

FILE NOTATIONS

Entered in NID File

Location Map Placed

and Indexed

✓

.....

✓

Checked by Chief

Checked by Chief

Approval Letter

Approval Letter

Disapproval Letter

Disapproval Letter

COMPLETION DATA:

Well Completed

Date Well Completed: 4-27-78

OW	WW	TA
SW	WW	TA
GW	OS	PA
CW	OS	PA

LOCATION

Location Inspected

Location Inspected

Bond released

Bond released

State or Fee Land

State or Fee Land

LOGS FILED
LOGS FILED

Driller's Log

Electric Logs (No.)

E..... I.....

Dual I Lat.....

GR-N.....

Micro.....

Sonic GR.....

Dual I Lat.....

M-L.....

GR-N.....

Sonic.....

Micro.....

M-L.....

Sonic.....

THE STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

5. LEASE DESIGNATION AND SERIAL NO.

ST. OF UTAH U-015630-St.

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.

27

10. FIELD AND POOL, OR WILDCAT

BITTER CREEK FIELD

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

SECTION 33, T9S, R21E

12. COUNTY OR PARISH 13. STATE

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 749 - DENVER, COLORADO 80201

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

At surface

1436' FWL 1657' FSL, SECTION 33, T9S, R21E

At proposed prod. zone

SAME AS ABOVE

NE SW

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

APPROXIMATELY 9 MILES SOUTHEAST OF OURAY, UTAH

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. line, if any)

457'

16. NO. OF ACRES IN LEASE

285.29

17. NO. OF ACRES ASSIGNED

TO THIS WELL

160.00

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

N/A

19. PROPOSED DEPTH

10,450'

20. ROTARY OR CABLE TOOLS

ROTARY

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

4,985' UNGR. GR.

22. APPROX. DATE WORK WILL START*

DECEMBER 15, 1977

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#	75'	150 SXS
12-1/4"	9-5/8"	36#	2,500'	300+ SXS
7-7/8"	4-1/2"	13.5#	10,450'	TO BE DETERMINED FROM CALIPER LOG

SEE ATTACHED SUPPLEMENTS FOR ADDITIONAL INFORMATION:

1. BOP PROGRAM
2. BOP SCHEMATIC
3. PLAT
4. PROPOSED GAS WELL PRODUCTION HOOKUP

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: 8-1-77

BY: *Clayton B. Smith*

(A) Typical Well Head Installation

(B) Typical Connection to Main Lines and Pipe Anchor Detail

5. PROPOSED PIPELINE MAP.

6. PROPOSED ROAD FOR FLOW LINE AND PIPELINE RIGHT-OF-WAY

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

24.

SIGNED

Robert G. Merrill
ROBERT G. MERRILL

TITLE AREA ENGINEER

DATE July 27, 1977

(This space for Federal or State office use)

PERMIT NO.

43-047-30304

APPROVAL DATE

APPROVED BY

TITLE

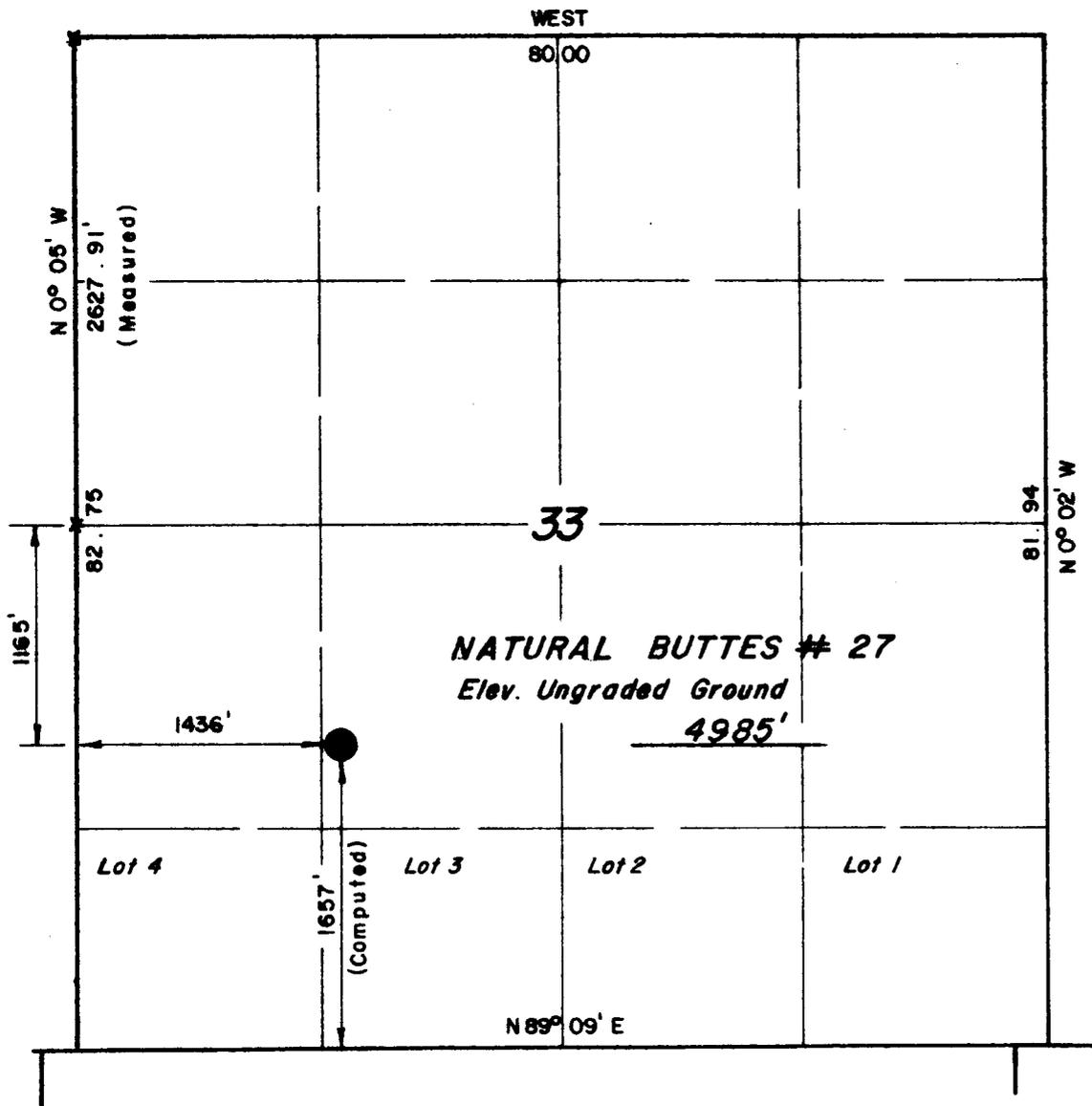
DATE

CONDITIONS OF APPROVAL, IF ANY:

T 9 S, R 21 E, S.L.B. & M.

PROJECT
GAS PRODUCING ENTERPRISES

Well location, *NATURAL BUTTES # 27*,
 located as shown in the NE 1/4 SW 1/4 Section
 33, T 9 S, R 21 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.

Lawrence E. Key
 REGISTERED LAND SURVEYOR
 REGISTRATION NO 3137
 STATE OF UTAH

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

SCALE 1" = 1000'	DATE 3/10/77
PARTY R.K. D.D. V.B. BFW	REFERENCES GLO Plat
WEATHER Cold	FILE Gas Producing Enterprises

X = Section Corners Located

ESTIMATE SKETCH

DATE: 14 JULY 1977

STARTING DATE: _____

EST. COMP. DATE: _____

COMPANY CONTRACT

COLORADO INTERSTATE GAS COMPANY
 NORTHWEST PIPELINE CORPORATION

W. O. NO.: _____

REVISION NO.: _____

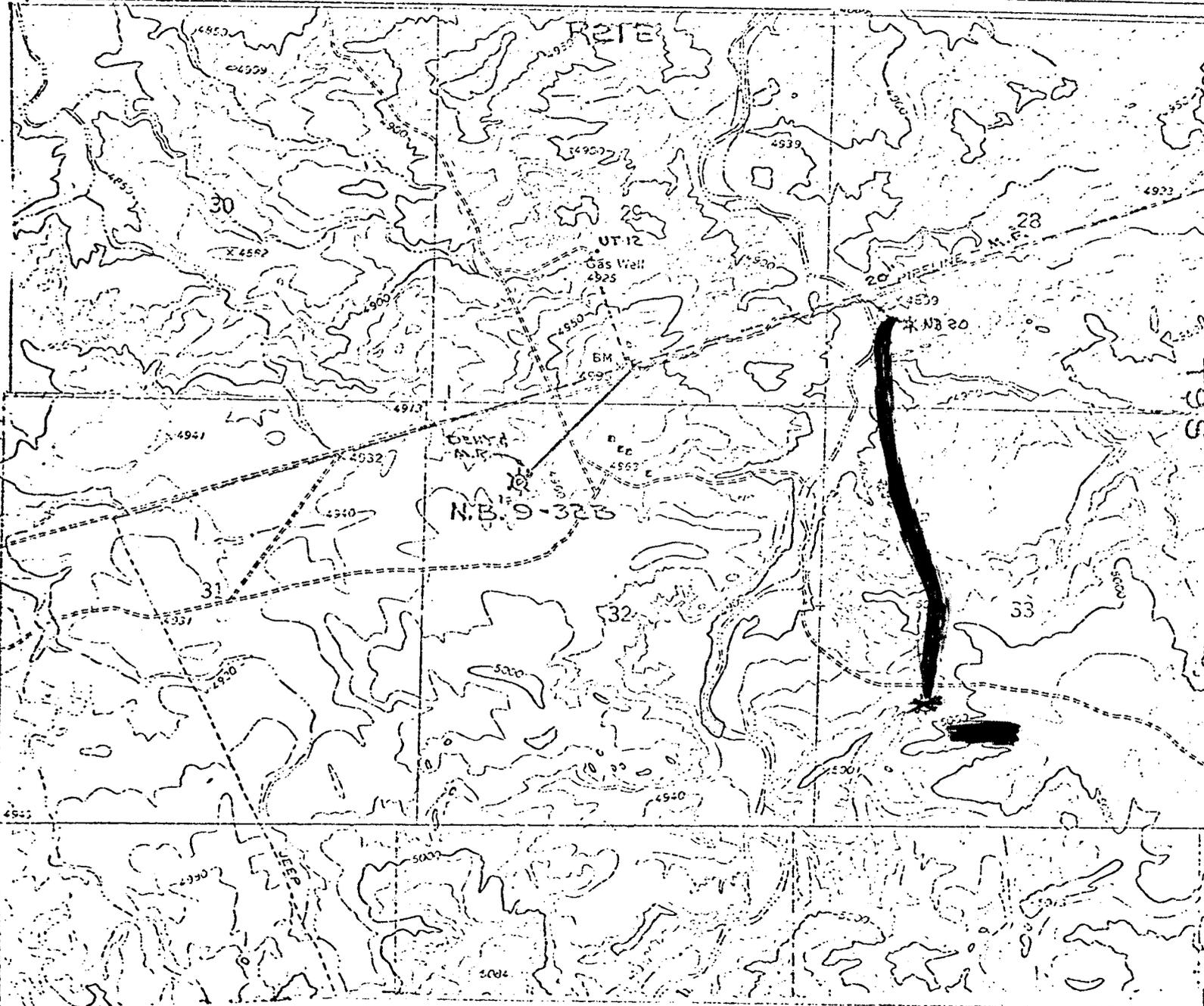
BUDGET NO.: _____

RELATED DWG.: _____

LOCATION: NATURAL BUTTS FIELD, S33 T9S R21E COUNTY: UTAH STATE: UTAH

DESCRIPTION OF WORK: CONNECT NB #27

REQUESTED BY: _____ APPROXIMATE MILEAGE: 1 PROJECT ENGINEER: DDG



PREPARED BY: _____

SCALE (IF ANY): 1" = 2000'

Freehand sketch of location of proposed installation to be constructed or retired showing relative location of existing facilities in area.

