GAS PRODUCING ENTERPRISES, INC.

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.\*  
See also space 17 below.)  
At surface  
667' FSL, 2080' FEL - Section 34, T9S, R22E

14. PERMIT NO.  
43-047-30209

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4920 GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)

PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other)

REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

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

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.)\*

1. Perforate well with 68 Shots in the gross interval between 6,517' - 7,990'.
2. Frac treat well with 715,000 gallons fluid and 1,404,000 pounds of frac sand.
3. Run temperature survey.
4. Flow well to pit until cleaned up.
5. Rerun tubing and place well to sales.

Note: All frac water will be hauled from the Green River and stored in the lined reserve pit for the frac treatment; the frac water produced back into the pit will be allowed to evaporate.



APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: March 15, 1976

BY: P. H. Inoué

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

SIGNED [Signature]

TITLE Area Engineer

DATE March 9, 1976

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-0149077

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

9. WELL NO.

16

10. FIELD AND POOL, OR WILDCAT

BITTER CREEK FIELD

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

SEC. 34, T9S, R22E

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

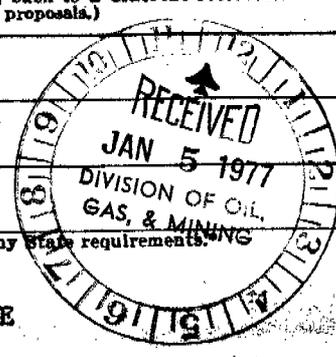
GAS PRODUCING ENTERPRISES, INC.

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. See also space 17 below.)  
At surface

667' FSL & 2080' FEL SECTION 34, T9S, R22E



14. PERMIT NO.

43-047-30209

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

4920' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other) \_\_\_\_\_

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

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.)\*

FISH OUT COIL TUBING AND CLEAN OUT FRAC SAND. APPROXIMATE START DATE: JANUARY 6, 1977

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: Jan 2, 1977

BY: R. G. Merrill

VERBAL APPROVAL FROM BILL MARTENS JANUARY 3, 1977

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

SIGNED

Robert G. Merrill  
ROBERT G. MERRILL

TITLE

AREA ENGINEER

DATE

JANUARY 3, 1977

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

2/18/75

SUMMARY OF ENVIRONMENTAL IMPACT EVALUATION

Development Well

GAS Producing Ent.  
Well # 16  
Sec. 34-9s-22E  
U-0149077  
Uintah Co. Utah.  
Feb. 18, 1975

BLM - G. Huff  
USGS - ALEXANDER  
G.P.E. - Oden

- Enhance
- No Effect
- Minor Impact
- Major Impact

	Construction		Pollution				Drilling Production				Transport Operations			Accidents		Other		
	Roads, bridges, airports	Transmission lines, pipelines	Dams & impoundments	Others (pump stations, compressor stations, etc.)	Burning, noise, junk disposal	Liquid effluent discharge	Subsurface disposal	Others (toxic gases, noxious gas, etc.)	Well drilling	Fluid removal (Prod. wells, facilities)?	Secondary Recovery	Noise or obstruction of scenic views	Mineral processing (ext. facilities)	Others	Trucks	Pipelines	Others	Spills and leaks

Land Use	Construction		Pollution				Drilling Production				Transport Operations			Accidents		Other			
	Roads, bridges, airports	Transmission lines, pipelines	Dams & impoundments	Others (pump stations, compressor stations, etc.)	Burning, noise, junk disposal	Liquid effluent discharge	Subsurface disposal	Others (toxic gases, noxious gas, etc.)	Well drilling	Fluid removal (Prod. wells, facilities)?	Secondary Recovery	Noise or obstruction of scenic views	Mineral processing (ext. facilities)	Others	Trucks	Pipelines	Others	Spills and leaks	Operational failure
Forestry	NA																		
Grazing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wilderness	NA																		
Agriculture	NA																		
Residential-Commercial	NA																		
Mineral Extraction	NA																		
Recreation	✓	0			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Scenic Views	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Parks, Reserves, Monuments	NA																		
Historical Sites	NA																		
Unique Physical Features	NA																		
Birds	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Land Animals	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fish	NA																		
Endangered Species	NONE KNOWN																		
Trees, Grass, Etc.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Surface Water	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Underground Water	?																		
Air Quality	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Erosion	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Other																			
Effect On Local Economy	✓	0	0					0						0					
Safety & Health	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Others cc: R.M. - DENVER  
USGS - ARMA - CASPER  
LATEON FEIGHT  
**OVER**

Inspection made on 2-18-75. Drill pad & reserve pit were already under construction. It was determined to be of no advantage to rehab this location and move to another spot.

*[Signature]*

U.S. GEOLOGICAL SURVEY  
OIL AND GAS OPERATIONS  
RECEIVED

FEB 24 1975

SALT LAKE CITY, UTAH

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1-24

5. LEASE DESIGNATION AND SERIAL NO.

U-0149077

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
GAS PRODUCING ENTERPRISES, INC.

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.\*  
See also space 17 below.)  
At surface

667' FSL & 2080' FEL SECTION 34, T9S, R22E



7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

9. WELL NO.

16

10. FIELD AND POOL, OR WILDCAT

BITTER CREEK FIELD

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

SEC. 34, T9S, R22E

14. PERMIT NO.

43-047-30209

15. ELEVATIONS (Show whether DF, RT, CR, etc.)

4920' GR

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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

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.)\*

COIL TUBING COULD NOT BE FISHED OUT: THEREFORE, WELL WAS PLACED BACK ON PRODUCTION WITH FISH LEFT IN HOLE

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

SIGNED

*R. G. Merrill*  
R. G. MERRILL

TITLE

AREA ENGINEER

DATE

APRIL 8, 1977

(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

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

PI

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME <b>Natural Buttes</b>	
2. NAME OF OPERATOR <b>GAS PRODUCING ENTERPRISES, INC.</b>		8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR <b>P. O. BOX 749 - DENVER, COLORADO 80201</b>		9. WELL NO. <b>16</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>667' FSL &amp; 2080' FEL, Section 34, T9S, R22E</b>		10. FIELD AND POOL, OR WILDCAT <b>Natural Buttes</b>	
14. PERMIT NO. <b>43-047-30209</b>		15. ELEVATIONS (Show whether DF, WT, GR, etc.) <b>4920' GR</b>	
		12. COUNTY OR PARISH <b>Uintah</b>	13. STATE <b>Utah</b>

one copy to PI

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

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

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.)\*

- Perforate eighteen zones from various intervals 6515 - 7990 w/72 shots.
- Fracture treat well with 13,000 gals. acid, 776,000 gals. KCl water, and 1,300,000 lbs. of sand.
- Flow well back to clean up frac fluid, run tubing, and place well on production to sales as soon as possible.

Note: All frac fluid to be contained in a lined, approved pit.



APPROVED BY THE DIVISION OF OIL, GAS, AND MINING  
DATE: April 11, 1976  
BY: P. L. [Signature]

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

SIGNED R. D. Scott TITLE Area Engineer DATE May 7, 1976

(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

SUBMIT IN TRIPLICATE  
(This space for use on reverse side)

Form approved.  
District Bureau No. 42-R1424.  
6. LEASE, AGREEMENT AND SERIAL NO.

U-0149077

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME NATURAL BUTTES UNIT	
2. NAME OF OPERATOR GAS PRODUCING ENTERPRISES, INC.		8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR P. O. BOX 749 - DENVER, COLORADO 80201		9. WELL NO. 16	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 667' FSL & 2080' FEL SECTION 34, T9S, R22E		10. FIELD AND POOL, OR WILDCAT BITTER CREEK FIELD	
14. PERMIT NO. 43-047-30209		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4920' GR	
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA SEC. 34, T9S, R22E	12. COUNTY OR PARISH UINTAH
			13. STATE UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	
(Other) WATER DISPOSAL-LINED PIT <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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.)\*

Application is hereby made for disposal of subject well's produced water to be made utilizing a lined pit. The well is presently producing an average of 75 - 100 BWPD from the Mesaverde Formation. The evaporation rate for the area, compensated for annual rainfall, is 70 inches per year. The pit dimensions will be 50' X 50' at the surface, tapering down to 40' X 40', having a depth of 10'. The liner is to be made of 20 mil polyethylene, and will be installed as pictured.

Because of the amount of water produced and the size of the pit, it will be necessary to haul excess water from this location to the Natural Buttes Unit No. 14 location (Section 22, T9S, R21E), where a lined pit is already installed (Sundry Notice approved 4/27/77). This pit measures 200' X 200' X 10' and was installed in the same manner as proposed for this well, with the liner made of 30 mil polyethylene.

ATTACHMENTS: (1) TOPO MAP (2) WATER ANALYSIS (3) PIT DESIGN  
(4) METHOD PRECIPITANT DISPOSAL

APPROVED BY THE DIVISION OF  
OIL, GAS AND MINING  
DATE: July 15, 1977  
BY: *[Signature]*

18. I hereby certify that the foregoing is true and correct  
SIGNED *[Signature]* TITLE District Superintendent DATE July 1, 1977

(This space for Federal or State office use)

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

# HALLIBURTON

SERVICES

DISTRICT LABORATORY  
Box 339, VERNAL, UTAH 84078

## LABORATORY REPORT

No. V-876

To Karl Oden

Date 4-14-77

Gas Producing Enterprises, Inc.

Vernal, Utah 84078

This report is the property of Halliburton Company and neither it nor any part thereof nor a copy thereof is to be published or disclosed without first securing the express written approval of laboratory management; it may however, be used in the course of regular business operations by any person or concern and employees thereof receiving such report from Halliburton Company.

We give below results of our examination of Water

Submitted by Chuck Morey for Karl Oden

Marked Natural Buttes #16

Specific Gravity-----1.02

pH-----6.4

Chlorides-----10,192 mpl

Calcium-----30 mpl

Magnesium-----189 mpl

Carbonates-----Nil

Bicarbonates-----244 mpl

Rw-----.358 Ohms/m<sup>2</sup>/m @ 62°F

cc: G. G. Stennis  
Division Lab  
E. L. McClure

Respectfully submitted,

HALLIBURTON SERVICES

By Jim J. Eckert

## PROPOSED PLAN FOR REMOVAL OF PRECIPITANTS

After solids have been precipitated from the produced waters or blown into the pit from the surrounding area, a vacuum truck will be used to remove solids. Vacuum trucks are used through the industry in removing drilling fluids from reserve pits, steel tanks, etc., and thus are proven as capable of performing the subject task. Produced waters will also be used for workovers in the Unit, as they are compatible with the formations.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

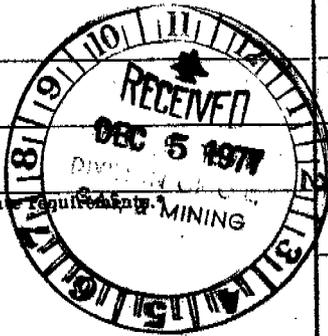
SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-0149077
2. NAME OF OPERATOR GAS PRODUCING ENTERPRISES, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. BOX 749 - DENVER, COLORADO 80201		7. UNIT AGREEMENT NAME NATURAL BUTTES UNIT
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) See also space 17 below.) At surface 667' FSL & 2080' FEL SECTION 34, T9S, R22E		8. FARM OR LEASE NAME NBU
14. PERMIT NO. 43-047-30209		9. WELL NO. 16
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 4920' GR		10. FIELD AND POOL, OR WILDCAT BITTER CREEK FIELD
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 34, T9S, R22E
		12. COUNTY OR PARISH JUNTAH
		13. STATE UTAH



16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input checked="" type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(Other) Perforate additional zones  (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)\*
- Attempts will be made to cement interval from 5375' to 4500' or above through 4-1/2" x 8-5/8' annulus with 1250 sx cement. If annulus conditions do not allow cement to be circulated up to 4500' or above, a block squeeze will be performed over the interval 5100' - 5300' with 150 sacks cement.
  - If cement circulates up 4-1/2" x 8-5/8" annulus to 4500' or above, intervals 5220' - 5253', 4948' - 4950', and 4640' - 4644' will be perforated, fractured and tested. If a block squeeze is found to be necessary over the interval 5100' - 5300', only the interval 5220' - 5253' will be perforated and tested.
  - Interval and/or intervals will be treated w/2000 gals acid, 75,000 gals KCl water and 115,000# sand.
  - Well will be flow tested to recover frac fluid, tubing will be run and the well turned to sales as soon as possible.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING  
DATE: December 5, 1977  
BY: Ph. S. [Signature]

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

SIGNED: [Signature] TITLE: Area Engineer DATE: 12-2-77

(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

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

Form approved.  
Budget Bureau No. 42-R1424.

**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 "APPLICATION FOR PERMIT--" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. <b>U-0149077</b>
2. NAME OF OPERATOR <b>GAS PRODUCING ENTERPRISES, INC.</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N/A</b>
3. ADDRESS OF OPERATOR <b>P. O. BOX 749 - DENVER, COLORADO 80201</b>		7. UNIT AGREEMENT NAME <b>NATURAL BUTTES UNIT</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>667' FSL &amp; 2080' FEL SECTION 34, T9S, R22E</b>		8. FARM OR LEASE NAME <b>NATURAL BUTTES UNIT</b>
14. PERMIT NO. <b>43-047-30209</b>		9. WELL NO. <b>NATURAL BUTTES UNIT NO. 16</b>
15. ELEVATIONS (Show whether DF, RT, CR, etc.) <b>4920' GR</b>		10. FIELD AND POOL, OR WILDCAT <b>BITTER CREEK FIELD</b>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>SEC. 34, T9S, R22E</b>
		12. COUNTY OR PARISH <b>UINTAH</b>
		13. STATE <b>UTAH</b>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>PERFORATE ADD'L ZONES</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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 DETAILS OF WORK



This document is the property of the United States Geological Survey and is loaned to you for your use only. It is not to be distributed outside your organization. If you have any questions regarding this document, please contact the nearest office of the United States Geological Survey.