BLOWOUT PREVENTER PROGRAM:

NATURAL BUTTES UNIT NO. 27
SECTION 33, T9S, R21E
UINTAH COUNTY, UTAH

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

Bottom:	3000# BOP W/4-1/2" pipe rams 3000# BOP W/blind rams 3000# Hydril
Top:	Grant rotating head

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

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

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

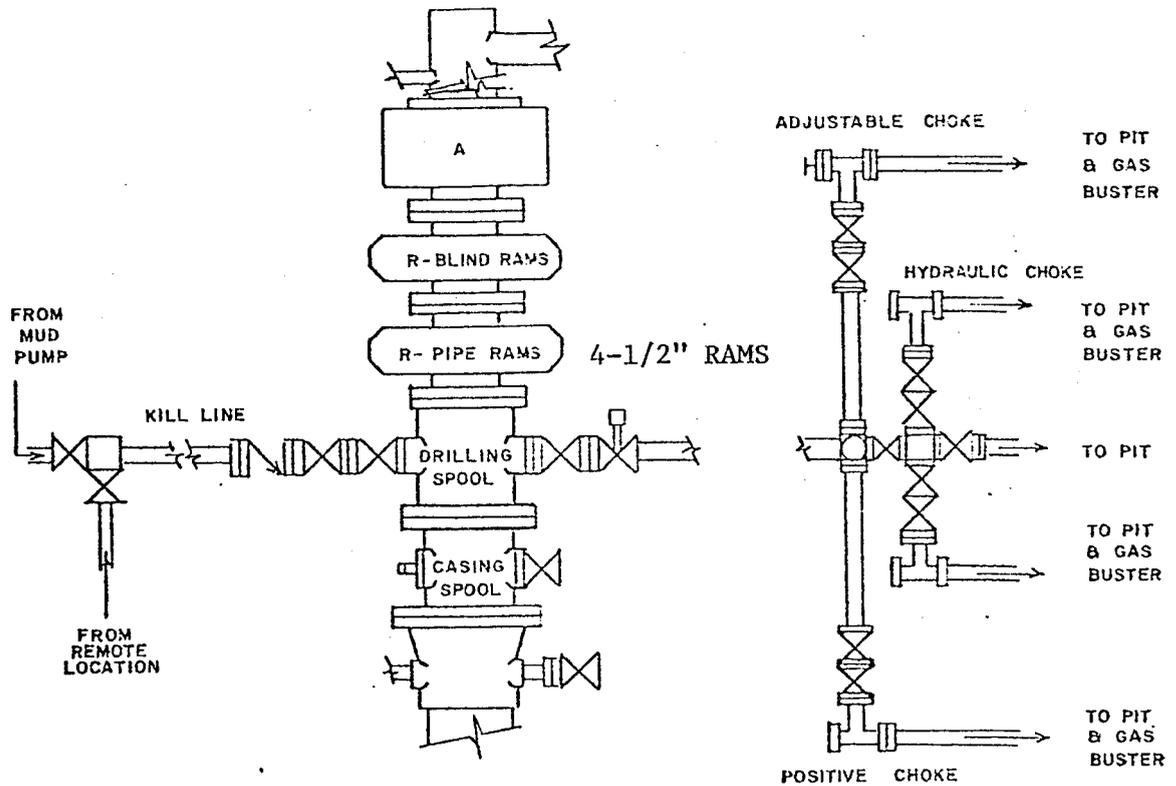
The well will be drilled with fresh water from surface to 4,500' with a weight of 8.3 to 8.7 ppg. From 4,500' to T.D. the well will be drilled with salt water mud with a weight from 8.7 to 10.7 ppg.

Auxiliary equipment to be used:

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

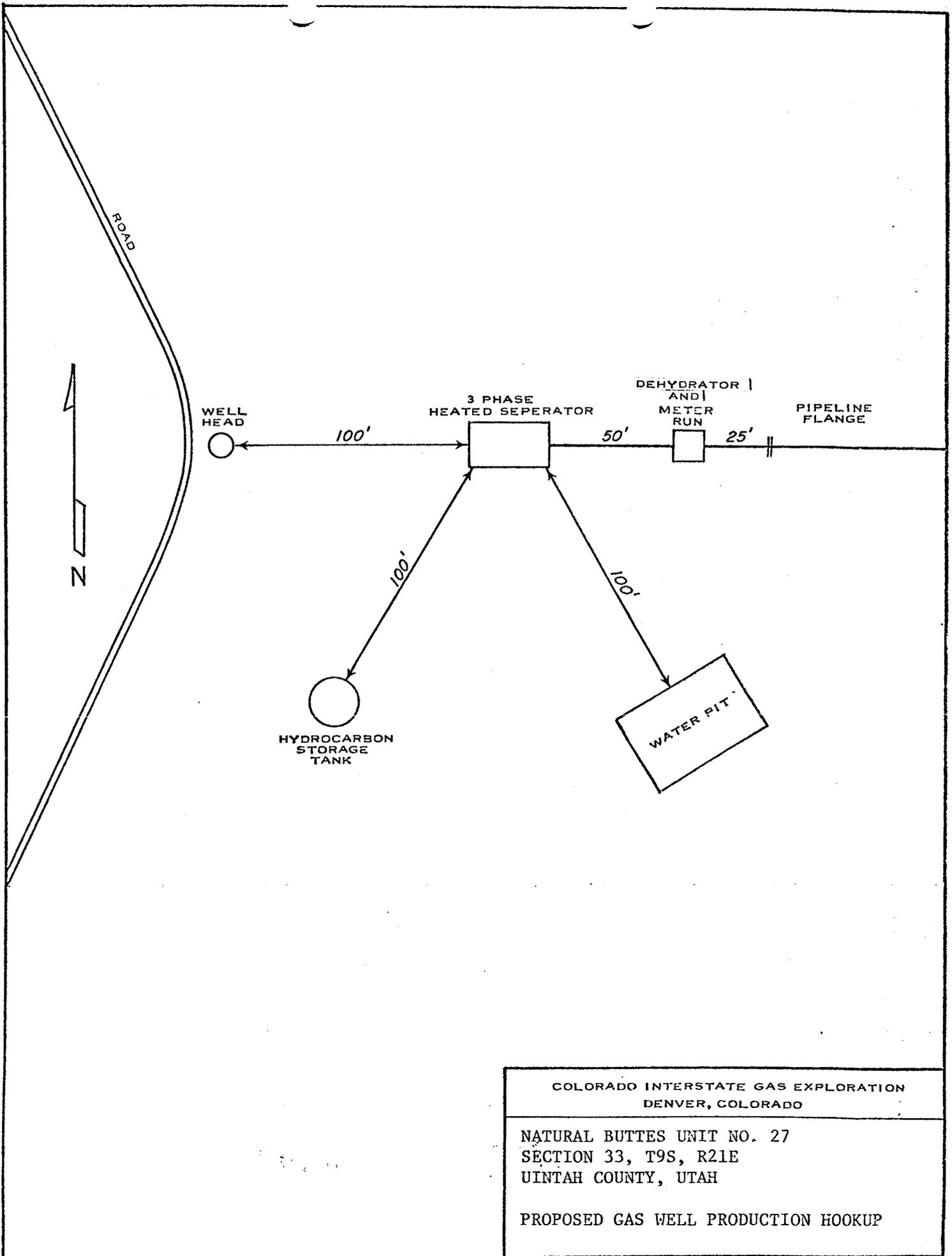
3000 psi

Working Pressure BOP's



Test Procedure

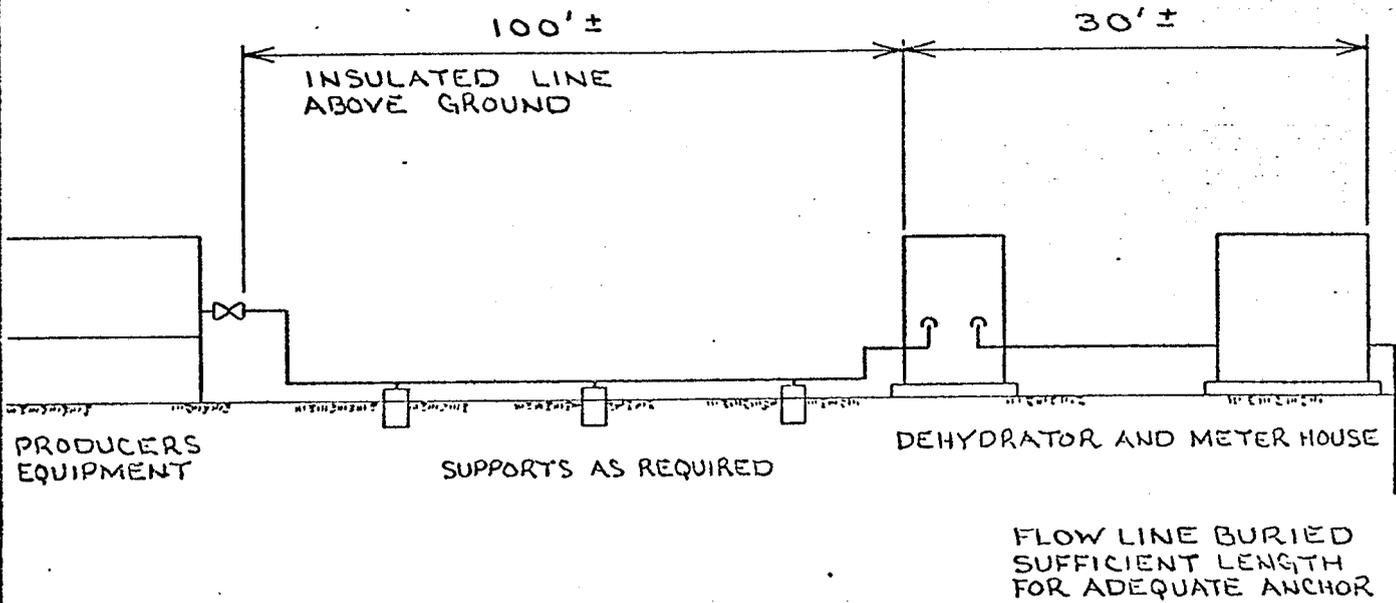
- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure:
 - a) inside blowout preventer
 - b) lower kelly cock
 - c) upper kelly cock
 - d) stand pipe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



COLORADO INTERSTATE GAS EXPLORATION
DENVER, COLORADO

NATURAL BUTTES UNIT NO. 27
SECTION 33, T9S, R21E
UINTAH COUNTY, UTAH

PROPOSED GAS WELL PRODUCTION HOOKUP



NO.	C. O. NO.	DESCRIPTION	DATE	BY	CHK.	APPR.

Colorado Interstate Gas Co.
 COLORADO SPRINGS, COLORADO

TYPICAL WELL HEAD INSTALLATION
 NATURAL BUTTES FIELD

UINTAH COUNTY, UTAH

115FP-2 1/2

SCALE: NONE DRAWN: RWP APP: C.O. 23858
 DATE: 7-18-77 CHECK:

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

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

20' ±

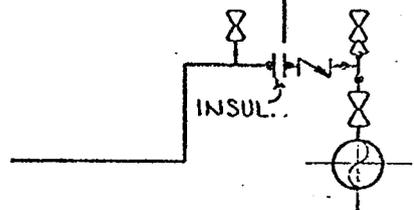
B.O.
C.Y.
S.Y.

EXIST. PIPELINE

ALTERNATE ANCHOR - BURY PIPELINE MIN. OF 18"

(TYP. FOR G.P.E. OR C.I.G.)

C.I.G. OTHER



TYP. FOR CONN. TO M.F.S.

Colorado Interstate Gas Co.
COLORADO SPRINGS, COLORADO

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

JUNTA COUNTY, UTAH

NO.	C. O. NO.	DESCRIPTION	DATE	BY	CHK.	APPR.	SCALE: NONE	DRAWN: RWP	APP: <i>[Signature]</i>	115FP-1 1/8
REVISIONS							DATE: 7-7-77	CHECK: <i>[Signature]</i>	C.O. 23858	

NATURAL BUTTES UNIT NO. 27

PROPOSED ROAD FOR FLOW LINE AND PIPELINE RIGHT-OF-WAY

A flow line will be constructed from Natural Buttes Unit No. 27 approximately 1 mile due north to a pipeline connection near Natural Buttes Unit No. 20 in Section 28, T9S, R21E. The flow line route will be bladed as required to accommodate welding rigs and other construction equipment. CIG will construct the flow line and install dehydration and metering equipment.

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: July 24-
Operator: Gas Producing Co.
Well No: Natural Buttes Unit #27
Location: Sec. 33 T. 9S R. 21E County: Uintal

File Prepared
Card Indexed

API ✓
Entered on N.I.D.
Completion Sheet

CHECKED BY:

Administrative Assistant [Signature]

Remarks:

Petroleum Engineer [Signature]

Remarks:

Director [Signature]

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required

Survey Plat Required

Order No.

Surface Casing Change
to _____

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

O.K. Rule C-3

O.K. In 21E Buttes unit

Other:

Letter Written/Approved

MEMO TO:

ENGINEER _____
ASSISTANT _____

Kathy Wells
MGR

December 2, 1977

Memo To File:

Re: CIG Exploration Inc.
Natural Buttes Unit #5
Sec. 31, T. 9S, R. 22E,

*Gas Producing Enterprises
Natural Buttes Unit # 27
Sec. 33, T. 9S, R. 21E,

Gas Producing Enterprises
Natural Buttes Unit #30
Sec. 16, T. 10S, R. 22E,
All Uintah County, Utah

Gas Producing Enterprises informed this office that they will spud-in the above mentioned wells on December 2, 1977.

PATRICK L. DRISCOLL
CHIEF PETROLEUM ENGINEER

PLD/ko

Only

STATE OF UTAH

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

5. LEASE DESIGNATION AND SERIAL NO.
St. of Utah U-915630-St.
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.)

N/A

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME
Natural Buttes Unit

2. NAME OF OPERATOR
GAS PRODUCING ENTERPRISES, INC.

8. FARM OR LEASE NAME
Natural Buttes Unit

3. ADDRESS OF OPERATOR
P.O. Box 749 - DENVER, COLORADO 80201

9. WELL NO.
Natural Buttes Unit No. 27

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface

10. FIELD AND POOL, OR WILDCAT
Bitter Creek Field

1436' FWL, 1657 FSL, Section 33, T9S, R21E

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 33, T9S, R21E

14. PERMIT NO.
43-047-30304

15. ELEVATIONS (Show whether DF, RT, CR, etc.)
4,985' Ungr. 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:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	SPUD <input checked="" type="checkbox"/>

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	SPUD <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.)*

Natural Buttes Unit No. 27 Spudded December 7, 1977, at 5 p.m.

Karl Oden gave Verbal Notification of spudding to Governmental Agencies within 24 hours of spudding.



APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: 12/16/77

BY: Ph Russell

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

SIGNED Frank R. Midkiff TITLE District Superintendent DATE December 12, 1977

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

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.)

<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR GAS PRODUCING ENTERPRISES, INC.</p> <p>3. ADDRESS OF OPERATOR P.O. Box 749 - DENVER, COLORADO 80201</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1436' FWL, 1657 FSL, Section 33, T9S, R21E</p> <p>14. PERMIT NO. 43-047-30304</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. St. of Utah U-915630-St.</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A</p> <p>7. UNIT AGREEMENT NAME Natural Buttes Unit</p> <p>8. FARM OR LEASE NAME Natural Buttes Unit</p> <p>9. WELL NO. Natural Buttes Unit No. 27</p> <p>10. FIELD AND POOL, OR WILDCAT Bitter Creek Field</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 33, T9S, R21E</p> <p>12. COUNTY OR PARISH Uintah</p> <p>13. STATE Utah</p>
<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) 4,985' Ungr. Gr.</p>	

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 type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) <u>Change Plans</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.)*

Total depth is changed from 10,450' to 11,000'. This change is necessary to obtain new geologic data which was not available from other wells drilled at shallower depths in the Natural Buttes Unit.

The 4-1/2" casing will be set at 11,000'.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: Aug 9, 1978
BY: Ph. Suscall

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

SIGNED Frank R. Midkiff TITLE District Superintendent DATE 1-5-78
FRANK R. MIDKIFF

(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
 (FORM 9-329)
 (2/76)
 OMB 42-RO 356

MONTHLY REPORT
 OF
 OPERATIONS

Lease No. _____ N/A
 Communitization Agreement No. _____ N/A
 Field Name _____ N/A
 Unit Name NATURAL BUTTES
 Participating Area _____ N/A
 County UINTAH State UTAH
 Operator GAS PRODUCING ENTERPRISES, INC.
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of JAN, 19 78

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
27	U-915630-ST (STATE)								MI Completion UNIT SEE ATTACHED
	33 NE SW	9S	21E	DRG	0	0	0	0	

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

NBU #27 U-915630-ST (STATE)	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	0	0	0
*Sold	0	0	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	0	0	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: M. J. Downing Address: P.O. BOX 749, DENVER, CO 80201
 Title: ASSOCIATE PRODUCTION ANALYST Page 1 of 1

Bitter Creek Field
 Uintah County, Utah

AFE: 14815 WI: FO, 5%, ORR-BI
 ATD: 9350' SD: 10-28-77
 GPE, Inc., (Highland), Oper.
 Anderson Drilling, Contr.
 13-3/8" @ 87' KB: 9-5/8" @ 2503';
 4 1/2" @ 9350'

: 9361' WOC

9-78

TD: 9361'
1-10-78 WOC

TD: 9361' WOC
1-11-78 MORT

TD: 9361'
1-12-78 MORT

TD: 9361' RU Slj & ran CBL 1-12-78.
1-13-78 Will have logs in Denver 1-16-78.

TD: 9361'
1-14-78 WOC

TD: 9361' WOC
1-15-78

TD: 9361'
1-16-78 WOC

TD: 9361' WOC
1-17-78

TD: 9361' WOC
1-18-78

TD: 9361' WOC
1-19-78 Transfer to back page.

TD: 9350' MI Completion Unit. Prep to DO cmt.
1-31-78 Prep to DO cmt in 4 1/2" csg.

TD: 9350' MI Completion Unit.
2-1-78 Rig is stuck about 5 or 6 miles from location.

TD: 9350' MI Completion Rig.
2-2-78 RU; PU 3-3/4" bit, 4 1/2" csg scraper; PU 2-3/8" tbg;
 GIH to drill out cmt.

TD: 9350' RU; GIH w/3-3/4" bit, 2-3/8" tbg & 4 1/2" csg scraper
2-3-78 to 4100'; SDFN.

TD: 9350' Finished in hole to 9255' & reversed out - soft cmt to 9315'.
2-4-78 Drilling hard cmt from 9315-30' to plug & drilled to 9335'.
 Bit started torquing - reversed hole clean - POOH w/5 stds
 & SDON. will finish TOOH w/bit - prep to lo.

TD: 9350' Prep to perforate & acidize.
2-5-78 (2-4-78) Finished TOOH; LD bit & scraper; RU OWP; Ran
 GR CCL from 9335'-8500'; TOOH; SDON. (2-5-78) Prep to
 test csg; Perf & acidize.

TD: 9350' Flowing to pit 32/64" ck. Heading slugs of gas & wtr.
2-6-78 RU Dowell - tested wellhead & csg 5000 psi; RU OWP; Perf
 w/3-1/8" csg gun from Schl Saraband dated 12-23-77, w/2 SPF
 - 0.4" D. @ 6067', 6678', 7054', 7157', 7193', 7294', 7564',
 7646', 7796', 7827', 8536', 9003', 9230', 9296'. (total 28
 holes) Acidized w/Dowell w/4000 gal, 15% MSR Acid - drpd 53
 - 7/8" RCN Ball Sealers & displaced acid w/2% KCl wtr. Good
 ball action - w/3800 gal acid in formation - balled out to
 4500 psi. ISIP 2900 psi (est), 5 min 2900 psi, 15 min 2900
 psi, 30 min 2900 psi. Opened well to pit, on 32/64" ck.

NEU # 28

TD: 9361

WOC

BitterCreek Field 12-20-77

LD DP: Released rig @ 10:00 pm, 12-19-77. Currently moving out rotary tools.

Uintah County, Utah

AFE: 14815 WI: FO, 5% ORR-BI

ATD: 9350' SD: 10-28-77

GPE, Inc., (Highland), Oper.

Anderson Drilling, Contr.

13-3/8" @ 87' KB; 9-5/8" @ 2503'

TD: 9361'
12-21-77

RDRT, Prep to move rotary.