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

SIGNED F. R. Mickiff TITLE District Superintendent DATE August 9, 1978

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

NBU #16 (GPE) (WORKOVER)  
Bitter Creek Field  
Utah County, Utah  
AFE: 10223 WI: 100Z  
ATD: 9,000' SD: 3-4-75  
GPE, Inc., Oper.  
Gibson Well Service, Contr.  
13-3/8" @ 72'; 8-5/8" @  
1975'; 4 1/2" @ 9003'  
Gross Perf Int: 5222'-7520'  
(67 holes)

TD: 9105'  
BP @ 6000'  
4-23-78

Flowing to pit to reduce well press.  
RU Gibson Well Service; Kill well w/75 bbls 10# brine. ND tree; NU BOP; Opened well to pit on 18/64" ck. SD 'til 4-24-78; Prep to rev out frac sand & pull ret BP.

4-24-78

Flowing to pit - prep to rev out frac sand & pull ret BP @ 6000'. Gibson Well Service rigged up. Prep to PU 2-3/8" tbg to rev out frac sand.

TD: 9105'

4-25-78

Kill well w/75 bbls brine wtr. PU 2-3/8" tbg. Tag sand @ 5783'. Att circ sand out w/soap & wtr. Couldn't circ. RU Howco N2. CO sand from 5783'-6003'. Latch onto Howco BP, equalized & released same. Kill well w/100 bbls brine. TOOH w/10 stds. SDON. Prep to finish TOOH.

4-26-78

Open to pit.  
On 18/64" ck. PU 2-3/8" tbg. RIH to top of Howco BP @ 6003'. Released BP. PU tbg & RIH to 6947'. BP stopped. POOH & LD tbg to 5000'. Kill well w/50 bbls 10# bring. Hung tbg @ 5000' w/BP free. ND BOP & NU tree. CP 0, TP 0. Open to pit on 18/64" ck. SNFN.

4-27-78

Flow to pit.  
FTP 1250#, SICP 1500#, on 18/64" ck.  
Est 75 BWPD w/1 MMCED.

TD: 9105' WO Mountain Fuel Gas Analysis.

4-28-78

SITP 1300#, SICP 1400#. Prep to return to sales.

4-29-78

Flow to sales @ 11:30 AM, 4-28-78.  
FTP 1400 psi, SICP 1450 psi, on 15/64" ck.  
DROP FROM REPORT.

6-13-78

Prep to land tbg & clean well up.  
Kill well w/200 bbls of 10# brine wtr; ND tree, NU BOP; Well unloaded - killed w/200 bbls of 10# brine wtr; Pulled 2-3/8" tbg & Howco RBP; RIH w/2-3/8" tbg; Tagged coil tbg junk in hole @ 6835'; Pulled 4 stds & SDFN.

6-14-78

Flowing well to pit to clean up.  
Flowed well overnite on 12/64" ck to clean up well.  
Well unloading full stream of "kill" wtr.

6-15-78

Flowing to pit for clean-up.  
FTP 200#, SICP 1300#, on 12/64" ck.  
HWCG - TWTB. Drop from report.

NBU #16 (GPE) (WORKOVER)

Bitter Creek Field  
Uintah County, Utah

AFE: 10223 WI: 100Z

ATD: 9000' SD: 3-4-75

GPE, Inc., Oper.

Gibson Well Service, Contr.

13-3/8" @ 72'; 8-5/8" @

1975'; 4 1/2" @ 9003'

Gross Perf Int: 6515'-7520'

(52 holes).

TD: 9,105'  
3-31-78

Opened to pit after frac @ 7:00 AM, 3-31-78.  
On 20/64" ck. SITP @ 7 AM, was 1000 psig. Flowing after  
1 hr had 225 psig. Flowing full 2" stream wtr to pit.  
Gas - TSTM. Start frac @ 12:33 PM, 3-30-78. Pumped 240  
bbls gel pad, 120 bbls gelled wtr w/1/2# 40/60 mesh sand.  
120 bbls frac fluid w/1# snd/gal. 120 bbls frac fluid  
w/1 1/2# snd/gal, 264 bbls frac fluid w/2# snd/gal. 288  
bbls frac fluid w/2 1/2# snd/gal. 288 bbls frac fluid w/3#  
snd/gal flushed w/gelled wtr. Finished job @ 1:43PM.  
AIR 22 BPM, Max IR 26 BPM. Avg treating press - 3500#,  
ISIP 1800#, 15 min 1675#. Well SIFN. Total frac  
60,480 gal gelled 2% KCl, 103,000 40/60 mesh sand.

4-1-78

Flowing to pit on 20/64" ck.  
FTP 900#, Est 200 to 300 BWPD,  
Gas - TSTM.

4-2-78

Flow to pit.  
FTP 900#, on 20/64" ck.  
SICP 1250#, Flowing hvy gas cut wtr  
to pit. Est 250 BWPD, 300 MCFD.

4-3-78

Flowing to pit to clean up after frac.  
FTP 900#, on 20/64" ck. SICP 1100#.  
Est 750 MCFD + 75 BWPD. Will take gas sample today.

4-4-78

WO gas analysis from Mountain Fuel to return to sales.  
Well SI; Washed out ck Nipple; Prep to replace same;  
SITP 1100#, SICP 1250#; Took gas sample yesterday,  
4-3-78.

4-5-78

Flowing to pit - WO Mountain Fuel Gas Analysis.  
Prep to return to sales. FTP 950, SICP 1250#, on  
20/64" ck. Est rate 1.0 MMCFD w/100 BWPD.

4-6-78

Flowing to sales on 17/64" ck.  
FTP 830#, SICP 1200#. Flowing  
1.3 MMSCFD + 0 wtr (dry gas).  
Returned to sales @ 4 PM, 4-5-78.

4-7-78

Flowing to sales on 17/64" ck - Volume 1.3 MMSCFD  
# 9 BW.

4-8-78

Flowing to sales.

4-9-78

Flowing to sales.

4-10-78

Flowing to sales.  
FTP 800#, SICP 1150#, on 18/64" ck.  
1353 MMCFD, 5 BWPD.

TD: 9,105'

BP @ 6,000'

4-11-78

Flowing to sales.  
FTP 700, SICP 1150, on 18/64" ck.  
1.203 MMCFD, 3 BWPD.  
Transfer to back page.

4-22-78

Last report 4-11-78.  
Prep to rev. out frac snd.  
MI & RU Gibson Well Service.

NBU #16 (GPE)  
Bitter Creek Field  
Uintah County, Utah

AFE: 10223 WI: 100%  
ATD: 9000' SD: 3-4-75

GPE, Inc. Oper.  
Gibson Well Service, Contr.  
13-3/8" @ 72'; 8-5/8" @  
1975'; 4 1/2" @ 9003'  
Gross Perf Int: 6515'-7520'  
(52 holes)

3-20-78 Prep to MI Gibson Well Service for Wasatch  
recompletion.

TD: 9,105'  
3-21-78 Prep to kill well.  
MI & RU Gibson Well Service. Move 400 bbl tank - blo  
well down to pit.

3-22-78 Prep to set RTTS pkr & perf for sq.  
killed well w/80 bbls of 9.5# brine. ND tree. NU BOP.  
POOH w/217 jts 2-3/8" tbg. PU & TIH w/Howco ret BP &  
RTTS pkr. Set ret BP @ 6000' & SDFN.

3-23-78 Prep to test pkr, BOP's & perfs.  
Pull 24 jts tbg. Test cst to 5500# - OK.  
SDF rig repairs (BOP's).

TD: 9,105'  
3-24-78 Prep to Sq. cmt perf @ 5275'.  
Test BOP & 4 1/2" csg w/BP @ 6000' to 4000 psi for 15 min;  
Held OK; Set RTTS pkr @ 5082'; RU OWP & perf 4 jet shots  
@ 5275'; Pumped 100 bbls of 2% KCl wtr @ 3600 psi - 5.5  
BPM; No Circ; SI w/1000 psi. Released pkr & TOOH; PU  
Howco Cmt Retainer; TIH & set @ 5265' & tested BP @  
1500 psi & csg to 4500 psi; SDFN./

3-25-78 Running Temp Log.

3-26-78 RU OWP; Ran temp survey 5000' - 5257'; Top cmt O.S.  
4 1/2" csg @ 5120'; RD OWP; SDFN; WOC.

3-27-78 PU power swivel.  
Prep to drill out cmt retainer @ 5255'.

3-28-78 Prep to FOOH.  
PU 3-3/4" bit & bit sub & 2-3/8" tbg; Drld retainer @  
5257'; 22' of hard cmt fell thru. Ran tbg to 5994',  
top of frac snd; Pull 43 stds; SDFN; Prep to FOOH w/  
tbg & bit.

3-29-78 Prep to perf 2 holes @ 5208' & 5209'.  
POOH w/tbg. RU OWP. Perf 4 1/2" csg w/3-1/8" gun @ 5243',  
5242', 5241', 5240', 5239', 5235', 5231', 5230', 5229',  
5223', & 5222', w/1 SPF. TIH w/57 jts tbg. Pulled &  
LD 57 jts tbg. PU Howco Retrieving tool, 1 jt tbg, Otis  
X Nipple, 159 jts tbg w/6' Blast jt on top. Tbg set @  
5031.97' KB. KB = 17 1/2'. ND BOP's. NU tree. SION. RU  
prep to acidize.

3-30-78 Flowing to pit after acid - Prep to frac today.  
FTP 50#, on 36/64" ck. Flowing load & acid wtr to  
pit & prep to frac @ 1:00 PM, today.

COLORADO INTERSTATE GAS COMPANY

ONE-POINT BACK PRESSURE TEST FOR NATURAL GAS WELLS

COMPANY: <b>Gas Producing Enterprises, Inc.</b>		LEASE: <b>Natural Buttes Unit</b>			WELL NUMBER: <b>16</b>	
FIELD: <b>Natural Buttes Area</b>		PRODUCING FORMATION: <b>Mesaverde</b>			COUNTY: <b>Uintah County</b>	
SECTION: <b>34</b>	TOWNSHIP: <b>9S</b>	RANGE: <b>22E</b>	PIPELINE CONNECTION: <b>Colorado Interstate Gas Company</b>			
CASING (O.D.): <b>4.500</b>	WT./FT.: <b>11.6</b>	I.D.: <b>4.000</b>	SET AT: <b>9003</b>	PERF.:	TO:	
TUBING (O.D.): <b>2.375</b>	WT./FT.: <b>4.7</b>	I.D.: <b>1.995</b>	SET AT: <b>6741</b>	PERF.:	TO:	
PAY FROM:	TO:	L: <b>6741</b>	G(RAW GAS):	GL: <b>4112.010</b>	d <sub>e</sub> : <b>1.9950</b>	
PRODUCING THRU: <b>Tubing</b>	STATIC COLUMN: <b>Yes</b>	PACKER (S) SET @:	G(SEPARATOR): <b>.610</b>	METER RUN SIZE: <b>1.939</b>	ATTRIBUTABLE ACREAGE: <b>“(FLANGE)”</b>	

OBSERVED DATA								
DATE OF FLOW TEST:		<b>7-21-78</b>	<b>7-24-78</b>					
ORIFICE SIZE INCHES	METER DIFFERENTIAL RANGE	METER PRESSURE	DIFFERENTIAL ROOTS	FLOWING TEMPERATURE †	CASING WELLHEAD PRESSURE		TUBING WELLHEAD PRESSURE	
					p.s.i.g.	p.s.i.a.	p.s.i.g.	p.s.i.a.
<b>1.250</b>	<b>100</b>	<b>492.0</b>	<b>3.80</b>	<b>74</b>	<b>1148.0</b>	<b>1161.0</b>	<b>1074.0</b>	<b>1087.0</b>

RATE OF FLOW CALCULATIONS								
24 HOUR COEFFICIENT	METER PRESSURE p.s.i.a.	hw	p <sub>mh</sub> w	EXTENSION $\sqrt{p_{mh}w}$	GRAVITY FACTOR F <sub>g</sub>	FLOWING TEMP. FACTOR F †	DEVIATION FACTOR F <sub>pv</sub>	RATE OF FLOW R MCFD
<b>8533.0</b>	<b>505.0</b>	<b>14.44</b>	<b>7292.200</b>	<b>85.394</b>	<b>1.280</b>	<b>.9868</b>	<b>1.0414</b>	<b>958.49</b>

PRESSURE CALCULATIONS				
DATE OF SHUT-IN TEST: <b>7-4-78</b>				
SHUT-IN PRESSURE: <b>13.000</b> BAR. 14.4 p.s.i.				
CASING: <b>1439.0</b> p.s.i.g.	TUBING: <b>1429.0</b> p.s.i.g.	<b>1452</b> p.s.i.g.	<b>1452</b> p.s.i.g.	<b>2108304</b> p.s.i.g.
P <sub>w</sub> p.s.i.a.	P <sub>w</sub> <sup>2</sup>	P <sub>r</sub>	T <sub>r</sub>	Z
<b>1161.0</b>	<b>1347921.0</b>	<b>.75</b>	<b>1.48</b>	

POTENTIAL CALCULATIONS		
(1) $\frac{P_c^2 - P_a^2}{P_c^2 - P_w^2} = 2.7727$	(2) $\left[ \frac{P_c^2 - P_a^2}{P_c^2 - P_w^2} \right]^n = 1.7099$	(3) R $\left[ \frac{P_c^2 - P_a^2}{P_c^2 - P_w^2} \right]^n = 1640$

CALCULATED WELLHEAD OPEN FLOW: <b>1640</b> MCFD @ 14.65	BASIS OF ALLOCATION:	SLOPE n: <b>.526</b>
APPROVED BY COMMISSION:	CONDUCTED BY:	CHECKED BY:

I, \_\_\_\_\_, BEING FIRST DULY SWORN ON OATH, STATE THAT I AM FAMILIAR WITH FACTS AND FIGURES SET FORTH IN THIS REPORT, AND THAT THE REPORT IS TRUE AND CORRECT.