TD: 9361'
12-22-77 WOCTD: 9361'
12-23-77 WOCTD: 9361'
12-24-77 WOC.TD: 9361'
12-25-77 WOC.TD: 9361'
12-26-77 WOCTD: 9361'
12-27-77 WOCTD: 9361'
12-28-77 WOCTD: 9361'
12-29-77 WOCTD: 9361'
12-30-77 WOCTD: 9361' WOC
12-31-77TD: 9361' WOC
1-1-78TD: 9361' WOC
1-2-78TD: 9361' WOC
1-3-78TD: 9361' WOC
1-4-78TD: 9361' WOC
1-5-78TD: 9361' WOC
1-6-78TD: 9361' WOC
1-7-78TD: 9361' WOC
1-8-78

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

<p>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.)</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. St. of Utah U-915630-St.</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A</p> <p>7. UNIT AGREEMENT NAME Natural Buttes Unit</p> <p>8. FARM OR LEASE NAME Natural Buttes Unit</p> <p>9. WELL NO. Natural Buttes Unit No. 2</p> <p>10. FIELD AND POOL, OR WILDCAT Bitter Creek Field</p> <p>11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA Section 33, T9S, R21E</p>
<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR GAS PRODUCING ENTERPRISES, INC.</p> <p>3. ADDRESS OF OPERATOR P. O. Box 749 - DENVER, COLORADO 80201</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1436' FWL, 1657 FSL, Section 33, T9S, R21E</p>	<p>14. PERMIT NO. 43-047-30304</p> <p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) 4,985' Ungr. Gr.</p>	<p>12. COUNTY OR PARISH Uintah</p> <p>13. STATE Utah</p>

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 type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" 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.)*

Verbal from Pat Driscoll (State of Utah) and Bill Martens (U.S.G.S.) on the following:

Due to unrecoverable fish in hole, it is necessary to change plans. The TD is 8991'. 9-5/8" casing is cemented at 2497'. There is a 7-7/8" hole to 8991'. The fish (drill pipe and drill collars) is 6970' - 8972'.

Present plans are to log, then set and cement 4-1/2" casing at 6970', giving a PBDT of 6970'.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: March 17, 1978
BY: Pat Driscoll

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

BIGNED F. R. Midkiff TITLE District Superintendent DATE March 10, 1978
F. R. MIDKIFF

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.
St. of Utah U-915630-St.
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
1436' FWL, 1657' FSL, Section 33, T9S, R21E

14. PERMIT NO. 43-047-30304

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
4,985' Ungr. Gr.

7. UNIT AGREEMENT NAME
Natural Buttes Unit

8. FARM OR LEASE NAME
Natural Buttes Unit

9. WELL NO.
Natural Buttes Unit No. 2

10. FIELD AND POOL, OR WILDCAT
Bitter Creek Field

11. SEC., T., R., M., OR DLX. AND SURVEY OR L2NA
Section 33, T9S, R21E

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"/>	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 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) CHANGE PLANS <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.)

TD: 8991' LD DP.
 PBTD: 7023' Logging w/Schlumberger; Logging TD 7026'. Schlumberger TD 7023'; TIH after logs; cond & clean hole for 4-1/2" csg; LD DP: TOF @ 7023' Schlumberger; 41 jts 16.60 E DP, tally 1295'; 21 6-1/4 - 2-1/4 DC, tally 654'; 1 1-7/8" bit, F45.

TD: 8991' RD RT.
 PBTD: 7023' LD DP & DC; RU & run 172 jts 4-1/2", 8rd, 13.5#, LT&C, N-80 csg, w/guide shoe @ 7023'; FC @ 6982'; Used 15 centralizers; Cond & clean hole; Cmtg w/800 sx 50-50 poz mix w/2% gel, 18% salt, 0.5% CFR-2; Good circ throughout job; PD @ 6:45 pm, 3-11-78; Float held OK; Set slips; PU BOP stack & cut off 41-1/2" csg; LD Kelly & BOP.

APPROVED BY THE DIVISION OF
 OIL, GAS, AND MINING
 DATE: March 20, 1978
 BY: [Signature]

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

SIGNED F. R. Midkiff TITLE District Superintendent DATE March 14, 1978

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

I. DANIEL STEWART
Chairman

CLEON B. FEIGHT
Director

CHARLES R. HENDERSON
JOHN L. BELL
THADIS W. BOX
C. RAY JUVELIN

August 16, 1978

Gas Producing Enterprises, Inc.
P. O. Box 749
Denver, Colorado 80201

Re: SEE ATTACHED LIST

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the months indicated above on the subject wells. (See attachment)

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1b, (U. S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

KATHY AVILA
RECORDS CLERK

ATTACHMENT TO MONTHLY REPORT REQUEST
Well No.'s for reports needed

Natural Buttes Unit #22
Sec. 18, T. 10S, R. 22E,
Uintah County, Utah
February 1978-June 1978

Natural Buttes Unit #27
Sec. 33, T. 9S, R. 21E,
Uintah County, Utah
February 1978-June 1978

Natural Buttes Unit #28
Sec. 13, T. 10S, R. 21E,
Uintah County, Utah
February 1978-June 1978

Natural Buttes Unit #30
Sec. 16, T. 10S, R. 22E,
Uintah County, Utah
February 1978-June 1978

SUBMIT IN DUPLICATE*

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

(See other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.
STATE OF UTAH U-915630-ST

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

7. UNIT AGREEMENT NAME
NATURAL BUTTES UNIT

8. FARM OR LEASE NAME
NATURAL BUTTES UNIT

9. WELL NO.
NATURAL BUTTES UNIT NO. 27

10. FIELD AND POOL, OR WILDCAT
BITTER CREEK FIELD

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SECTION 33-T9S-R21E

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 _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
GAS PRODUCING ENTERPRISES, INC.

3. ADDRESS OF OPERATOR
P. O. BOX 749, DENVER, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface
1436' FWL & 1657' FSL SECTION 33-T9S-R21E
At top prod. interval reported below

SAME AS ABOVE

SAME AS ABOVE

14. PERMIT NO. 43-047-30304 | DATE ISSUED 8-1-77

15. DATE SPUNDED 12-7-77 | 16. DATE T.D. REACHED 2-12-78 | 17. DATE COMPL. (Ready to prod.) 4-27-78 | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4985' UNGR GR. | 19. ELEV. CASINGHEAD UNKNOWN.

20. TOTAL DEPTH, MD & TVD 8991' | 21. PLUG, BACK T.D., MD & TVD 6920' | 22. IF MULTIPLE COMPL., HOW MANY* --- | 23. INTERVALS DRILLED BY --- | ROTARY TOOLS 90-8991' | CABLE TOOLS 0-90'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5329' - 6848' GROSS, WASATCH | 25. WAS DIRECTIONAL SURVEY MADE YES

26. TYPE ELECTRIC AND OTHER LOGS RUN SEE ATTACHED SHEET | 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
13-3/8"	54#	90'	16"	100 SX	
9-5/8"	36#	2497'	12-1/4"	610 SX	
4-1/2"	13.5#	7023'	7-7/8"	2080 SX	

29. LINER RECORD | 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
-----	-----	-----	-----	-----	2-3/8"	6012'	-----

31. PERFORATION RECORD (Interval, size and number)
5329'-5330', 5688'-5689', 5742'-5743', 5778'-5779', 5829'-5830', 6742'-6743', 6847'-6848': 7 zones w/3 shots per zone w/3-1/8" csg gun

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5329' - 6848'	Fraced w/141,000 gals gel, 21,000# 40/60 mesh snd, 214,000# 20/40 mesh snd, 48,000# 10/20 mesh snd

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
5-16-78	Flowing	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-6-78	24	9/64"	→	---	775	---	---
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
900	1350	→	---	775	---	---	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SOLD | TEST WITNESSED BY ---

35. LIST OF ATTACHMENTS
ITEM 26

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED F.R. Midkiff TITLE District Superintendent DATE August 10, 1978

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
			No cores or DST's	Wasatch	4992'	4792'
				Mesaverde	7357'	7357'

NATURAL BUTTES UNIT NO. 27
GAS PRODUCING ENTERPRISES, INC.
SECTION 33-T9S-R21E
UINTAH COUNTY, UTAH
COMPLETION REPORT SUPPLEMENT

ITEM 26. TYPE ELECTRIC AND OTHER LOGS RUN

WELEX

Radioactivity Log

Micro-seimogram Log - Cased Hole

SCHLUMBERGER

Compensated Neutron-Formation Density

Borehole Compensated Sonic Log

Dual Laterolog

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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.)

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR GAS PRODUCING ENTERPRISES, INC.</p> <p>3. ADDRESS OF OPERATOR P.O. Box 749 - DENVER, COLORADO 80201</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1436' FWL, 1657 FSL, Section 33, T9S, R21E</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. St. of Utah U-915630-St.</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A</p> <p>7. UNIT AGREEMENT NAME Natural Buttes Unit</p> <p>8. FARM OR LEASE NAME Natural Buttes Unit</p> <p>9. WELL NO. Natural Buttes Unit No. 27</p> <p>10. FIELD AND POOL, OR WILDCAT Bitter Creek Field</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 33, T9S, R21E</p>
<p>14. PERMIT NO. 43-047-30304</p>	<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) 4,985' Ungr. Gr.</p>	<p>12. COUNTY OR PARISH Uintah</p> <p>18. STATE Utah</p>

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 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"/>	SEE BELOW <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.)*

REPORT OF OPERATIONS - JANUARY THROUGH JUNE 1978

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

SIGNED F. R. Midkiff TITLE District Superintendent DATE September 21, 1978

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NBU #27 (GPE)
 Bitter Creek Field
 Uintah County, Utah
 AFE: 14814 WI: FO, 5%, ORR-BI
 ATD: 10,200' SD: 12-7-77
 GPE, Inc., (Highland), Oper.

TD: 8991'

13,3/8" @ 90' KB; 9-5/8" @ PBTD: 7023'
 2497'; 5 1/2" @ 7023' 6-27-78
 Gross Perf Int: 5329'-6748'

Flowing to pit.

Kill well w/100 bbls brine wtr (10 ppg). PU 2-3/8" tbg & washed snd from 6740' to 6850' w/N₂ & Howco suds. LD 25 jts of tbg; Landed tbg @ 6012' (193 jts, 4.7#, J-55) w/notched collar on btm & Otis "X" nipple @ 5970'. ND BOP. NU tree. Unloading tbg to pit w/N₂. Well flowing to pit on 14/64" ck. FTP 1000 psi, SICP 1500 psi.

6-28-78 Well SI - prep to return to sales.
 SITP 1200 psi, SICP 1400 psi.
 Drop from report.

NBU #27 (GPE)
 Bitter Creek Field
 Uintah County, Utah.
 AFE: 14814 WI: FO, 5%, ORR-BI
 ATD: 10,200' SD: 12-7-77
 GPE, Inc. (Highland), Oper.

TD: 8991'

PBTD: 7023'

5-10-78 FCP 950#, on 18/64" ck.
 100 BW, 300 MCFD.

13-3/8" @ 90'KB; 9-5/8" @
 2497'; 4 1/2" @ 7023'

5-11-78 FCP 500, on 18/64" ck.
 200 BWPD, 250 MCFD; SLM found top of frac sand @ 5667'
 Only one zone open, 6 zones covered up.

5-12-78 Flowing to pit on 18/64" ck.
 FCP 750 psi. Est 200 BWPD + 350 MCFD. Sun Oil Field
 Service checked PBTD w/SLM @ 6744'. All zones open
 except btm zone. Previous SLM @ 5667' was probably
 not frac sand plug.

5-13-78 Flow to pit.
 FCP 850 psi on 18/64" ck.
 Flowing est 150 BWPD, 350 MCFD.

5-14-78 Flowing to pit.
 FCP 750 psi on 18/64" ck.
 Est 150 BWPD, 500 MCFD.

5-15-78 Flowing to pit.
 FCP 750 psi, on 18/64" ck.
 Est 400 MCFD, 150 BWPD.

5-16-78 NO REPORT

5-17-78 NO REPORT

5-18-78 Flowing to sales.
 Put into sales @ 12 Noon, 5-16-78.
 FCP 1700, on 13/64" ck. 424 MCFD.
 Increased ck to 18/64". Prep to run
 GR-Tracer log for frac evaluation.

5-19-78 Flowing to sales.
 18/64" ck, FCP 1200#. 787 MCFD w/5 BW.
 Prep to run Welex GR-Tracer for frac evaluation.

5-20-78 Flowing to sales.
 RU Welex & ran GR-Tracer survey from 6686' to 5300'
 for frac evaluation. Perfs @ 5329-30', 5688-89',
 5743-44', 5778-79', 5829-30' indicate high RA count.
 Perfs @ 5742-43', 6847-48' covered w/frac sand.
 Drop from report.

TD: 8991' Last report was 5-20-78.
 PBTD: 7023' MI & RU WO unit.
6-24-78 Kill well w/150 bbls 10# brine; ND tree, NU BOP's;
 SDFN, prep to run tbg.

6-25-78 SD for weekend
 Ran tbg to 8600'

6-26-78 Prep to reverse out frac sand @ 6740'.

NBU #27 (GPE)(WORKOVER) TD: 8991' Last report was 4-4-78.
 Bitter Creek Field PBTD: 7023' RU OWP - Prep to perf.
 Uintah County, Utah 4-24-78 RU Howco & press tested 4½" csg to 8000 psi.
 AFE: 14814 WI: FO, 5%, ORR-BI
 ATD: 10,200' SD: 12-7-77
 GPE, Inc. (Highland), Oper. 4-25-78 RU OWP & perf 7 zones w/3 shots per zone w/3-1/8" csg
 Anderson Drilling, Contr. gun; Zones as follows: 5329-30', 5688-89', 5742-43',
 13-3/8" @ 90' KB; 9-5/8" @ 5778-79', 5829-30', 6742-43', 6847-48'; RU Howco, bkdn
 2497'; 4½" @ 7023' form w/2% KCl & 75 RCN ball sealers. Balled out to
 5000 psi. AIR 10 BPM, ISIP 2650#.

4-26-78 Well SI after frac - prep to flow to pit.
 RU Howco. Started frac @ 9 AM. Finished @ 10:20 AM.
 Fraced w/141,000 gals MYT-Gel III 2% KCl wtr & 21,000#
 40/60 mesh snd; 214,000#, 20/40 mesh snd & 48,000#,
 10/20 mesh snd. Displaced w/125 bbls 2% KCl wtr. Avg.
 treating rate 50 BPM @ 5000 psi. ISIP 2200 psi, 15 min
 1700 psi.

4-27-78 Flow to pit.
 FCP 700#, on 10/64" ck. Solid 2" stream of
 frac wtr to pit. No gas.

4-28-78 Flow to pit.
 FCP 200#, on 10/64" ck.
 Est 200 bbls frac wtr/day. Gas TSTM.

4-29-78 Flow to pit.
 FTP 150#, on 12/64" ck.
 250 BW, No gas.

4-30-78 NO REPORT

5-1-78 NO REPORT

5-2-78 Flow to pit.
 FCP 650#, on 12/64" ck; 75 MCFD,
 300 BWP.

5-3-78 Flowing to pit.
 FCP 700 psi, on 12/64" ck.
 Est 200 BWP & 150 MCFD.

5-4-78 Flow to pit on 12/64" ck.
 FCP 900#. Est 150 BWP, 200 MCFD plus.

5-5-78 Flowing to pit.
 On 12/64" ck. Est 200 MCFD w/125 BWP.

5-6-78 Flow to pit on 12/64" ck.
 FCP 950#. Est 250 MCFD, 200 bbls
 frac fluid/day.

5-7-78 Flow to pit on 12/64" ck.
 FCP 950#. Est 250 MCFD, 200 bbls
 frac fluid/day.

5-8-78 Flow to pit on 12/64" ck.
 FCP 950#, Est 250 MCFD, 200 bbls,
 frac fluid/day.

5-9-78 Flow to pit.
 FCP 1050#, on 12/64" ck.
 250 MCF, 150 BWP. Change
 from 12/64" ck to 16/64" ck.

NBU #27 (GPE)

Bitter Creek Field
Uintah County, Utah

AFE: 14814 WI: FO, 5%, ORR-BI

ATD: 10,800' SD: 12-7-77 TD: 8991'

GPE, Inc. (Highland), Oper. 3-9-78

Anderson Drilling, Contr.

13-3/8" @ 90' KB; 9-5/8" @
2497';

Jar on fish @ 6970'.

TIH to TOF @ 6970'; Circ @ TOF; Screw into same; Jar
circ; Install new brake blocks & circ; Jar (250,000#
trips).

MW 11.5#, 43 secs, 4.4 cc.

TD: 8991'

3-10-78 GIH to log w/Schl.TOF @ 7035'; Jar on fish @ 6970'. Ran Dialog Free Pt
& string shot - backed off @ 7035'; POOH & LD 2 jts of
4 1/2" DP (fish); TIH w/7-7/8" bit; Ream 60' to 7035';
Circ & cond @ 7035'; Short trip - 5 stds; Circ & cond
hole for log. Strap out of hole. NOTE: Had to jar 45 min
after back off @ 7035'. Fish left in hole. 1st fish is
comprised of 1068' 4 1/2" DP, 654' 6-1/4" DC (21 DC's) & one
7-7/8" bit, @ 7250-8972'. 2nd fish is comprised of 211'
4 1/2" DP @ 7035-7246'. MW 11.7#, 45 secs, 4 cc.

TD: 8991'

PBSD: 7023'

3-11-78

LD DP.

Logging w/Schl; Logging TD 7026', Schl TD: 7023';
TIH after logs; Cond & clean hole for 4 1/2" csg; LD
DP; TOF @ 7023' Schl; 41 jts 16.60 E DP, tally 1295';
21 6-1/4 - 2-1/4 DC, tally 654'; 1 7-7/8" bit, F45.

MW 11.6#, 49 secs, 7.2 cc.

TD: 8991' RD RT.

PBSD: 7023'

3-12-78LD DP & DC; RU & run 172 jts 4 1/2", 8rd, 13.5#, LT&C,
N-80 csg, w/guide shoe @ 7023'; FC @ 6982'; Used 15
Centralizers; Cond & clean hole; Cmtg w/800 sx 50-50
pozmix w/2% gel, 18% salt, 0.5% CFR-2; Good circ thru
out job; PD @ 6:45 PM, 3-11-78; Float held OK; Set
slips; PU BOP stack & cut off 4 1/2" csg; LD Kelly & BOP.
Released rig @ 12:00 Noon, 3-12-78.3-13-78 RD RT - WOC3-14-78 RD RT - WOC3-15-78 TD RT - Prep to MO.3-16-78 RD RT & inspecting DP.3-17-78 WOC3-18-78 MORT3-19-78 MORT3-20-78 WOC3-21-78 WOC3-22-78 WOC - Transfer to back page.4-4-78 WOC.RU Wellex; Ran GR-CBL Log from 6920' PBSD to surface.
TOC @ 2290' w/good bond from 6920' to 4200'.
WOC. Transfer to back page.

NBU # 27

3-6-78

13 7/8" @ 90'

9 5/8" @ 2497'

7 7/8" Hole

(?? Top of fill 6957.36')

XXXXXXXXXX

TOF#2
6970'

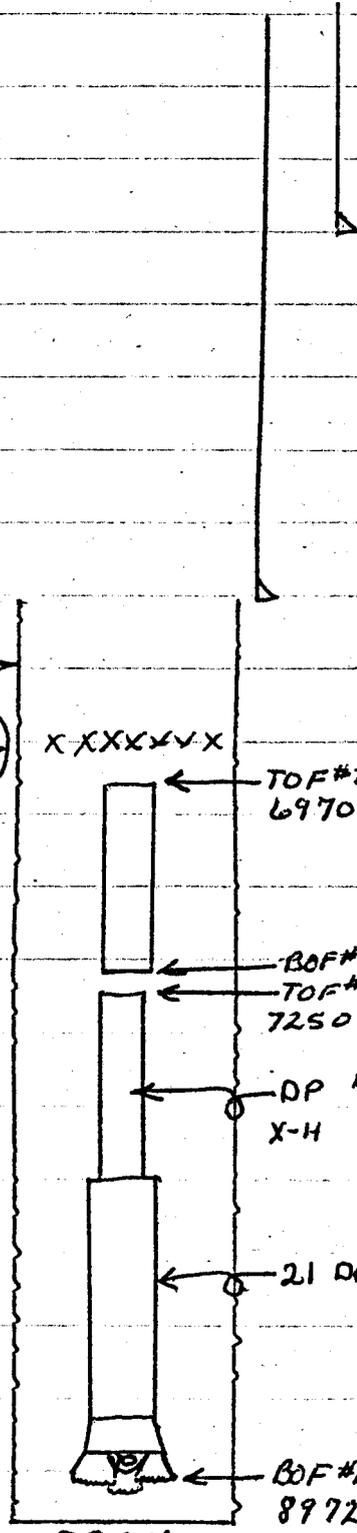
BOF#27
TOF#1
7250'

DP 4 1/2
X-H

21 DC

BOF#1
8972'

8991'



NBU #27 (GPE)

Bitter Creek Field

Unitah County, Utah

AFE: 14814 WI: FO, 5%, ORR-BI

ATD: 10,800' SD: 12-7-77

GPE, Inc. (Highland), Oper.

Anderson Drilling, Contr.

13-3/8" @ 90'KB; 9-5/8" @

2497';

TD: 8991' TOO H w/perf gun - prep to brk circ from DP perf @ 6346-50'.

3-5-78

Remove rotary head to TIH w/bit; TOO H w/bit for clean out on top of fish @ 5512'; TIH w/fishing tools & screw into fish 5512'; TIH w/Dialog sinker bars to 7238' bridge. TOO H w/sinker bar & TIH w/free pt; DP free @ 7093'; Jar on fish & TOO H w/free pt tools; TIH w/string shot #1; Att back off @ 7093'; No indicated back off; Jar on fish & TOO H for string shot #2; TIH w/string shot #2 & fired shot @ 7093' - some indication of back off w/loss of torque; Jar on fish; TIH w/free pt & string shot; DP stuck @ 7093'; NOTE: No indicated separation @ 7093';

DP free @ 6970'; Fired string shot #3 @ 6970' & backed off @ 6970' Jar on fish & moved up hole 15' w/btm of fish @ 6955'; Holding 1000 psi DP press while jaring; TIH w/free pt tool to 6975'; 15' of separation indicated on DP fish; Free Pt Tool failed; TOO H w/free pt tool - Tool full of black shale; TIH w/free pt tool - DP free from 6346' to 6350'. TOO H w/free pt; RU 1-11/16" perf gun & perf 4 holes in DP @ 6346-50'; DP on vacuum after perf.

MW 11.9# , 49 secs, 24.4 cc.

TD: 8991' Circ & cond mud - prep to TOO H for fishing tools.