\_\_\_\_\_  
SIGNATURE AND TITLE OF AFFIANT

\_\_\_\_\_  
COMPANY

SUBSCRIBED AND SWORN TO BEFORE ME THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 19\_\_\_\_

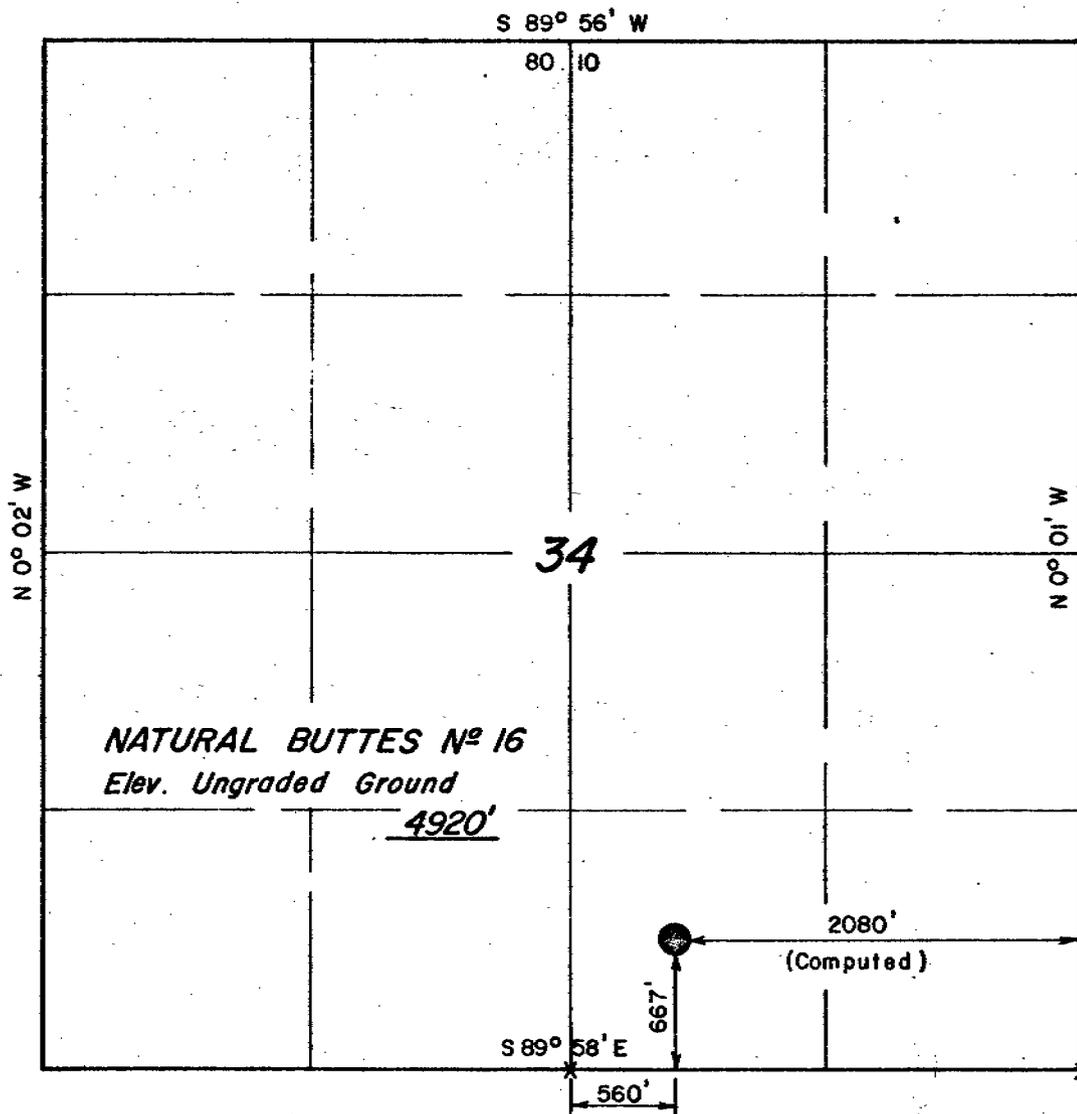
MY COMMISSION EXPIRES \_\_\_\_\_

\_\_\_\_\_  
NOTARY PUBLIC

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

PROJECT  
**GAS PRODUCING ENTERPRISES**

Well Location, *Natural Buttes No 16*,  
 located as shown in the SW 1/4 SE 1/4,  
 Section 34, T 9 S, R 22 E, S.L.B. & M.  
 Uintah County, Utah.



CERTIFICATE

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

*Nelson J. Marshall*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION No 2454  
 STATE OF UTAH

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b> P. O. BOX Q - 110 EAST - FIRST SOUTH VERNAL, UTAH - 84078	
SCALE 1" = 1000'	DATE 1 / 20 / 75
PARTY L.D.T., W.P., B.D.	REFERENCES GLO Plat
WEATHER Cold	FILE Gas Producing Enterprises

X = Section Corners Located

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE  
(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

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. RESRV.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
Gas Producing Enterprises, Inc.

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 667' FSL & 2080' FEL, Section 34, T9S, R22E  
At top prod. interval reported below Same  
At total depth Same

*Workover*



5. LEASE DESIGNATION AND SERIAL NO.  
U-0149077

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 #16

10. FIELD AND POOL, OR WILDCAT  
BITTER CREEK FIELD

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Section 34, T9S, R22E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. PERMIT NO. 43-047-30209 DATE ISSUED 2-18-75

15. DATE SPUDDED 3-3-75 16. DATE T.D. REACHED 3-27-75 17. DATE COMPL. (Ready for prod.) Mesaverde: 9-24-75  
Commingled: 4-5-78 18. ELEVATIONS (DF, BEB, BT, GR, ETC.)\* 4920' Ungr. Gr. 19. ELEV. CASINGHEAD 4921'

20. TOTAL DEPTH, MD & TVD 9015' 21. PLUG, BACK T.D., MD & TVD 8854' 22. IF MULTIPLE COMPL. HOW MANY\* 2 (Commingled) 23. INTERVALS DRILLED BY 0-TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*  
Mesaverde: 8041'-8795'  
Wasatch: \_\_\_\_\_ 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN FDC-CNL, DIL, BHC-Sonic, CBL-GR, Temp. 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
4-1/2"	11.6#	9003'	7-7/8"	730 sacks	-----
8-5/8"	24.0#	1975'	10-3/4"	300 sacks	-----
13-3/8"	54.5#	50'	17-1/4"	75 sacks	-----

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5783'	-----

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHED

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	SEE ATTACHED

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
Original: 9-26-75 Workover: 4-5-78	Flowing	Producing

HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF	WATER--BBL.	GAS-OIL RATIO
24	16/64	→	0	1300	0	-----
4-4-78	17/64"	→	0	1300	0	-----

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF	WATER--BBL.	OIL GRAVITY-API (CORR.)
830	STCP 1700	→	0	1300	0	-----

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

TEST WITNESSED BY  
K.E. Oden

35. LIST OF ATTACHMENTS  
(1) Perf & Frac Record; (2) Chronological of Workover; (3) Original Completion Report

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

SIGNED *E.R. Midkiff* TITLE District Superintendent DATE August 8, 1979

\*(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 zone (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: "Sacks 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.)

**37. SUMMARY OF POROUS ZONES:**

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
NO CORES OF DST'S			

**38. GEOLOGIC MARKERS**

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Wasatch	4220'	
Mesaverde	6490'	
Castlegate	8855'	

ATTACHMENT #1

PERFORATION & FRACTURE TREATMENT RECORD

NATURAL BUTTES UNIT #16  
Section 34-T9S-R22E  
Uintah County, Utah

Perf w/3-1/8" csg gun w/1 SPF @

8795-97'	8204-08'
8785-87'	8146-48'
8734-38'	8134-36'
8592-96'	8041-45'

Total 24 holes.

Frac w/172,000 gals gel wtr + 307,800# sand.

Perf w/3-1/8" csg gun w/4 shots/zone @

7991-95'  
7932-36'  
7868-72'  
7717-21'  
7626-30'

Total 20 holes

Perf w/3-1/8" csg gun w/1 SPF @

7516-20'	6941-45'
7294-98'	6764-68'
7261-65'	6738-42'
7234-38'	6694-98'
7098-7102'	6564-68'
7014-18'	6575-19'
6979-83'	

Total 52 holes.

Frac w/17,000 gals 15% HCl + 768,360 gals Versa frac fluid + 83,950 gals pre-pad + 65,000# 40-60 sand + 1,435,000# 20-40 sand.

Perf 4 JSPF w/3-1/8" csg gun @ 5275' = 4 holes.

ATTACHMENT #1 - PAGE 2  
Perforation & Fracture Treatment Record  
Natural Buttes Unit #16

Perf 1 SPF w/3-1/8" csg gun @

5243'	5231'
5242'	5230'
5241'	5229'
5240'	5223'
5239'	5222'
5235'	

Total 11 holes

Acidized w/3000 gals 15% MSR acid.

Frac w/60,480 gals gelled 2% KCl + 103,000# 40-60 sand.

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, CO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 667' FSL & 2080' FEL  
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>NTL-2B Unlined Pit</u>			

*Approval denied*

5. LEASE U-0149077	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
7. UNIT AGREEMENT NAME Natural Buttes Unit	
8. FARM OR LEASE NAME Natural Buttes	
9. WELL NO. Natural Buttes Unit #16	
10. FIELD OR WILDCAT NAME Natural Buttes Field	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 34-T9S-R22E	
12. COUNTY OR PARISH Uintah	13. STATE Utah
14. API NO. 43-047-30209	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 4920' GR	

(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.)\*

This application is to request approval to dispose of produced waters in an unlined pit with a bentonite seal. The subject well produces less than one BWPD. The attached water analysis gives the composition of produced waters. Water is produced from the Wasatch-Mesaverde deformation. The evaporation rate for the area compensated for annual rainfall is 70 inches per year. The percolation rate is 2-6 inches per hour for the area. The pit itself is 30' x 30' at the surface, tapering down to 25' x 25', having a depth of 6-1/2 feet. See the attached map for location of well site. The pit is located at the well site.

- Attachments: (1) Topo map  
(2) Water analysis

The areal extent and depth of waters containing less than 10,000 ppm TDS is unknown. The cement for the 4-1/2" casing is brought back near surface which protects all surface waters.

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

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

SIGNED F. R. Midkiff TITLE Production Superintendent DATE July 29, 1980  
(This space for Federal or State office use)

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

SAMPLE NO. \_\_\_\_\_

# THE WESTERN COMPANY

Service Laboratory  
 Midland, Texas  
 Phone 683-2781 Day  
 Phone 683-4162 Night

Service Laboratory  
 Oklahoma City, Oklahoma  
 Phone 840-2771 Day  
 Phone 751-5470 Night

## WATER ANALYSIS

County **UINTAH**

Date Sampled **6-29-80**

Field **NATURAL BUTTES**

Date Received **6-30-80**

Operator **CIGE**

Submitted By **KARL ODEN**

Well **CIGE NATURAL BUTTES # 16**

Worked By **JOHN KOTELEC**

Depth \_\_\_\_\_

Other Description \_\_\_\_\_

Formation **WASATCH**

### CHEMICAL DETERMINATIONS as parts per million

Density	<u>1.005 @ 22°C</u>	pH	<u>7.5</u>
Iron	<u>3 ppm</u>	Hydrogen Sulfide	<u>NONE</u>
Sodium and Potassium	<u>10091</u>	Bicarbonate	<u>927</u>
Calcium	<u>560</u>	Sulfate	<u>2800</u>
Magnesium	<u>146</u>	Phosphate	_____
Chloride	<u>14370</u>	as Sodium Chloride	<u>23639</u>