3-6-78

TIH w/free pt tool; Ran free pt; Found pipe free @ 6346-50'; TOO H w/free pt; TIH w/1-11/16" perf gun; Perf 4 shots in DP @ 6346-50'; TOO H w/tools; PU Kelly; Att to circ; Pumped 200 BM - no returns; Pipe started COOH; Jar on pipe; Move up hole; LD 4 jts; Circ btms up; FOOH; LD top jt of fish & perf jt; Wrk & test BOP; TIH to 5857' w/bit; Circ btms up, 20' flare on btms up; TIH to 6222'; Circ for 15 min; FIH to 6421'; Broke circ: FIH to 6798'; Circ; Hit top of fill @ 6798'; Wash & ream to top of fish @ 6957.36'; Circ & cond. MW 11.8#+, 51 secs, 8cc

TD: 8991' Circ & cond hole 6665'

3-7-78

Circ & cond hole @ 6970'; POOH w/bit; TIH & screw into fish; RU Dialog RIH to 7180' w/sinker bars; Run free pt. 50% @ 7066'; PU & perf @ 7050-54' 4 shots; Att to circ - no circ; Jar on fish; Perf 7020-24', 4 shots; Att to circ - no circ; RU free pt. back off @ 6970'; Att to circ - no circ; POOH 3 stds to 6665'; Broke circ; Hole tite, lots of shale over shaker.

MW 11.3#, 42 secs, 3.6 cc.

TD: 8991' Prep to PU fishing tools.

3-8-78

Circ & Cond hole @ 6665'; TOO H w/fishing tools; Left x-sub (0.8' length) in top of fish @ 6970'; PU 7-7/8" bit & sub; TIH to 2500'; Cut drilling line; Finished TIH & checked all tool jts; Wash & ream 90' to top of fish @ 6970'; Tite spots; Cond mud & wrk pipe; Short trip -15 stds; Circ & cond hole @ top of fish 6970'; TOO H w/bit.

NBU #27 (GPE)

Bitter Creek Field

Unitah County, Utah

AFE: 14814 WI: FO, 5%, ORR-BI

ATD: 10,800' SD: 12-7-77

GPE, Inc. (Highland), Oper.

Anderson Drilling, Contr.

13-3/8" @ 90'KB; 9-5/8" @

2497';

TD: 8991' TIH open ended.

3-1-78

Jarring on fish w/OS; RU Dialog, made sinker bar run & spud on bridge @ 4360'; No movement; POOH & PU 50 grain shaped junk shot; Set on bridge & shot charge; POOH; PU sinker bar & CO to 7050'; POOH; PU Free Point & string shot & backed off @ 4385' (1-DC below overshot.); POOH w/2 stds w/well flowing thru DP; SD to put goose neck back on swivel; Circ btms up; TOOH w/fish; LD overshot & fish; TIH open ended.

MW 11.4#, 42 secs, 14.4 cc.

TD: 8991' POOH after Blind back off w/126,000# wt.

3-2-78

TIH & install rotating head; Pump repair; Circ on top of fish @ 4384'; Screw into fish w/DC; Jaring on fish w/800 psi DP press; Good action on Bowen Oil jars & some action on Dailey jars; RU Dialog & ran sinker bar run to 7200'; TIH for Free Point; 10% movement @ 4422', 60% movement @ 4387'; WO Acme fishing tools; TIH w/2-1/8" Cone Shot (2 shots); Couldn't go below 4482'; POOH; TIH w/4 - 1-11/16" Cone shots & perf DP 4580-84' w/4 holes; POOH & RD Dialog; PU Kelly & Circ hole w/500 to 600 psi press 20 min - gas to surface w/40' flare; Jar on fish & circ hole; Made Blind back off w/string wt @ 126,000#.

MW 11.6#, 46 secs, 6.4 cc.

TD: 8991' POOH w/fish - prep to make bit run.

3-3-78 TOOH w/bumper sub & oil jars; Backed off @ 4385'; No fish rec; LD bumper sub & oil jars; Changed Rot. head rubber; Cut drilling line; PU Dailey jars w/ 1 DC on btm & 8 DC above & TIH w/same; PU Kelly & screw into fish @ 4385'; Circ & jar on fish (Circ thru perf @ 4580-84'); RU Dialog - ran Free Point; DP free @ 5517'; POOH & PU string shot - shot @ 5512'; Misfire on string shot; Pipe backed off manually @ 4077'; PU Kelly & screwed into fish & re-run string shot; Fired & backed off @ 5512'; PU 20,000# over string wt - POOH w/140,000#. POOH w/fish; First 60' out of hole - tight.

MW 11.4#, 40 secs, 5.6 cc.

TD: 8991' TOOH w/bit - prep to PU fishing tools.

3-4-78

Finished TOOH; LD fish; Rec 10 stds of 4 1/2" DP, 5 DC, Dailey jars - total 1120'; Top of fish @ 5512'; Finished LD fish; TIH w/7-7/8" bit; Strapped in hole & checked tool jts; Circ & cond mud @ 4003' & wrk on pump; Washed 2 stds to 4191'; Circ & cond hole; Washed 2 stds & circ; TIH to top of fish @ 5512'; Circ gas out of hole - 20' flare to 2' flare; Spot pill & POOH.

MW 11.5#, 50 secs, 5.5 cc.

NBU #27 (GPE)

Bitter Creek Field

Unitah County, Utah

AFE: 14814 WI: FO, 5%, ORR-BI

ATD: 10,800' SD: 12-7-77

GPE, Inc. (Highland), Oper.

Anderson Drilling, Contr.

13-3/8" @ 90'KB; 9-5/8" @

2497';

TD: 8991' Testing BOP stack.

2-24-78 Tested 9-5/8" csg; Sq. to 900 psi - 15 min - OK;
 Pulled BOP & install re-conditioned BOP & repaired Hydril;
 Test Stack & Kelly Cock; Stack wouldn't test. WO new plug
 & pkr to test BOP stack.

MW 11.4#, 40 secs, 28.7 cc.

TD: 8991' WO small DC's.

2-25-78 Test stack to 3000# Hydril to 1500# - held OK;
 Repair drum clutch; Wash & drill 55' soft cmt;
 Drilled hard cmt to 125'; Circ cmt out; Test hole
 in csg to 425# - held OK 15 min; Circ & POOH;
 Change top Kelly Cock; TIH to Howco BP @ 2068';
 Had sand bridge @ 1973'; Circ out snd; Circ &
 cond mud; TOOH, LD 6 1/2" DC's; WO small DC's.

MW 11.7#, 48 secs.

TD: 8991' Circ @ top of fish @ 4354'.

2-26-78 WO 6-1/4" DC's; Unloaded caliper & PU 15 - 6-1/4"
 DC's; PU retrieving tool; TIH to PU BP; Circ btms
 up - check for gas; TOOH w/BP - LD tools; PU bit
 TIH to 2870' - well started to blow gas & mud out
 DP; Circ out gas & cond mud; TIH; Wash & ream to
 top of fish; Work on motors; Align stack.

MW 11.4#, 42 secs, 14.4 cc.

TD: 8991' Repair drum on draw works.

2-27-78 Circ & clean hole to top of fish @ 4354'; POOH w/fishing
 tools; PU 6-3/8" X 6-1/4" bumper sub & hydraulic jars;
 TIH; Circ & fish for top of DC - didn't catch; Wrk on
 mud pump; Circ out gas. 6 - 8' flare for 20 min; TOOH;
 Work on mud pump; TOOH & change grapple & overshot to
 6-1/8"; TIH; Work on mud pump; Circ @ top of fish;
 Didn't get over fish; TOOH; Work on mud pump; TOOH;
 PU washover shoe 6-3/4" X 7-3/8" X 3.2' long; Fish for
 wiper plug in BOP; Stripper rubber in blind rams; TIH w/
 shoe, currently @ 2400'. Repairing Hi-drum clutch.
 MW 11.5#, 43 secs, 16.8 cc.

TD: 8991' Drawing on fish -- WO Dialog to run Free Point.

2-28-78 TIH w/washover shoe; WO mud; WO mud pumps & mud
 guns; Finished RIH w/washover shoe & attempt to get
 over fish - couldn't get over fish; Circ; TOOH &
 LD washover shoe; TIH w/bit & wash to top of fish
 @ 4354'; Circ; TOOH w/bit; PU overshot 7-5/8" w/
 6-3/8" grapple & TIH; Circ & latch on fish; Drawing
 on fish. NOTE: Pulled up to 300,000# (fishing string
 wt. 125,000#). Some action on Daily jars indicating
 top 4 DC & jars free. No movement below daily jars.
 MW 11.5, 39 secs, 9.6 cc.

NBU #27 (GPE)
 Bitter Creek Field
 Uintah County, Utah
 AFE: 14814 WI: FO, 5%, ORR-BI
 ATD: 10,800' SD: 12-7-77
 GPE, Inc. (Highland), Oper.
 Anderson Drilling, Contr.
 13-3/8" @ 90'KB; 9-5/8" @
 2497';

TD:8991'
2-21-78

Circ & cond mud.

TOOH w/string shot, attempted to back off @ 7250' -
 couldn't move pipe; Attempted to kill well; Pumped
 150 bbls 12.0# mud down 9-5/8" annulus - + 250 bbls
 12.0# mud down 13-3/8" x 9-5/8" annulus; RU Dialog &
 rerun string shot; While TIH w/string shot pipe moved
 up hole 4'. RIH w/collar locator & found backed off @
 7250'; TOOH w/string shot & collar locator; Work pipe
 & install Swaco ck; Run Free Pt & backed off @ 4354'
 left 6 collars & jars in hole; Mix mud & LCM; Attempt
 to kill wtr flow; Pump in well,
 had on ck w/20' flare & fresh wtr to surface; 12# mud going in
 & 10.0# mud coming back @ 6:00 AM, w/15' flare; @ 7:00 AM. 11.
 mud going in & 11.3# mud coming out; Fish #1: 8972'-7250';
 Fish #2: 7246'-4354'; 21 DC, 120 jts & pipe, 2 DC + xo sub,
 Daily jars xo sub, 4 DC w/4' split between the fish .

MW 11.5#, 46 secs, 21.6 cc.

TD: 8991'
2-22-78

WO cmt & repair BOP stack

Circ & clean hole w/DP @ 4354'; TOOH; TIH w/howco
 Ret. BP & set @ 2068'; Circ btms up & check for
 gas - no gas; RU Howco & pump 6 sx sand on top of BP;
 POOH; PU RTTS Tool; TIH to 971' & set RTTS; Press DP
 to 800# - Plug held OK. 9-5/8" csg OK from 971' to
 2068'; Check 9-5/8" csg for leak - found hole between
 101' & 127'; Pumped 2 BPM @ 250 psi; 6 bbls total mud
 pumped; POOH w/RTTS Tool; RU Howco - Closed Blind
 Rams connected to 13-3/8" annulus & pumped 500 sx
 Class "G" w/3% CaCl @ 2 BPM & press inc from 200 psi
 to 325 psi; SI press 225 psi; Job comp @ 3:00 AM; WOC & repa
 BOP stack. Removing Hydril for repair.
 NOTE: 9-5/8" csg press same as 13-3/8" annulus Sq.
 NOTE: Mud logger was temporarily released on 2-21-78. Will b
 called back when drilling is resumed.

MW 11.4#, 40 secs, 28.7 cc.

TD: 8991'
2-23-78

WOC

Remove Hydril, sent to shop for repairs; Test 9-5/8"
 csg; Pump in 3 bbls @ 350# ARO 1/4 BPM; WO Halliburton;
 Test 13-3/8" csg to 500# - OK. Pump down 9-5/8" csg
 300 sx Class "G" + 3% CaCl₂ in 5 stages (75,75,50,50,
 50); Wait 10-15 min between stages; 1st 3 stages
 Static on psi after 15 min; 4th stage 50# after 15
 min; 5th stage 300# after 15 min; Displaced 2 bbls
 @ 250# after 30 min; 1/2 bbl @ 600# after 45 min; SI
 10 min - held 450#. SD WO Cmt; Top of fish 4354'.

NBU #27 (GPE)
 Bitter Creek Field
 Uintah County, Utah
 AFE: 14814 WI: FO, 5%, ORR-BI
 ATD: 10,800' SD: 12-7-77
 GPE, Inc. (Highland), Oper.
 Anderson Drilling, Contr.
 13-3/8" @ 90'KB; 9-5/8" @
 2497';

TD: 8991'
2-17-78

POOH

RU Blow down lines to DP; Opened well & flared gas while building volume & mud wt; Est gas 1 MMCF; RU Howco - pumped 320 bbls down csg, 11.4# mud w/12% LCM; Pumped @ 7 BPM w/300 psi; Decreased rate to 40 BPM & pumped 40 bbls. SD pumping - had slight blow on csg. Pumped 40 bbls @ rate of 1 BPM down csg while holding back press on csg; Lost approx 400 BM; SI & mixed mud 500 bbls w/12% LCM; RU Howco pumped 120 bbls; Started receiving returns weighing 8.5# wtr w/wt increasing to 11.1# @ 1:00 AM. Pulled 2 jts DP w/slight blow on DP; Pumped slug down DP; Pulled 7 stds; Circ & building mud volume @ 2437'; Lost approx 250 bbls mud; Slugged pipe & POOH.
 NOTE: 30 psi on 13-3/8" X 9-5/8" annulus @ 1:00 AM. @ 4:00 AM no press, but slight blow. @ 6:00 AM slight blow - no fluid.

MW 11.5#, 40 secs.

TD: 8991'
2-18-78

TIH w/new bit.

POOH w/fish; PU 6 DC, jars & bit #7; TIH to 2415'; Circ & build volume; LCM - 12%; RIH w/10 stds; Circ @ 3353'; RIH w/6 stds; Ream 3917' to 4050'; Circ out gas; Ream 4050' to 4110'; Circ out gas; Ream 4110' to 4517'; Circ; POOH for new bit; Change out rotating head rubber; PU 1 DC & TIH w/bit.

MW 11.9#, 52 secs.

TD: 8991'
2-19-78

POOH w/bit.

TIH 2500'; Cut drilling line; Rig repair - High drum chain; LD 4 jts DP & TIH to 4517'; Circ btms up & check for gas; Drilling bridge 4517' to 4576'; Circ on top of fish, pull 23 stds; Circ @ 2364'; TIH & check for fill up; Wash 7' to btm & circ @ 4576'; Work on pump; POOH.

MW 12.1#, 65 secs, 44 secs.

TD: 8991'
2-20-78

POOH w/string shot.

TOOH w/bit & trip back in to top of fish @ 4576' (btm 8972'); Circ on top of fish; Screw into fish; Jar on fish, attempt to circ - no circ; SI well started flowing 2400 psig, SI; Set Kelly back & RU Dialog & made sinker run to top DC's @ 8318'; Run Free Pt @ 7250', 90% on stretch & 42% on torque; RU 300 grain string shot & RIH to 7250' w/5 rnds left hand torque - didn't back off; @ 6AM 140# on 9-5/8" - 100# on 13-3/8" csg. (Looks like hole in 9-5/8" csg.)

MW 12.0#, 54 secs, 45 cc.

NBU #27 (GPE)
 Bitter Creek Field
 Uintah County, Utah
 AFE: 14814 WI: FO, 5%, ORR-BI
 ATD: 10,800' SD: 12-7-77
 GPE, Inc. (Highland), Oper.
 Anderson Drilling, Contr.
 13-3/8" @ 90'KB; 9-5/8" @
 2497';

TD: 8991'
2-14-78 Circ @ 4570'. Attempting to kill wtr flow. Retrieve McCullough WL & string shot. Free Point @ 4576'. POOH & run shot #1 - failed for back off. POOH & run shot #2 - failed for back off; POOH & prep for shot #3. Backed off below totary table. Tool jt drpd below rotating head. Pulled rotating head & changed out. Changed sub below safety valve & screwed into tool jt. TIH w/shot #3. Backed off @ 4576' while putting torque in DP for shot #3. Didn't fire shot #3. TOOH w/shot #3 & PU Kelly. Circ & try to kill wtr & gas flow ✓

SI well to build mud to 11.8#. Circ thru ck (2 - 3/4" cks open) Mud in 11.8, wtr & gas out. Mud returns after 1½ hrs 9.6#. Gas flare 25 to 30'. No gas @ 6:00 AM.

MW 11.4#, 40 secs.

TD: 8991'
2-15-78 Pump, kill wt mud down 4½" DP (11.2#) (wtr out). Circ & Build volume. SI Build mud wt. to 11.4#, 55, 25% LCM. Pump mud down DP & work on pumps. LCM stuck under valve. SI work on accumulator & closing lines. Pump mud down DP. Work on pumps. SI work on pump. Open choke - pump mud down DP.

MW 11.2#, 46 secs.

TD: 8991'
2-16-78 Mixing kill mud & prep to flow down DP. Top of fish @ 4576', DP @ 3150'. CO rig pump; Pump 11.4# mud w/25% LCM down DP - 100 bbls; Cleaning rig pumps; Pump 30 bbls 11.4# mud down DP w/Howco. Pull 1 std DP; Well flowing thru DP; Installed Safety Valve-SI DP press 200 psi; Pumped 17 bbls 11.4# mud down DP - press increased to 2000 psi; Press to 2500 psi on DP; DP plugged Bled gas off DP; Pulled 14 stds DP while bleeding press off DP; Bleeding gas off DP & unloading gas & wtr in heads from annulus. PU blow down line for DP - Mixing kill mud. 5 AM, 2-16-78 pit check; MW 10.6#, 56 secs.

NBU #27 (GPE)
 Bitter Creek Field
 Uintah County, Utah
 AFE: 14814 WI: FO, 5%, ORR-BI
 ATD: 10,800' SD: 12-7-77
 GPE, Inc. (Highland), Oper.
 Anderson Drilling, Contr.
 13-3/8" @ 90'KB; 9-5/8" @
 2497';

TD: 8393'
2-9-78

Drilling (104' - 16-3/4 hrs).

Drilling; Trip & Circ out gas; Drilling breaks:
 (1) 8294' - 8310', Gas 160-400-325; 17-9-16½ min/ft.
 (2) 8316' - 8326', Gas 70-70-70; 13½-6½-12 min/ft.
 (3) 8336' - 8348', Gas 60-50-60; 12-6-11 min/ft.
 (4) 8362' - 8380', Gas 40-315-80; 10-3-11 min/ft.
 Connection gas - 385un; Trip gas 2300un.

MW 11.2#, 43 secs.

TD: 8589'
2-10-78

Drilling (196' - 22 hrs).
 Drilling; Repair; Drilling; Repair; Drilling; Repair;
 Drilling; Drilling brk 8408-22', 10 - 2½ - 12½ mpf,
 160 - 390 - 280 un. 8422-32', 10 - 6 - 9½ mpf, 600 -
 700 - 600 un. 8448-82', 13 - 2 - 7½ mpf, 600 - 700 -
 680 un. 8486-8514', 7½ - 3 - 6 mpf, 610 - 720 - 620
 un. 8514-34', 6 - 2½ - 8 mpf, 700 - 720 - 360 un.

MW 10.8#, 35 secs.

TD: 8826'
2-11-78

Replace seals on rotating head. (237' - 21 hrs)
 Drilling; Repair; Drilling; Rotating head repair;
 Drilling; Rig Service; Drilling; Rotating head
 seals; Drilling brks, 8598-8640', 7½ - 1 - 9 mpf,
 100 - 615 - 500 un. 8662-72', 10 - 2½ - 9 mpf,
 620 - 640 - 620 un. 8672-76', 9 - 2 - 10½ mpf,
 620 - 580 - 500 un. 8706-22', 9 - 2 - 9½ mpf,
 440 - 420 - 460 un. 8722-38', 9½ - 3 - 7½ mpf,
 460 - 850 - 640 un. 8738-58', 7 - 2½ - 6 mpf,
 640 - 900 - 900 un.

MW 10.7#, 35 secs.

TD: 8981'
2-12-78

Pipe stuck 20' from btm. (165' - 12 hrs).
 Change seals on rotating head; drilling; rig serv;
 drilling; circ gas out; drilling; work on rotating
 head; drilling - well kicking; circ on ck, SICP -
 400 to 650 un. Lost 200 BM; mix mud - build volume;
 try to circ - work pipe.

MW 11.1#, 42 secs.

TD: 8991'
2-13-78

Fishing McCullough wire line w/string shot from 4½" DP.
 Build mud volume. DP stuck w/bit @ 8972'. SICP 100 psi
 - can't circ. RU McCullough; TIH w/McCullough wire line
 to 8970'. Work pipe to locate Free Pt. Free Pt @ 4500'.
 POOH & PU 1 jt DP; Start TIH w/McCullough Free Pt Tool.
 Shorted out. POOH & changed tool. Located Free Pt @
 4550'. Partial stuck @ 4579'. Stuck @ 4600'. POOH & GIH
 w/string shot - driller cut wire line; Pit check. WO
 Spear to fish wire line; Fish & retrieve wire line &
 string shot. Prep to run string shot for back off.

MW 11.5#, 47 secs.

NBU #27 (GPE)

Bitter Creek Field

Uintah County, Utah

AFE: 14814 WI: FO, 5%, ORR-BI

ATD: 10,800' SD: 12-7-77

GPE, Inc. (Highland), Oper. TD: 7671'

Anderson Drilling, Contr. 2-3-7813-3/8" @ 90'KB; 9-5/8" @
2497';

Drilling (79' - 13½ hrs).

Drilling; Rig Service; Drilling; Replace section of
mud line; Drilling; TOOH for hole in DP (70 stds);
TIH; Install rotating head & wash to TD; Drilling.
Trip gas 2200 un, BGG 500 un, Conn gas 750 un.

MW 10#, 49 secs.

TD: 7822' Drilling (151' - 20-3/4 hrs).

2-4-78Drilling; Connection & rig; Drilling; Circ out gas;
Replace rotating stripper; Drilling; Drilling brks,
7702-06', 465 - 550 - 500. 7732-44', 565-650.
7746-56', 1000 un max. 7760-70', 400-420-364.
7772-82', 284-360-260. 7808-20', 1200 un max.