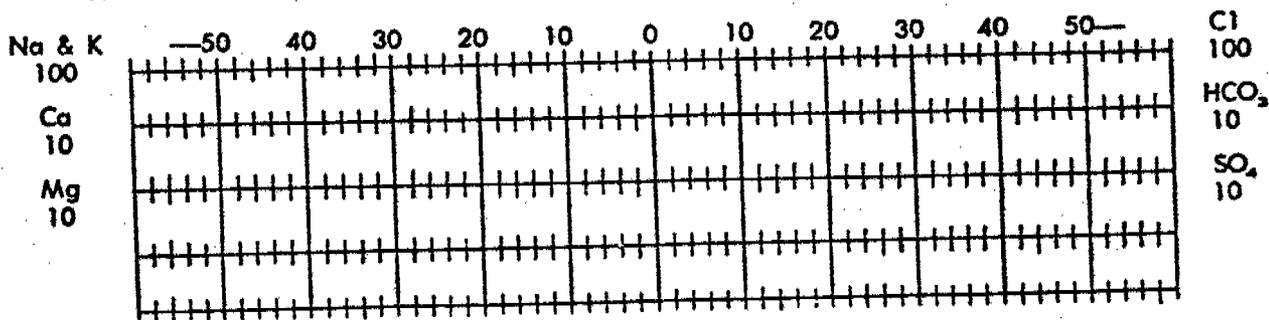
TOTAL ppm \_\_\_\_\_

Resistivity .28 ohm-meters @ 70°F

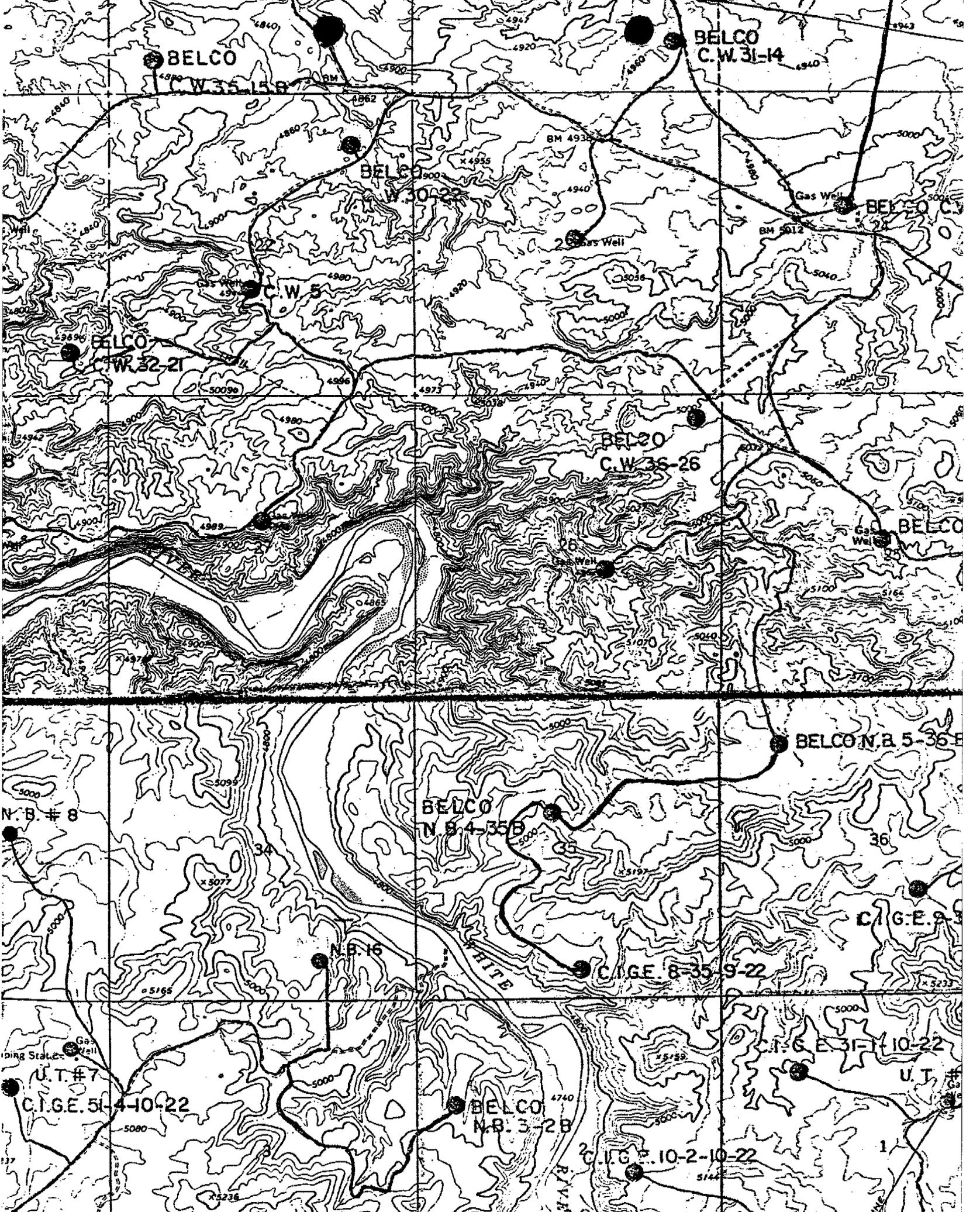
TOTAL HARDNESS - 2000 ppm as CaCO<sub>3</sub>

Remarks:

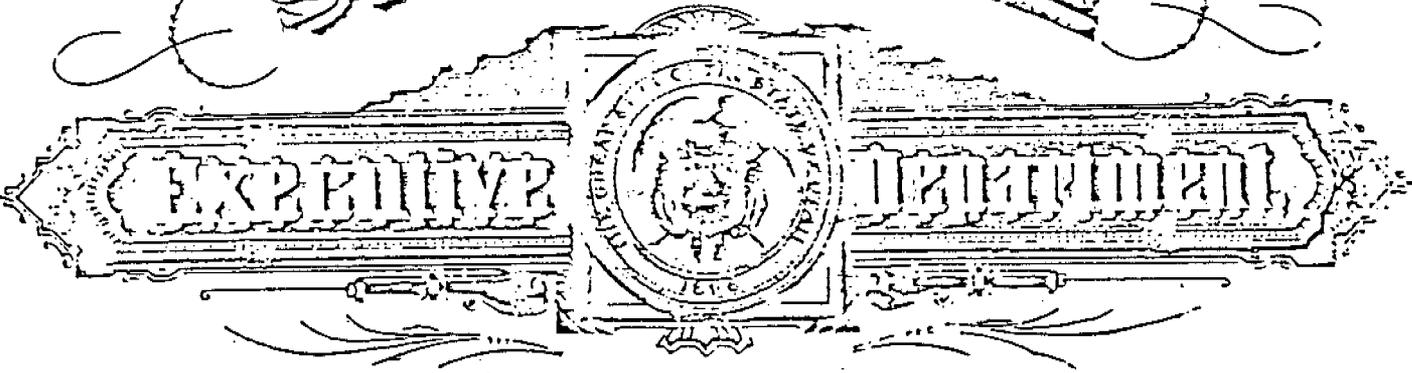
for Stiff type plot (in meq./l.)



Per \_\_\_\_\_



STATE OF UTAH



Office of Lt. Governor/Secretary of State  
AMENDED CERTIFICATE OF AUTHORITY  
OF

Rec 10/31/83

~~COASTAL OIL & GAS CORPORATION~~

I, DAVID S. MONSON, Lt. Governor/Secretary of State of the State of Utah, hereby certify that duplicate originals of an Application of  
COASTAL OIL & GAS CORPORATION formerly  
GAS PRODUCING ENTERPRISES, INC.

for an Amended Certificate of Authority

duly signed and verified pursuant to the provisions of the Utah Business Corporation Act, have been received in my office and are found to conform to law.

ACCORDINGLY, by virtue of the authority vested in me by law, I hereby issue this Amended Certificate of Authority to  
COASTAL OIL & GAS CORPORATION  
to transact business in this State

and attach hereto a duplicate original of the Application for such Amended Certificate.

File No. #49324

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the Great Seal of the State of Utah at Salt Lake City, this 4th day of April A.D. 1978

*David S. Monson*

LT. GOVERNOR/SECRETARY OF STATE



Coastal Oil & Gas Corporation

RECEIVED  
JUN 30 1986

070905

946 East Hwy. 40  
P. O. Box 1138  
Vernal, Utah 84078  
Phone (801) 789-4433

DIVISION OF  
OIL, GAS & MINING

June 23, 1986

State of Utah Department of Health  
Attn: Kent Montaque  
Water Pollution Control  
3266 State Office Building  
P.O. Box 4550  
Salt Lake City, Utah 84145

RE: Waste Oil Handling

Dear Mr. Montaque

Coastal Oil & Gas, Operator for the Natural Buttes Unit, Uintah County, Utah, is requesting permission to spread waste oil on lease and Uintah County roads within the unit boundaries. Reasons are as listed below:

1. Unsaleable oil, virtually with no hydrocarbon properties.
2. Treating of oil is impossible.
3. Uneconomical to haul to disposal, trucking and disposal charges, ie: verses royalties.
4. Oil will be spread on roads and bladed in for dust control and dust pollution.
5. There are no water wells in the unit and the spreading of oil will be kept from drainage areas.
6. Waste oil will be spread only under Coastal's close supervision.
7. Annual production on waste oil is less than sixty barrels per year.

Here are a list of the wells this project would entail:

1. CIGE 90D Section 9-T9S-R21E P
2. CIGE 59 Section 21-T10S-R21E P
3. CIGE 15 Section 8-T10S-R22E P
4. NBU 16 Section 34-T9S-R22E P
5. NBU 18 Section 10-T10S-R22E P

Thank-you.

R.J. Lewis  
Area Production Foreman

RJL/tj  
see attachments  
cc: Vince Guinn - Coastal  
Paul Breshears - Coastal  
file

RECEIVED  
JUN 30 1986

LABORATORY REPORT

No.            DIVISION OF  
OIL, GAS & MINING

Bob Lewis

Date 6-25-86

CIGE

Vernal, UT

This report is the property of Halliburton Company and neither it nor any part thereof nor a copy thereof is to be published or disclosed without first securing the express written approval of laboratory management; it may however, be used in the course of regular business operations by any person or concern and employees thereof receiving such report from Halliburton Company.

Give below results of our examination of Fluid sample from pit of well #59  
Submitted by Bob Lewis  
Requested #59 from pit

The above sample contained 236 mils of oil. No other liquids were in the sample.

API Gravity = 33.8° @ 60° F.

cc: C.C. Morey  
D.J. Lube  
R.C. Jacquier  
File (2)

Respectfully submitted,

HALLIBURTON SERVICES

By Rick Curtice  
R.J. Curtice  
Special Operator

SAMPLE NO. \_\_\_\_\_

**RECEIVED**  
JUN 30 1986

**THE WESTERN COMPANY**

Service Laboratory  
Midland, Texas  
Phone 683-2781 Day  
Phone 683-4162 Night

DIVISION OF  
Service Laboratory  
**OIL, GAS & MINING**  
Oklahoma City, Oklahoma  
Phone 840-2771 Day  
Phone 751-5470 Night

**WATER ANALYSIS**

County **UINTAH**  
Field \_\_\_\_\_  
Operator **CIGE**  
Well **CIGE # 44**  
Depth \_\_\_\_\_  
Formation **WASATCH**

Date Sampled **6-29-80**  
Date Received **6-30-80**  
Submitted By **KARL ODEN**  
Worked By **JOHN KOTELEC**  
Other Description \_\_\_\_\_

**CHEMICAL DETERMINATIONS as parts per million**

Density 1.005 @ 22°C pH 7.8  
Iron 2 ppm Hydrogen Sulfide NONE  
Sodium and Potassium 1863 Bicarbonate 268  
Calcium 200 Sulfate 0  
Magnesium 97 Phosphate \_\_\_\_\_  
Chloride 3353 as Sodium Chloride 5516

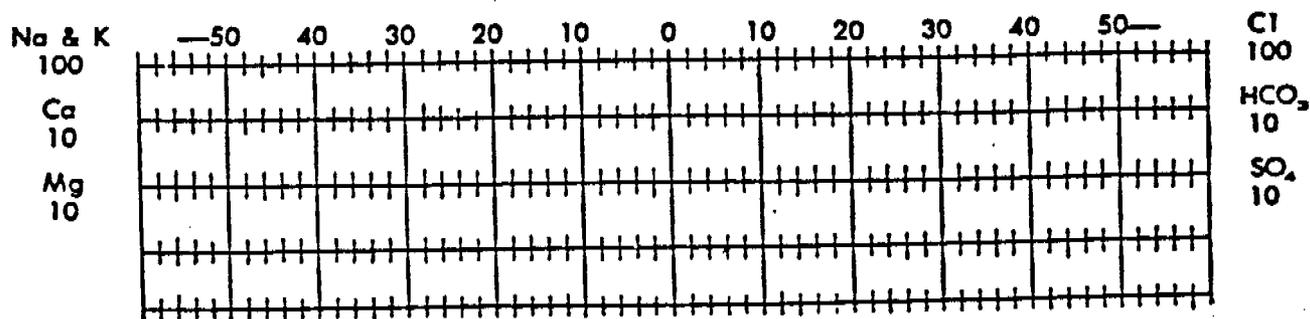
TOTAL ppm \_\_\_\_\_

Resistivity 1.005 ohm-meters @ 70°F

TOTAL HARDNESS - 900 ppm as CaCO<sub>3</sub>

Remarks:

for Stiff type plot (in meq./l.)



Per \_\_\_\_\_

CONDITIONS OF APPROVAL

1. Only the skim oil will be removed and applied to road surfaces. The skim oil does not include the produced water. The fluids other than the skim oil will have to be hauled to an authorized disposal site.
2. The skim oil will only be used on main roadways and will not be used on individual access roads to existing locations. The reason being that if the locations are abandoned, oil on the access roads may inhibit reclamation. For that reason, we want all skim oil used on main thoroughfare.



Coastal Oil & Gas Corporation

946 East Hwy. 40  
P. O. Box 1138  
Vernal, Utah 84078  
Phone (801) 789-4433

August 30, 1985

RECEIVED  
JUN 30 1986

State of Utah Department of Health  
Attny Al Trearse  
Environmental Health Engineer  
Bureau of Air Quality  
3266 State Office Building  
P.O. Box 45500  
Salt Lake City, Utah 84145-0500

DIVISION OF  
OIL, GAS & MINING

Re: Disposal Pit: NBU #15  
Sec. 26-T9S-R21E  
Uintah County, Utah

Dear Mr. Trearse:

In regards to the telephone conversation Tuesday, August 27, 1985, involving the handling of unusable hydracarbons in the burn pit within the disposal pit complex.

It is the intent that this un-marketable fluid be skimmed off and used for dust control on the lease roads whenever feasible.

Sincerely,

R.J. Lewis  
Area Production Foreman

See Attachments  
cc: Vince Quinn/COG

~~File~~



STATE OF UTAH  
DEPARTMENT OF HEALTH

NORMAN H. BANGERTER, GOVERNOR

AUG 19 1985

SUZANNE DANDROY, M.D., M.P.H., EXECUTIVE DIRECTOR

533-6108

RECEIVED  
JUN 30 1986

Mr. R.J. Lewis  
Area Production Foreman  
Coastal Oil and Gas Corporation  
946 East Highway 40  
P.O. Box 1138  
Vernal, UT 84078

DIVISION OF  
OIL, GAS & MINING

RE: NOI for Produced Water Disposal Pit,  
Natural Bites Unit, at NBU, Section 3,  
TIOS, R21E

Dear Mr. Lewis:

We have reviewed your notice of intent to construct a Produced Water Disposal Pit.

Section 3.1.8, Utah Air Conservation Regulations require that all new sources of air pollutions must apply best available control technology (BACT) to all emission points. The Bureau of Air Quality is concerned that open burning of any hydrocarbons collected on the Produced Water Disposal Pit may not be BACT for this source. Before the Executive Secretary can complete a review of the proposal, Coastal Oil and Gas is requested to submit the following:

- 1) An alternative method to open burning of hydrocarbons collected on the pit.
- 2) Sufficient reasons why open burning is the only feasible method for hydrocarbon removal from the pit if this is your finding.

If you have any questions concerning this matter, please contact the undersigned at 801-533-6108.

Sincerely,

*A.R. Trearse*

A.R. Trearse  
Environmental Health Engineer  
Bureau of Air Quality

ART/jb

8957Q



Form 9-331  
Dec. 1973

Form Approved.  
Budget Bureau No. 42-R1424

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-010950A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Natural Buttes Unit

8. FARM OR LEASE NAME

9. WELL NO.  
NBU #14

10. FIELD OR WILDCAT NAME  
Bitter Creek Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 22-T9S-R21E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDS, AND WD)  
4,895' GR.

1. oil well  gas well  other

2. NAME OF OPERATOR  
Coastal Oil & Gas

3. ADDRESS OF OPERATOR  
P.O. Box 1138 Vernal, Utah

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE:  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

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) Skim Pit <input 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.)

Approval is requested to skim the pit and haul to the county road and apply for dust control. This oil is not a saleable product, being a mixture of oil shale and gilsonite. The BLM office in Vernal will be contacted prior to movement as to the day, road and location.

RECEIVED  
JUN 30 1986



DIVISION OF  
OIL, GAS & MINING

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

18. I hereby certify that the foregoing is true and correct  
SIGNED [Signature] TITLE Area Foreman DATE 6-10-85

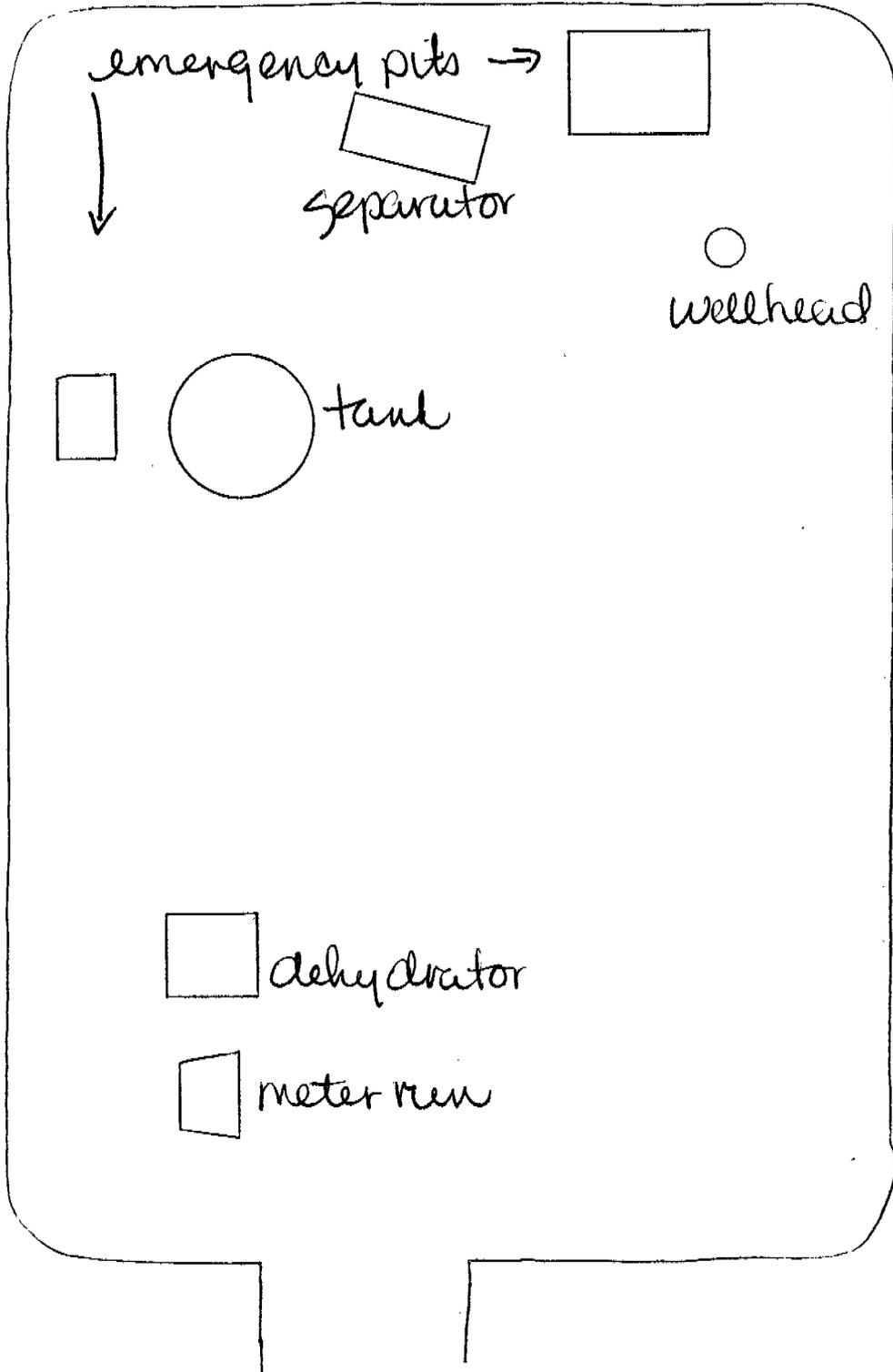
(This space for Federal or State office use)

APPROVED BY [Signature] TITLE Area Manager DATE 06/24/85  
CONDITIONS OF APPROVAL IF ANY: "ATTACHED"

OPERATOR

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

NBU 16 Sec 34, T95, R22E Grubly 1/11/89



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP  
(Other instruction  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

**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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-0149077
2. NAME OF OPERATOR Coastal Oil & Gas Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR P.O. Box 749, Denver, Colorado		7. UNIT AGREEMENT NAME Natural Buttes Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 667' FSL & 2080' FEL		8. FARM OR LEASE NAME Natural Buttes Unit
14. PERMIT NO. 43-047-30209		9. WELL NO. 16
15. ELEVATIONS (Show whether on top, side, or bottom) 4920' GR		10. FIELD AND POOL, OR WILDCAT Natural Buttes Field
11. COUNTY OR PARISH Uintah		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Section 34, T9S-R22E
12. STATE Utah		

RECEIVED  
MAY 15 1989

DIVISION OF  
OIL, GAS & MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PLUG OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Install Passive Leak Detection System <input checked="" type="checkbox"/>			

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

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.)

Coastal Oil & Gas Corporation requests permission to construct a passive leak detection system on the existing produced water pit for blow downs and for waste oil. The procedure will be as follows:

- Clean out existing produced water pit and re-slope the sides.
- Lay down 6" of bentonite followed by 4" of sand.
- Install 4" perforated pipe w/tattle tale.
- Lay down 6" of 1-1/2" crushed rock followed by 6" of bentonite.
- Install plastic pit liner.

Coastal will prepare a NTL-2B for a new water evaporation pit.

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

Date: 6-6-89

By: A. B. J.

18. I hereby certify that the foregoing is true and correct.  
SIGNED Eileen Danni Dey TITLE Regulatory Analyst DATE May 12, 1989  
(This space for Federal or State office use)

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

Federal Approval of this  
Action is Necessary

\*See Instructions on Reverse Side

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-0149077

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 #16

9. API Well No.

43-047-30209

10. Field and Pool, Or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, UT

**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)

667' FSL & 2080' FEL  
Section 34-T9S-R22E

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

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

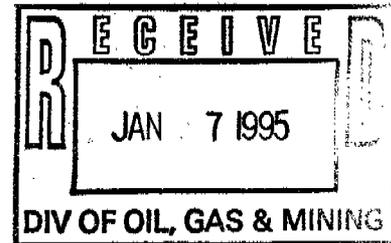
TYPE OF ACTION

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other Isolate Suspected Csg Leak  
 Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 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 markets and zones pertinent to this work.)\*

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



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

Signed

*N.O. Shiflett*  
N.O. Shiflett

Title

District Drilling Manager

Date

01/25/95

(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

THE COASTAL CORPORATION  
PRODUCTION REPORT

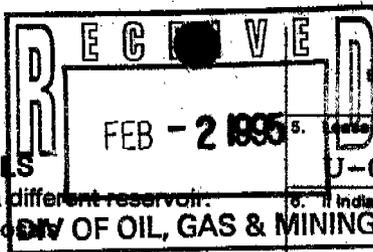
CHRONOLOGICAL HISTORY

PAGE 3

NBU #16 (Isolate suspected csg leak)  
Natural Buttes Unit  
Uintah County, UT  
WI: 100% COGC AFE: 14508  
TD: 9015' PBD: 8854'  
4 1/2" @ 9003'  
Perfs: 5222' - 8797'

- 11/14/94 PO: SI Build Press. RU Colo. Well swabing unit. Could not get past 1250'. Pump 10 bbl condensate, swab OK. IFL 450', FFL 2900', recover 140 bbl total fluid, all wtr (black dirty).
- 11/23/94 PO: Prep to swab. MI & RU Colo. Well Serv rig #26. Blew well down. ND WH. NU BOP. POOH w/tbg. PU & RIH w/17 jts 2-3/8" J-55 tbg & MS Model R-3 packer. RIH w/164 jts 2-3/8" N80 tbg (laid down & replaced 30 jts plugged w/hvy oil). Set pkr @ 5127'. End of tail pipe @ 5669'. SN @ 5635', notched collar on bottom. ND BOP. NU WN. SDFN.  
DC: \$8,180
- 11/24/94 PO: SI for Press Buildup. Pumped 50 bbls hot 3% KCl wtr down tbg. load tbg - csg annulus w/16 BW. Pumped into csg @ 1 BPM w/200 psi. RU swb. Made 18 swb runs, rec 90 BW. IFL @ 700'. FFL @ 5000'. Fluid hvy gas cut, wk gas blow 1/2 - 1 min behind swab. Dropped soap sticks. SWI.  
DC: \$2,460 CC: \$10,640
- 11/25/94 SI. Tbg press 0. Csg press 110#.
- 11/26/94 SI. Tbg press 0. Csg press 125#.
- 11/27/94 SI. Tbg press 0. Csg press 130#.
- 11/28/94 SI. Tbg press 0. Csg press 140#.
- 11/29/94 Prep to swab. SICP 140#, SITP 0. Made 4 swab runs. Rec 14 BW. IFL @ 4000'. FFI @ 5000'. Fluid gas cut no blow between swb runs. SI. RD&MO Colo. Well Serv. rig #26. MI&RU Colo. Well Serv. swabbing rig. Made 10 swab runs, rec 33 BW. IFL 2800' scattered. FFL @ 3700' scattered. Fluid hvy gas cut. Fair blow 1-2 min behind swab. SDFN.  
DC: \$2,250 CC: \$12,890
- 11/30/94 Prep to swab. SITP 55#, SICP 100#. Made 21 swab runs, rec 40 bbls wtr. IFL @ 3000', FFL @ 4700'. Fluid hvy gas cut, strong gas blow 1-2 min behind swab decr to vry wk blow. Drop soap sticks. SION.  
DC: \$1,460 CC: \$14,350
- 12/01/94 Prep to swab. SITP 180#, SICP 85#. Flowed to tank 1/2 hr then died. Made 18 swab runs rec 33 BW. IFL @ 2450', FFL @ 5000'. Fluid hvy gas cut. Strong gas blow 1-2 min behind swab then v. wk blow. Dropped soap sticks. SION.  
DC: \$1,310 CC: \$15,660
- 12/02/94 Prep to swab. SITP 390#, SICP 130#. Blew down in 15 min. No fluid. Made 24 swab runs, rec 33 BW. IFL @ 700'; FFL @ 5000'. Fluid hvy gas cut. Strong gas blow 1-2 min behind swab, decr to wk blow. Drop soap sticks. SION.  
DC: \$1,200 CC: \$16,860
- 12/03/94 SI for press BU. SITP 440#, SICP 175#. Flowed to tank 15 min & died. Made 2 swb runs. Rec 5 BW. IFL @ 4200', FFL @ 4600'. Fluid hvy gas cut, strong gas blow 1-2 min behind swab dec to wk blow. Shut well in. RD & MO Colo. Well Serv. swbg unit. FINAL REPORT.  
DC: \$990 CC: \$17,850

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993  
5. State Designation and Serial No.  
J-0149077  
6. If Indian, Alottee or Tribe Name

**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.

<b>SUBMIT IN TRIPLICATE</b>		7. If Unit or CA, Agreement Designation <b>Natural Buttes Unit</b>
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	8. Well Name and No. <b>NBU #16</b>	
2. Name of Operator <b>Coastal Oil &amp; Gas Corporation</b>	9. API Well No. <b>43-047-30209</b>	
3. Address and Telephone No. <b>P. O. Box 749, Denver, CO 80201-0749</b> (303) 573-4476	10. Field and Pool, Or Exploratory Area <b>Natural Buttes</b>	
4. Location of Well (Footage, Sec., T., R., M., Or Survey Description) <b>667' FSL &amp; 2080' FEL Section 34-T9S-R22E</b>	11. County or Parish, State <b>Uintah County, UT</b>	

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 type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Install Siphon String</u>	<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 markets and zones pertinent to this work.)\*

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

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

Signed N.O. Shiflett Title District Drilling Manager Date 01/31/95  
N.O. Shiflett

(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.

6/13/94 PO: Producing. RDMO Cudd coiled tbg unit & N<sub>2</sub> unit. Well flwd into tank 7:00 - 9:00. 15.0 BW, SICP 500, FTP 150, 500 MCFPD. Turned well into sales line @ 9:30 AM. 1:30 PM FTP 320, SICP 600, 30/64" chk, 675 MCFPD, 2.5 BW/4 hrs.  
DC: \$1.850 TC: \$43,030

NBU #16 (Install Siphon String)  
Natural Buttes Unit  
Uintah County, UT  
WI: 100% COGC AFE: 14508  
TD: 9015' PBD: 8854'  
4½" @ 9003'  
Perfs: 5222'-8797'  
CWC(M\$): 15.0 /CC(M\$): 19.6

8/16/94 PO: Prep to RIH w/mill. MIRU Colo Well Serv rig #26. Kill well w/KCl wtr. ND WH, NU BOP. POOH w/tbg (216 jts). SDFN.  
DC: \$5,050 TC: \$5,050

8/17/94 PO: Prep to DO CICR. SICP 800. Blw dn & kill well w/KCl wtr. RIH w/3-3/4" mill & tbg to 6500'. POOH. RU Cutters WLS. RIH w/CICR to 6410'. Could not set CICR. Start POOH. CICR hung up @ 3400'. Pulled out of rope socket. RIH w/overshot & jars on. Tag CICR @ 4030'. Pushed dn to 4095', could not move up or dn. Sheared off & POOH w/setting tool. SDFN.  
DC: \$4,550 TC: \$9,600

8/18/94 PO: Prep to RIH w/tbg for prod. PU & RIH w/3-3/4" mill, 6 - 3-1/8" drill collars & tbg. DO CICR @ 4095'. RIH to 6450'. POOH & LD DC & mill. RU Cutters WLS. RIH & set CiCr @ 6410'. RD WL. SDFN.  
DC: \$5,820 TC: \$15,420

8/19/94 PO: Prep to swb. SICP 300 PSI. Blw dn in 15 min. RIH w/tbg for prod - 164 jts landed @ 5151' w/notched collar on btm SN 1 jt above & 10' blast jt on top. ND BOP, NU WH. Made 17 swb runs, rec 66 BW. IFL @ 2500'. FFL @ 4400'. Fluid hvy gas cut strong blow behind swb. SDFN.  
DC: \$2,720 TC: \$18,140

8/20/94 Swab well, started to flow - Flwd 400 MCFD on 20/64" chk, FTP 200#, 10-20 BWP.

8/21/94 Flwd 1.6 MMCFD on 8/64" chk @ FTP 800#, 0 BWP.

8/22/94 Flwd to sales 500 MCFD on 8/64" chk @ FTP 400#, 0 BWP.  
Prior prod: 0 MCFD. Final report.

8/23/94 FTP 400, SICP 650, 18/64 chk, 307 MCFPD in line. RD & MO Colo. Well Serv rig #26.

9/13/94 PO: Swb. MIRU Delsco NW Swbing Unit. IFL 1400'. FFL 3900'. Seven runs, rec 28 BW. Tbg tearing up swb cups. SDFN.  
DC: \$1,000 TC: \$1,000

9/14/94 PO: Well logged off. 200 PSI on tbg, blew dn 3 min. SICP 1100 PSI. IFL 2200', FFL 2700'. RDMO.  
DC: \$300 TC: \$1,300

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No.  
**U-0149077**

6. If Indian, Alottee or Tribe Name  
**N/A**

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

8. Well Name and No.  
**NBU #16**

9. API Well No.  
**43--047-30209**

10. Field and Pool, Or Exploratory Area  
**Natural Buttes**

11. County or Parish, State  
**Uintah County, UT**

**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)  
**667' FSL & 2080' FEL  
Section 34-T9S-R22E**

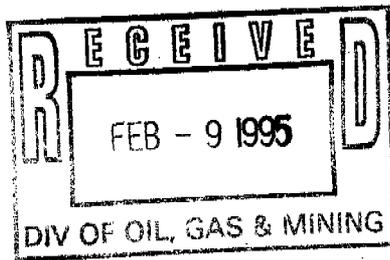
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Please see the attached chronological history for work performed in the subject well.



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

Signed N.O. Shiflett Title District Drilling Manager Date 01/31/95

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date tax credit  
Conditions of approval, if any: 2/3/95

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THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

NBU #16

4/15/94 PO: Prep to return to prod. MIRU Cudd Press. Cont. RIH w/1-1/4" coiled tbg to 6710'. RDMO Cudd.  
DC: \$20,390 TC: \$20,390

4/16/94 PO: SI for press BU. RU Cudd N<sub>2</sub> pump. Pumped plug out of end of 1-1/4" tbg. Blew well 1/2 hr. SION.  
DC: \$1,880 TC: \$22,270

6/09/94 PO: Prep to acdz. MIRU Cudd coiled tbg unit. Killed well w/20 bbls 3% KCl wtr. POOH w/1-1/4" coiled tbg. Tbg appeared to be in good condition & plug had been pumped out of btm.  
DC: \$2,660 TC: 2,660

6/10/94 PO: Prep to rerun 1-1/8" coiled tbg. Killed well w/220 bbls 3% KCl wtr. Replaced both csg valves which would not operate. RIH w/1-1/2" coiled tbg. Washed out bridge @ 6807'. Could not go below 6840'. RU Western. Spot 3000 gals 15% HCl @ 6840'. PU tbg to 6740'. Disp acid @ 4.0 BPM @ 0 press. ISIP 0. RIH w/tbg to 6840'. Jet csg w/N<sub>2</sub>. Rec 150 BW. Well did not kick off.  
DC: \$22,610 TC: \$25,270

6/11/94 PO: Flowing to tank. Start jetting well w/N<sub>2</sub> @ 10:00 AM. SICP 900 PSI.

TIME	BW/hr.	TIME	BW/hr.
11:00 AM	26.7	9:00	13.3
12:00	26.7	10:00	13.3
1:00 PM	28.3	11:00	13.3
2:00	20.0	12:00 AM	6.7
3:00	20.0	1:00	16.7
4:00	23.3	2:00	6.7
5:00	20.0	3:00	6.7
6:00	20.0	4:00	8.3
7:00	16.7	5:00	10.0
8:00	8.3		

Rec 305 BLW, 55 BLWTR. Stopped pmping N<sub>2</sub> @ 5:00 AM. Well flwg to tank. SICP 650 PSI.  
DC: \$11,640 TC: \$36,910

6/12/94 PO: Flowing to tank. SICP 600, FTP 150 open 2".

TIME	BW	TIME	BW/hr	FTP	SICP
5 - 10 AM	83.3	6:00	5.0	150	500
10 - 1 PM	30.0	7:00	8.35	"	"
1 - 2 PM	13.0	8:00	6.68	"	"
2 - 4 PM	15.0	9:00	6.68	"	"
4 - 5 PM	7.5	10:00	8.35	"	"
		11:00	8.35	"	"
		12:00	6.68	"	"
		1:00 PM	6.68	"	"
		2:00	6.68	"	"
		3:00	6.68	"	"
		4:00	5.01	"	"
		5:00	5.01	"	"
		6:00	5.0	"	"
		7:00	1.67	"	"
			86.82		

SICP 550, FTP 150, 500 MCFPD - gas. Rec 148 BW 10:00 - 5:00 PM, total rec = load + 93 bbls. Rec 87 BW 5:00 - 7:00 AM. Total Rec load + 180 bbls.  
DC: \$4,270 TC: \$41,180

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Natural Buttes Unit  
Uintah County, UT  
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TD: 9015' PBD: 8854'  
4 1/2" @ 9003'  
Perfs: 5222'-8797'  
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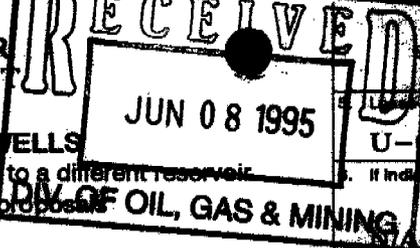
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DC: \$1,000 TC: \$1,000

9/14/94 PO: Well logged off. 200 PSI on tbg, blew dn 3 min. SICP 1100 PSI. IFL 2200', FFL 2700'. RDMO.  
DC: \$300 TC: \$1,300

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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



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<b>SUBMIT IN TRIPLICATE</b>		7. If Unit or CA, Agreement Designation <b>Natural Buttes Unit</b>
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. <b>NBU #16-34-9-22</b>
2. Name of Operator <b>Coastal Oil &amp; Gas Corporation</b>		9. API Well No. <b>43-047-30209</b>
3. Address and Telephone No. <b>P. O. Box 749, Denver, CO 80201-0749</b>	<b>(303) 573-4455</b>	10. Field and Pool, Or Exploratory Area <b>Natural Buttes</b>
4. Location of Well (Footage, Sec., T., R., M., Or Survey Description) <b>667' FSL &amp; 2080' FEL Section 34-T9S-R22E</b>		11. County or Parish, State <b>Uintah County, UT</b>

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	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Perf &amp; Frac</u>
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Please see the attached workover procedure for work to be performed on the subject well.

14. I hereby certify that the foregoing is true and correct  
Signed Sheila Bremer Title Environmental & Safety Analyst Date 06/06/95  
**Sheila Bremer**

(This space for Federal or State office use)  
APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

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\*See instruction on Reverse Side

**WORKOVER PROCEDURE**  
**NBU 16 34-9-22**

Location: 667' FSL and 2080' FEL Sec 34 79S-22E  
Elevation: 4861' GR, 4875' KB  
TD: 9015'  
PBSD: 6410'  
Casing: 8-5/8" 24# K-55 @ 1975'  
4-1/2" 11.6# N-80 @ 9003'  
Tubing: 2-3/8" 4.7# N-80 @ 5783'  
Formation: Wasatch 5222'-5243' (11 holes)  
WI: 100% COGC

1. MIRU. Kill well w/3% KCL. ND WH. NU BOP. POOH w/2-3/8" tbg.
2. RIH w/bit and csg scraper to PBSD (6410'). RU and run CBL (6410'-1972').
3. RIH w/Baker R-3 packer. Set at 5310' and pressure test (5310'-6410') to 2000#. POOH.
4. RIH w/CIBP. Set at 5175'.
5. RIH w/Baker R-3 packer. Set at 4200' and pressure test to 2000#. Continue to PU packer 1000'. Pressure test to locate casing leak (suspected at 2500'-3100').
6. RU and perforate w/3-1/8" casing gun (4 JSPF) at 5000'. RIH w/Baker R-3 packer. Set at 4980'. Pump into perforations (5000') w/3% KCL water to attempt to circulate up to casing leak. (Pump maximum of 100 BW to break circulation.)

If circulation can be achieved from 5000' to casing leak, TOO H w/Baker R-3 packer and RIH w/CICR. Set at 4980'. Re-establish circulation up 4-1/2" and cement. Pump 200 sxs mud flush followed by 5 bbls 3% KCL water, followed by 205 sxs 50/50 poz mix, followed by 100 sxs of class "G" containing 3% CaCl<sub>2</sub> and leave 5 sxs cement below retainer. Do not over displace cement into perms. Unsting from CICR and reverse circulate excess cement. POOH and WOC.

If circulation cannot be achieved from 5000' to casing leak, TOO H w/Baker R-3 packer. RIH w/ CICR. Set at 4980'. Squeeze 150 sxs 50/50 poz mix. Displace cement into perms (5000') until squeeze pressure of 3500# is achieved or cement has been displaced to 20' above perms (500'). Do not displace all cement into perms. Unsting from CICR and reverse circulate excess cement. POOH. RIH w/CIBP and set ± 50' below casing leak. RIH w/CICR and set ± 50' above casing leak. Squeeze 100 sxs class "G" cement w/2% CaCl<sub>2</sub> leaving a plug of cement inside casing at the leak. POOH and WOC.

7. RIH w/bit and drill out CICR at casing leak and pressure test to 2000#. Re-squeeze if necessary. Drill out CIBP and CICR at 4980' and CIBP at 5000'. Tag PBSD at 6410'.

8. RU and perforate w/3-1/8" casing gun from FDC-CNL log (3/75):

5760' (3 JSPF)                      5640' (2 JSPF)                      5615' (3 JSPF) (8 holes)

Reperf w/3-1/8" casing gun (4 JSPF):

5206	5231	5241	
5208	5235	5243	
5222	5239	5245	(44 holes)
5223			
5229			

9. RIH w/tubing and packer. Set packer at 5350'. Load backside w/3% KCL. Breakdown perfs at 5615'-5670' (8 holes) w/1500 gals 15% HCL. Frac down 2-3/8" tubing w/40,250 gal Borate (#35 gel) and 130,000# 20/40 sand. Injection at 15 BPM, treating pressure 6000#. (2-6 PPG sand concentration). Tag proppant w/radioactive tracer to determine frac position. See treatment schedule to follow.

10. Shut well in overnight. Open well and flow back to clean up after frac.

11. POOH w/tubing and packer. RIH w/bit to clean out frac sand and tag PBTB (6410'). RU and run GR log to determine frac position. RIH w/2-3/8" tubing to 5765' (new EOT). Swab and flow well to clean up.

12. After returning well to sales lines, obtain rates and pressures.

Rate prior to workover: 209 MCFD and 1 BWPD Aug 1994  
Well died and SI in Sept due to casing leak.

W



THE COASTAL CORPORATION  
PRODUCTION REPORT

**CHRONOLOGICAL HISTORY**

NBU #16 (Repair Csg-Perf-Frac-Lwr Tbg)  
Natural Buttes Unit  
Uintah County, UT  
WI: 100% COGC      AFE:  
TD: 9015' PBD: 8854'  
CWC(\$M): 89.7

- 6/07/95      **RU WL to run CBL.** MIRU W/O rig. Blew well dwn. ND WH, NU BOP's. TOH w/181 jts 2 $\frac{3}{8}$ " tbg & pkr.  
DC: \$ 4,950      CC: \$ 4,950
- 6/08/95      **Prep to set CIBP.** SICP 0, SITP 0. Well dead. RIH w/2 $\frac{3}{8}$ " tbg. Circ well w/110 BBLs hot wtr to CO wellbore. POOH w/tbg, scraper & mill. RU WL. Ran CBL f/6243-1700'. RIH w/4 $\frac{1}{2}$ " pkr & 2 $\frac{3}{8}$ " tbg. Set pkr @ 5310'. PT to 2000 psi - held. POOH w/tbg & pkr. RIH w/4 $\frac{1}{2}$ " CIBP on WL, set CIBP @ 5175'. RD WL. SI. SDFN.  
DC: \$ 8,600      CC: \$13,550
- 6/09/95      **RIH w/SN & 2 $\frac{3}{8}$ " tbg.** NU WH. RIH w/2 $\frac{3}{8}$ " tbg, set pkr @ 1918'. PT to 2000 psi - held. RIH & set pkr @ 2537', tstd to 2000 psi - held. RIH, set pkr @ 2661', tstd to 2000 psi - held. RIH, set pkr @ 3163', w/n press up, pmp dwn csg @ 2 BPM @ 500 psi. Pmp dwn tbg @ 1 $\frac{1}{2}$  BPM @ 800 psi. RIH, set pkr @ 3352', pmp dwn tbg @ 1 $\frac{1}{2}$  BPM @ 800 psi. RIH, set pkr @ 3664', pmp dwn tbg @ 1 BPM @ 1000 psi. RIH, set pkr @ 3974', pmp dwn tbg, csg flwg. RIH, set pkr @ 4285', pmp dwn tbg, csg flwg. Suspected pkr not working. POOH. Set tbg & pkr @ 2661', pmp dwn csg, press up to 1500 psi - held. RIH w/2 $\frac{3}{8}$ " tbg & pkr, set pkr @ 4597', pmp dwn tbg @ 1 BPM @ 1200 psi, circ behind csg. RIH, set pkr @ 4908', pmp dwn tbg @ 1 BPM @ 1200 psi, circ. RIH, set pkr @ 5153'. PT dwn tbg to 1500' - held. POOH, set pkr @ 5030'. PT to 1500 psi - held. POOH, set pkr @ 4966', PT to 1500 psi - held. POOH, set pkr @ 4908', pmp dwn tbg @ 1 BPM @ 1200 psi. Bleed off in 40 secs to 0. POOH w/tbg & pkr. Set pkr @ 2913', press csg to 1500 psi - held. RIH, set pkr @ 3037', pmp dwn csg, PT to 1500 psi - held. RIH, set pkr @ 3099', PT to 1500 psi - held. RIH, set pkr @ 3163', w/n press up. Pmp @ 2 BPM @ 500 psi. (located hole f/3099-4966', 1867' holes). POOH w/tbg & pkr. SI. SDFN.  
DC: \$ 2,500      CC: \$16,050
- 6/10/95      **SI.** RIH w/NC, tbg & SN. EOT @ 5028.58'. ND BOP. NU WH. RDMO.  
DC: \$ 1,600      CC: \$17,650

**FINAL REPORT**



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

195

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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Use "APPLICATION FOR PERMIT" - for such proposals

**SUBMIT IN TRIPLICATE**

<p>1. Type of Well  <input type="checkbox"/> Oil Well    <input checked="" type="checkbox"/> Gas Well    <input type="checkbox"/> Other</p>	<p>5. Lease Designation and Serial No. U-0149077</p>
<p>2. Name of Operator Coastal Oil &amp; Gas Corporation</p>	<p>6. If Indian, Alottee or Tribe Name N/A</p>
<p>3. Address and Telephone No. P. O. Box 749, Denver, CO 80201-0749      (303) 573-4455</p>	<p>7. If Unit or CA, Agreement Designation Natural Buttes Unit</p>
<p>4. Location of Well (Footage, Sec., T., R., M., Or Survey Description) 667' FSL &amp; 2080' FEL Section 34-T9S-R22E</p>	<p>8. Well Name and No. NBU #16-34-9-22</p> <p>9. API Well No. 43-047-30209</p> <p>10. Field and Pool, Or Exploratory Area Natural Buttes</p> <p>11. County or Parish, State Uintah County, UT</p>

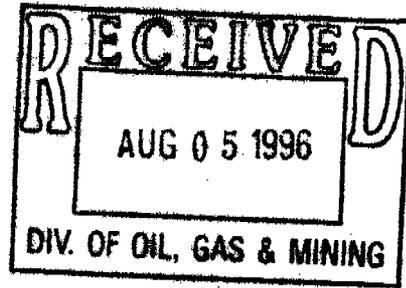
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input checked="" type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Perf &amp; Frac</u>	<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 markets 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 Sheila Bremer Title Environmental & Safety Analyst Date 09/14/95

(This space for Federal or State office use)  
 APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date tax credit 7/26/96  
 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.

THE COASTAL CORPORATION  
PRODUCTION REPORT

**CHRONOLOGICAL HISTORY**

NBU #16 (Repair Csg-Perf-Frac-Lwr Tbg)

Natural Buttes Unit

Uintah County, UT

WI: 100% COGC      AFE:

TD: 9015' PBD: 8854'

CWC(\$M): 89.7

- 6/07/95      RU WL to run CBL. MIRU W/O rig. Blew well dwn. ND WH, NU BOP's. TOH w/181  
jts 2 3/8" tbg & pkr.  
DC: \$ 4,950      CC: \$ 4,950
- 6/08/95      Prep to set CIBP. SICP 0, SITP 0. Well dead. RIH w/2 3/8" tbg. Circ well w/110 BBLS hot  
wtr to CO wellbore. POOH w/tbg, scraper & mill. RU WL. Ran CBL f/6243-1700'. RIH  
w/4 1/2" pkr & 2 3/8" tbg. Set pkr @ 5310'. PT to 2000 psi - held. POOH w/tbg & pkr. RIH  
w/4 1/2" CIBP on WL, set CIBP @ 5175'. RD WL. SI. SDFN.  
DC: \$ 8,600      CC: \$13,550
- 6/09/95      RIH w/SN & 2 3/8" tbg. NU WH. RIH w/2 3/8" tbg, set pkr @ 1918'. PT to 2000 psi - held.  
RIH & set pkr @ 2537', tstd to 2000 psi - held. RIH, set pkr @ 2661', tstd to 2000 psi - held.  
RIH, set pkr @ 3163', w/n press up, pmp dwn csg @ 2 BPM @ 500 psi. Pmp dwn tbg @ 1 1/2  
BPM @ 800 psi. RIH, set pkr @ 3352', pmp dwn tbg @ 1 1/2 BPM @ 800 psi. RIH, set pkr @  
3664', pmp dwn tbg @ 1 BPM @ 1000 psi. RIH, set pkr @ 3974', pmp dwn tbg, csg flwg.  
RIH, set pkr @ 4285', pmp dwn tbg, csg flwg. Suspected pkr not working. POOH. Set tbg  
& pkr @ 2661', pmp dwn csg, press up to 1500 psi - held. RIH w/2 3/8" tbg & pkr, set pkr @  
4597', pmp dwn tbg @ 1 BPM @ 1200 psi, circ behind csg. RIH, set pkr @ 4908', pmp dwn  
tbg @ 1 BPM @ 1200 psi, circ. RIH, set pkr @ 5153'. PT dwn tbg to 1500' - held. POOH,  
set pkr @ 5030'. PT to 1500 psi - held. POOH, set pkr @ 4966', PT to 1500 psi - held.  
POOH, set pkr @ 4908', pmp dwn tbg @ 1 BPM @ 1200 psi. Bleed off in 40 secs to 0. POOH  
w/tbg & pkr. Set pkr @ 2913', press csg to 1500 psi - held. RIH, set pkr @ 3037', pmp dwn  
csg, PT to 1500 psi - held. RIH, set pkr @ 3099', PT to 1500 psi - held. RIH, set pkr @  
3163', w/n press up. Pmp @ 2 BPM @ 500 psi. (located hole f/3099-4966', 1867' holes).  
POOH w/tbg & pkr. SI. SDFN.  
DC: \$ 2,500      CC: \$16,050
- 6/10/95      SL RIH w/NC, tbg & SN. EOT @ 5028.58'. ND BOP. NU WH. RDMO.  
DC: \$ 1,600      CC: \$17,650

**FINAL REPORT**

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-0149077**

6. If Indian, Alottee or Tribe Name  
**N/A**

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

8. Well Name and No.  
**NBU #16-34-9-22**

9. API Well No.  
**43-047-30209**

10. Field and Pool, Or Exploratory Area  
**Natural Buttes**

11. County or Parish, State  
**Uintah County, UT**

**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) 573-4455**

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)  
**667' FSL & 2080' FEL  
Section 34-T9S-R22E**

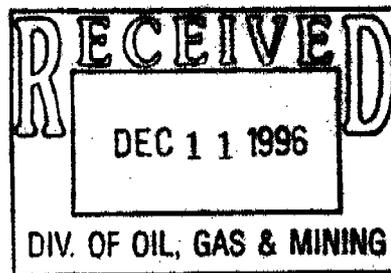
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" 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 type="checkbox"/> Other
	<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 markets and zones pertinent to this work.)

Please see the attached procedure to plug and abandon the subject well, due to persistent casing leaks and inability to return the well to full productivity.



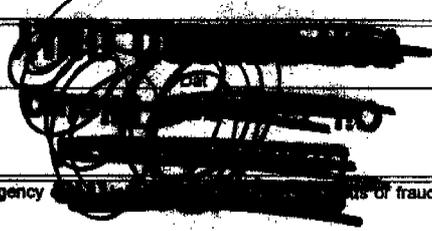
14. I hereby certify that the foregoing is true and correct.

Signed Bonnie Carson Title Senior Environmental Analyst Date 12/09/96

(This space for Federal or State office use)

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

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



**FOR RECORD ONLY**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any false statement or representation as to any matter within its jurisdiction.

**NBU #16**  
**NATURAL BUTTES FIELD**  
**SECTION 34 T9S R22E**  
**PLUG AND ABANDONMENT PROCEDURES**

**WELL DATA**

LOCATION: 667' FSL 2080' FEL SEC. 34 T9S R22E  
ELEVATION: 4861' GR., 4875' KB.  
TD: 9015', PBD 8854' (3/75), 6410' (8/94)  
CSG: 13 3/8", 54.5#, @ 50' W/ 75 SX. CLASS 'H'  
8 5/8", 24.0#, ST&C R-3 @1975' W/ 300 SX. CLASS 'G'  
4 1/2", 11.6#, N-80 @ 9003' w/ 730 SX.  
TBG: NO TBG IN WELL  
FORMATION(S): WASATCH 5222' - 5243', 11 HOLES (1978)  
CICR @6410' (8/94)  
MESAVERDE 8041' - 8791', 24 HOLES (4/75)  
6519' - 7995', 72 HOLES (5/76)

**PROCEDURE**

1. MI & RU. Blow down & kill well w/ 3% KCL water ND WH. NU BOP.
2. TIH w/ 2 3/8" work string & CICR. Set CICR @ 3099'. RU service company & sqz thru CICR @ 3099' with 80 sx Class 'G' cement. Place 100' cement on top CICR. PU & WOC. Tag top of cement (witnessed by BLM).
3. POOH w/ work string. RU & perforate w/ 3 1/8" casing gun @ 1975' (csg shoe of 8 5/8" csg). RU service company & sqz perf @ 1975' w/ 25 sx. Class 'G' cement. Monitor 8 5/8" & 4 1/2" annulus for flow. Place 100' cement plug inside 4 1/2" casing at 1975'. PU & WOC. Tag top of plug (witnessed by BLM).
4. POOH & LD 2 3/8" work string. ND BOP. Cut off casing. Fill 8 5/8" and 4 1/2" casing with 15 sx. Class 'G' cement. Weld on dryhole marker. RD & MO.
5. Restore surface location.

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-0149077

6. If Indian, Alottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU #16-34-9-22

9. API Well No.

43-047-30209

10. Field and Pool, Or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, UT

**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) 573-4455

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

667' FSL & 2080' FEL  
Section 34-T9S-R22E

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

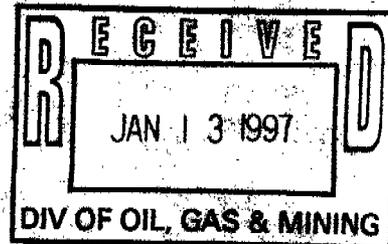
TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- 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 markets and zones pertinent to this work.)

Please see the attached chronological history for operations performed on the subject well



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

Signed

*Sheila Bremer*  
Sheila Bremer

TITLE Environmental & Safety Analyst

Date

01/10/97

(This space for Federal or State office use)

APPROVED BY

TITLE

Date

Conditions of approval, if any:

---

**Plug & Abandon**

12/28/96 PU retainer & tbg. RIH. Set retainer @ 3043'. RU BJ. Pmpd 100 sx Class G cmt below retainer. Spot 1½ bbls on top of retainer. Pull out 480' & RO WOC 3 hrs. TIH, tag cmt @ 2958'. POOH w/tbg. RU Cutters & RIH to 2040'. Shot four holes. POOH w/Cutters. TIH w/tbg to 2029'. Pmpd 20 sx Class G cmt. POOH 15 stds. SDFN  
DC: \$5,495 TC: \$8,335

- 12/29/96 TIH, tag cmt at 1987'. Press tst 4½" csg to 500 psi - OK. Still have wtr flow up 8⅝" csg. TOOH. RU Cutters, shot 4 holes @ 1901'. TIH to 1900', pmp 70 sx Class G cmt w/2% CaCl<sub>2</sub>. TOOH. WOC 2 hrs. TIH, tag plug @ 1890'. LD tbg. SDFN. Witnessed by Bill Owen.  
DC: \$10,960 TC: \$19,295
- 12/30/96 Dig out around WH. Cut off WH. Cmt 4½ through 1" w/13 sx G-cmt. Cmt 8⅝" through 1" w/35 sx "G" cmt. 70 sx down 13⅝" csg. Weld on dry hole marker. RDMO Colorado Well Service Rig #26. **Final Report**  
DC: \$4,496 TC: \$23,791

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 to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>U-0149077</b>
2. Name of Operator <b>Coastal Oil &amp; Gas Corporation</b>		6. If Indian, Allottee or Tribe Name <b>NA</b>
3a. Address <b>P.O. Box 1148, Vernal UT 84078</b>	3b. Phone No. (include area code) <b>435-781-7048</b>	7. If Unit or CA/Agreement, Name and/or No. <b>Natural Buttes Unit</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>667' FSL &amp; 2080' FEL Sec. 34 T9S, R22E</b>		8. Well Name and No. <b>NBU # 16-34-9-22</b>
		9. API Well No. <b>43-047-30209</b>
		10. Field and Pool, or Exploratory Area <b>Natural Buttes</b>
		11. County or Parish, State <b>Uintah Utah</b>

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"/> 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 <u>Additional testing of potential zones</u>

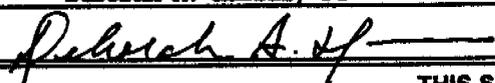
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths 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 final site is ready for final inspection.)

Coastal Oil & Gas Corporation (COG) recently received "written orders", dated June 15, 2000, from the BLM regarding rehabilitation of this site. As the well has additional untested potential, it is COG's intent to complete additional testing/exploration at this site at some time in the future; therefore, it is COG's intent not to complete rehabilitation at this time.

**RECEIVED**

**JUL 17 2000**

**DIVISION OF  
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <b>Deborah A. Harris, PG</b>	Title <b>Sr. Environmental Coordinator</b>
	Date <b>7/5/2000</b>

**THIS SPACE FOR FEDERAL OR STATE OFFICE 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, and Title 43 U.S.C. Section 1212, 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.



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.

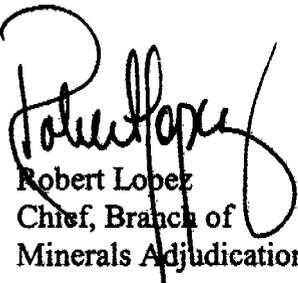
For our purposes, the name change is recognized effective December 31, 2001.

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)



IN REPLY REFER TO:  
Real Estate Services

## United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Washington, D.C. 20240

FEB 10 2003

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

# 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.

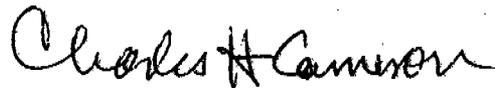
We have no objection.

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



JAN. 17. 2003 3:34PM

PORT

NO. 173

P. 2

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

410 Seventeenth Street #2300 Denver Colorado 80202-4434  
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

## 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

**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.

<b>1. TYPE OF WELL</b> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
<b>2. NAME OF OPERATOR:</b> El Paso Production Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
<b>3. ADDRESS OF OPERATOR:</b> 9 Greenway Plaza CITY Houston STATE TX ZIP 77064-0995		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (832) 676-5933		8. WELL NAME and NUMBER: Exhibit "A"
<b>4. LOCATION OF WELL</b> FOOTAGES AT SURFACE: COUNTY:  QTR/QR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT:

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

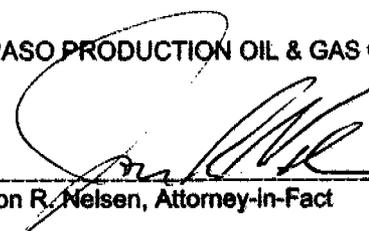
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> (Submit in Duplicate)  Approximate date work will start: _____  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> 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"/> 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

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

(This space for State use only)

Form 3160-3  
(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, Allotted or Tribe Name

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

9. API Well No.  
**SEE ATTACHED EXHIBIT "A"**  
10. Field and Pool, or Exploratory Area

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"**

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 type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input 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>SUCCESSOR 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 recompletes horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and 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 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. 158026364, 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

Date  
**March 4, 2003**

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 enable the applicant to conduct operations thereon.

Office

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.

(Instructions on reverse)

BUREAU OF OIL, GAS & MINING

**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 CIGE 89D-32-9-22J	34-09S-22E	43-047-31146	2900	FEDERAL	GW	P
NBU 80V	34-09S-22E	43-047-31240	2900	FEDERAL	GW	P
CIGE 117-34-9-22	34-09S-22E	43-047-31928	2900	FEDERAL	GW	P
NBU 187	34-09S-22E	43-047-32230	2900	FEDERAL	GW	P
CIGE 164-34-9-22	34-09S-22E	43-047-32353	2900	FEDERAL	GW	P
NBU 237	34-09S-22E	43-047-32916	2900	FEDERAL	GW	PA
<b>NBU 16</b>	34-09S-22E	43-047-30209	2900	FEDERAL	GW	PA
NBU 4-35B	35-09S-22E	43-047-30273	2900	FEDERAL	GW	P
CIGE 8-35-9-22	35-09S-22E	43-047-30427	2900	FEDERAL	GW	P
NBU CIGE 68D-35-9-22P	35-09S-22E	43-047-30951	2900	FEDERAL	GW	P
CIGE 118-35-9-22	35-09S-22E	43-047-32025	2900	FEDERAL	GW	P
CIGE 153-35-9-22	35-09S-22E	43-047-32067	2900	FEDERAL	GW	P
NBU 331-35E	35-09S-22E	43-047-32147	2900	FEDERAL	GW	P
NBU 342-35E	35-09S-22E	43-047-32212	2900	FEDERAL	GW	P
CIGE 193-35-9-22	35-09S-22E	43-047-32973	2900	FEDERAL	GW	P
CIGE 186-35-9-22	35-09S-22E	43-047-32590	2900	FEDERAL	GW	TA
NBU 216-35	35-09S-22E	43-047-31284	2900	FEDERAL	GW	PA
CIGE 162-36-9-22	36-09S-22E	43-047-32164	2900	STATE	GW	P
NBU 5-36B	36-09S-22E	43-047-30272	2900	STATE	GW	P
NBU CIGE 9-36-9-22	36-09S-22E	43-047-30419	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

Signature

Initials  
 JTC

Date  
 9-2-2003

Title  
 Operations Manager

SEP 10 2003  
 DIV OF OIL GAS & MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title  
 Accepted by the Utah Division of 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.

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 ???  Y  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
PULLING 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, \$	Oil Price	\$/BO
Capital \$ 820/830/840	\$1,200	\$ 23.00	\$/BO
Expense \$ 830/860	\$0	\$ 3.10	\$/MCF
Total \$	\$1,200	\$ -	\$/ 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 BOPD
Gas Production	0 MCFPD	0 MCFPD	0 MCFPD
Wtr Production	0 BWPD	0 BWPD	0 BWPD
Horse Power	0 HP	0 HP	0 HP
Fuel Gas Burned	0 MCFPD	0 MCFPD	0 MCFPD

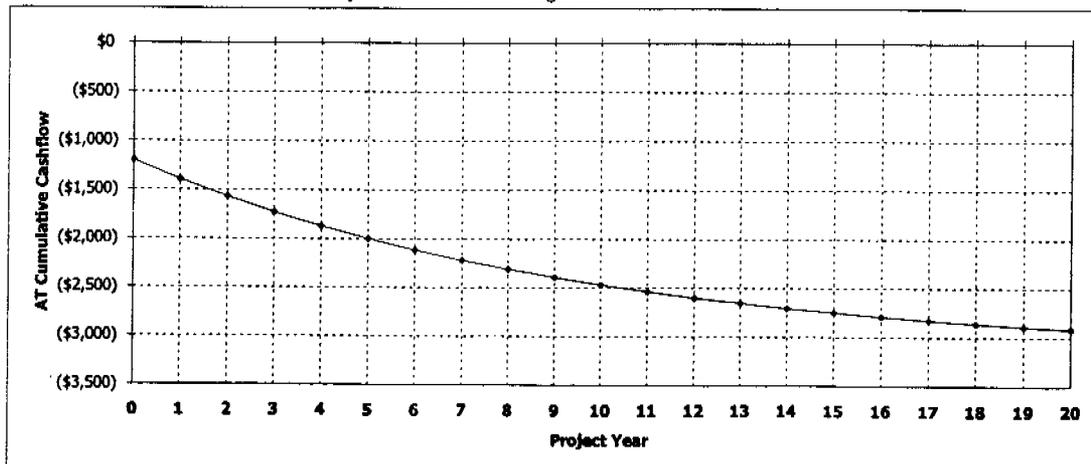
<p><b>Project Life:</b> Life = <input type="text" value="20.0"/> Years (Life no longer than 20 years)</p> <p><b>Internal Rate of Return:</b> After Tax IROR = <input type="text" value="#DIV/0!"/></p> <p><b>AT Cum Cashflow:</b> Operating Cashflow = <input type="text" value="(\$2,917)"/> (Discounted @ 10%)</p>	<p><b>Payout Calculation:</b></p> <p>Payout = <math>\frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}} = 1</math></p> <p>Payout occurs when total AT cashflow equals investment See graph below, note years when cashflow reaches zero</p> <p>Payout = <input type="text" value="NEVER"/> Years or <input type="text" value="#VALUE!"/> Days</p>
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Gross Reserves:  
 Oil Reserves = 6 BO  
 Gas Reserves = 0 MCF  
 Gas Equiv Reserves = 38 MCFE

**Notes/Assumptions:**

An average NBV 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

WELL	LEGALS	STFLEASENO	CANUMBER	APINO
CIGE 258	19-9-21 NWSE	UTU0891	891008900A	430473466700S1 ✓
CIGE 259	6-10-21 SWNE	UTU01791	891008900A	430473436700S1
CIGE 260	6-10-21 NENE	UTU01791	891008900A	430473436800S1
CIGE 261	7-10-21 NWSE	UTU02270A	891008900A	430473436900S1
CIGE 262	7-10-21 SENE	UTU01791	891008900A	430473437000S1
CIGE 263	19-10-22 SESE	ML20714	891008900A	430473422600S1
CIGE 264	19-10-21 SWSW	ML-22792	891008900A	430473422700S1
CIGE 265	15-9-20 SENE	UTU0144868	891008900A	430473478100S1
CIGE 266	33-9-22 NWSW	UTU01191A	891008900A	430473438600S1
CIGE 268	8-10-22 NWSE	UTU01196E	891008900A	430473441200S1
CIGE 271	32-9-22 SWNE	ML22649	891008900A	430473479500S1
CIGE 274	13-9-21 NENW	UTU01193	891008900A	430473477800S1
CIGE 275	21-10-21 NENW	UTU02278	891008900A	430473479900S1
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	430473443600S1 ✓
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	4304734842
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	UTU466	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 ✓

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**

<b>FROM:</b> (Old Operator): N2115-Westport Oil & Gas Co., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	<b>TO:</b> ( 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.	SEC TWN RNG	API NO	Unit:	LEASE TYPE	WELL TYPE	WELL STATUS
				NATURAL BUTTES UNIT			

**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:
- a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- c. 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

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

2. Name of Operator  
**KERR-McGEE OIL & GAS ONSHORE LP**

9. API Well No.

3a. Address **1368 SOUTH 1200 EAST VERNAL, UT 84078**  
3b. Phone No. (include area code) **(435) 781-7024**

10. Field and Pool, or Exploratory Area

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

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

**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 recomplate 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. 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.

**RECEIVED**

**MAY 10 2006**

DIV. OF OIL, GAS & MINING

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

**APPROVED 5/16/06**

*Earlene Russell*  
**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**

*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.

**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**

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			
<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 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)

**BRAD LANEY**

Signature

Title

**ENGINEERING SPECIALIST**

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

*Brad Laney*

Title

Office

Date

**5-9-06**

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.



# 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

U.S. DEPT. OF THE INTERIOR