MW 10.1#, 29 secs.

TD: 8014'

2-5-78

Trip for bit (192' - 16½ hrs).

Drilling; Rig serv; Drilling; Circ out gas & mix bar;
Check well flow; Mix pill for trip; TOOH; change bit
& check BOP. Drilling brks, 7900-28', 8 - 2.5 - 10 min/
ft, 1100 - 1800 - 650 un. 7956-70', 11.5 - 2.5 - 14
min/ft, 400 - 840 - 300 un. 7982-90', 8 - 2 - 6 min/ft
300 - 750 - 280 un. 8000-12', 6 - 2.5 - 7 min/ft, 280
- 840 - 336 un.

MW 10.2#, 29 secs.

TD: 8129'

2-6-78

TIH (115' - 15 hrs).

Trip; Clean out to btm 10'; Drilling; Rig serv; Rig
serv; Drilling; Circ for trip; TOOH. Drilling brk,
8018-42', 14 - 2.5 - 12 min/ft, 315 - 420 - 410 un.
8042-50', 12 - 8 - 9 min/ft, 410 - 300 - 280 un,
8066-74', 10.5 - 6 - 8 min/ft, 280 - 330 - 330 un.
8100-16' (coal?) 12 - 2.5 - 7 min/ft, 390 - 1800 -
400 un. CG 800 - 900 un, TG 2500 un.

MW 10.2#, 29 secs.

TD: 8201'

2-7-78

Drilling (72' - 15 hrs).

Drilling; Serv rig & trip for holes in DP.
Drilling brk 8124-8150', 12 - 6 - 17 min/ft, 500 -
325 - 330 un. 8150-8162', 17 - 6 - 12 min/ft, 330 -
320 - 305 un. 8162-72', 12 - 6 - 11 min/ft, 305 -
300 - 310 un. Trip gas 900 - 1800 un. Conn gas
430 - 2000 un.

MW 10.2#, 29 secs.

TD: 8789'

2-8-78

Drilling - mixing bar & salt. (88' - 9½ hrs)

Drilling; Rig serv; Drilling; Circ & mixing mud @
8285'. Lost returns of 500-600 BBLs @ 8285'.Drilling; Ran out of bar @ midnight - did not receive
any 'til 5:00 AM. Drilling brk; 8168-8216', 11.5 - 2 -
9 min/ft, 450 - 360 - 380 un. 8216-24', 9 - 6.5 - 10
min/ft, 380 - 240 - 215 un. 8224-32', 9 - 6.5 - 9 min/
215 - 215 - 240 un. 8252-62', 10 - 6 - 8 min/ft,
320 - 570 - 600 un. 8262-86', 8 - 3 - 5 min/ft, 600 -
1150 - 2000 un. Conn gas @ 8264' 1800 un. Downtime
gas (to build mud volume after L.C.) = 2300 un. Current

BGG 140 un.

MW 10.4#, 35 secs.

NBU #27 (GPE)

Bitter Creek Field
Uintah County, Utah

AFE: 14814 WI: FO, 5%, ORR-BI

ATD: 10,800' SD: 12-7-77

GPE, Inc. (Highland), Oper.

Anderson Drilling, Contr.

13-3/8" @ 90'KB; 9-5/8" @
2497';

TD: 6759'

1-28-78

Drilling (239' - 23-3/4 hrs).

Drilling; Serv rig; Drilling; Boiler & lite plant on diesel 24 hrs. Drilling engines on NG 24 hrs. Drilling brk 6622-28', BGG 250 un to 360 un to 336 un, 5.6 min/ft to 2.6 min/ft. Gas kick 6666-6670, BGG 260 inc to 882 down to 306. Drilling brk 6727-36', 280 un to 840 un to 475 un, 6.4 min/ft to 2.6 min/ft.

MW 9.2#, 28 secs.

TD: 6953'

1-29-78

Drilling (194' - 23-3/4 hrs).

Drilling; Rig Serv; Drilling; Drilling brk 6727-36' 8 min/ft to 4 min/ft, BGG 280 - 420 - 280. 6832-41', 7 min/ft to 2.4 min/ft, BGG 300 - 370 - 250.

MW 9.4#, 28 secs.

TD: 7136'

1-30-78

Welding mud line @ 6:00 AM. (183' - 22-1/4 hrs).

Drilling; Rig service; Drilling; Circ out gas @ 7049' - thick oil on pits; Had 2500 un gas; Drilling; Repair mud line; Drilling brk 7030-50' 7mpf to 2.4mpf to 9mpf, BGG 340 - 1600 - 400 un. Drilling brk 7098-7113', 8.4 mpf to 2.8 mpf to 11 mpf, BGG 280 to 2250 to 280 un. Flare 20-40'.

MW 9.9#, 29 secs.

TD: 7216'

1-31-78

Drilling (80' - 12½ hrs).

Weld mud line. Drilling; Rig service; Drilling; TOOH. Check BOP & change bit; TIH; Rig repairs; TIH & PU 3 DCs; Cut 100' drilling line; TIH; Fill pipe & CO to TD; Drilling; Total gas - 280 un; Conn 800 un; Trip gas 240 un.

MW 10.1#, 29 secs.

TD: 7430'

2-1-78

Drilling (214' - 23½ hrs).

Drilling; Rig service; Drilling; Circ gas out; Drilling; Drilling brk 7350-60', 265 un - 2250 un - 280 un. 7376-85', 380 un - 350 un - 310 un. 7395-7408', 310 un - 2300 un - 420 un. BGG 520 un, Conn gas 660 un. Flaring gas - recycling in pits - may need degasser.

MW 9.8 - 10.0#, 29 secs.

TD: 7592'

2-2-78

Drilling (162' - 23-3/4 hrs).

Drilling; Rig serv, check BOP; Drilling; Drilling brk 7536-45', 840 un - 2100 un - 150 un, 5.4 FPH - 2.4 FPH - 6.8 FPH. BGG 210 un.

MW 10.1#, 29 secs.

ONE-POINT BACK PRESSURE TEST FOR NATURAL GAS WELLS

COMPANY: GAS PRODUCING ENTERPRISES, INC			LEASE: NATURAL BUTTES			WELL NUMBER: 27		
FIELD: NATURAL BUTTES AREA			PRODUCING FORMATION: ME SAVERDE			COUNTY UINTAH COUNTY		
SECTION: 33		TOWNSHIP: 9S		RANGE: 21E		PIPELINE CONNECTION: COLORADO INTERSTATE GAS COMPANY		
CASING (O.D.): 4.500		WT./FT.: 13.5		I.D.: 3.920		SET AT: 7023		PERF.: 5329
TUBING (O.D.): 2.375		WT./FT.: 13.5		I.D.: 1.995		SET AT: 6012		TO: 6848
PAY FROM:		TO:		L: 6012		G(RAW GAS): .610		GL: 4270.000
PRODUCING THRU: TUBING		STATIC COLUMN: YES		PACKER (S) SET @:		G (SEPARATOR): .610		METER RUN SIZE: 2.067 (FLANGE)
DATE OF FLOW TEST: 10-17-78		10-20-78		OBSERVED DATA				

ORIFICE SIZE INCHES	METER DIFFERENTIAL RANGE	METER PRESSURE	DIFFERENTIAL ROOTS	FLOWING TEMPERATURE t	CASING WELLHEAD PRESSURE		TUBING WELLHEAD PRESSURE	
					p.s.i.g.	p.s.i.a.	p.s.i.g.	p.s.i.a.
1.000	100	536.0	5.90	79	773.0	786.0	594.0	607.0

RATE OF FLOW CALCULATIONS

24 HOUR COEFFICIENT	METER PRESSURE p.s.i.a.	hw	P _{mhw}	EXTENSION $\sqrt{P_{mhw}}$	GRAVITY FACTOR F _g	FLOWING TEMP. FACTOR F _t	DEVIATION FACTOR F _{pv}	RATE OF FLOW R MCFD
5073.0	549.0	34.81	19110.690	138.241	1.280	.9822	1.0437	920.21

PRESSURE CALCULATIONS

DATE OF SHUT-IN TEST: **10-20-78**

SHUT-IN PRESSURE:
CASING: **1565.0** p.s.i.g. TUBING: **1498.0** p.s.i.g. BAR: **13.000** p.s.i. P_c: **1578.0** p.s.i.a. P_c²: **2490084.0**

P _w p.s.i.a.	P _w ²	P _r	T _r	Z
786.0	617796.0			

POTENTIAL CALCULATIONS

(1) $\frac{P_c^2 - P_a^2}{P_c^2 - P_w^2} = 1.3300$

(2) $\left[\frac{P_c^2 - P_a^2}{P_c^2 - P_w^2} \right]^n = 1.1795$

(3) R $\left[\frac{P_c^2 - P_a^2}{P_c^2 - P_w^2} \right]^n = 1085$

CALCULATED WELLHEAD OPEN FLOW: **1085** MCFD @ 14.65

BASIS OF ALLOCATION: _____ SLOPE n: **.579** (Average)

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

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: 1436' FWL & 1657' FSL
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-915630-ST

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 #27

10. FIELD OR WILDCAT NAME
Natural Buttes Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 33-T9S-R21E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.
43-047-30304

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4985' 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 formation. 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 #27**

Worked By **JOHN KOTELEC**

Depth _____

Other Description _____

Formation **WASATCH**

CHEMICAL DETERMINATIONS as parts per million

Density 1.010 @ 23°C

pH 8.0

Iron 2 ppm

Hydrogen Sulfide NONE

Sodium and Potassium 8530

Bicarbonate 1160

Calcium 360

Sulfate 2

Magnesium 267

Phosphate _____

Chloride 13891

as Sodium Chloride 22851

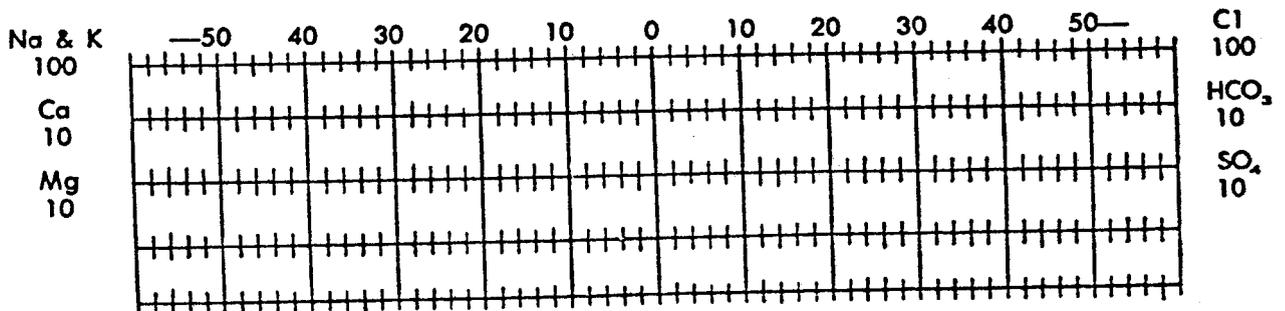
TOTAL ppm _____

Resistivity .30 ohm-meters @ 70° F

TOTAL HARDNESS - 2000 ppm as CaCO₃

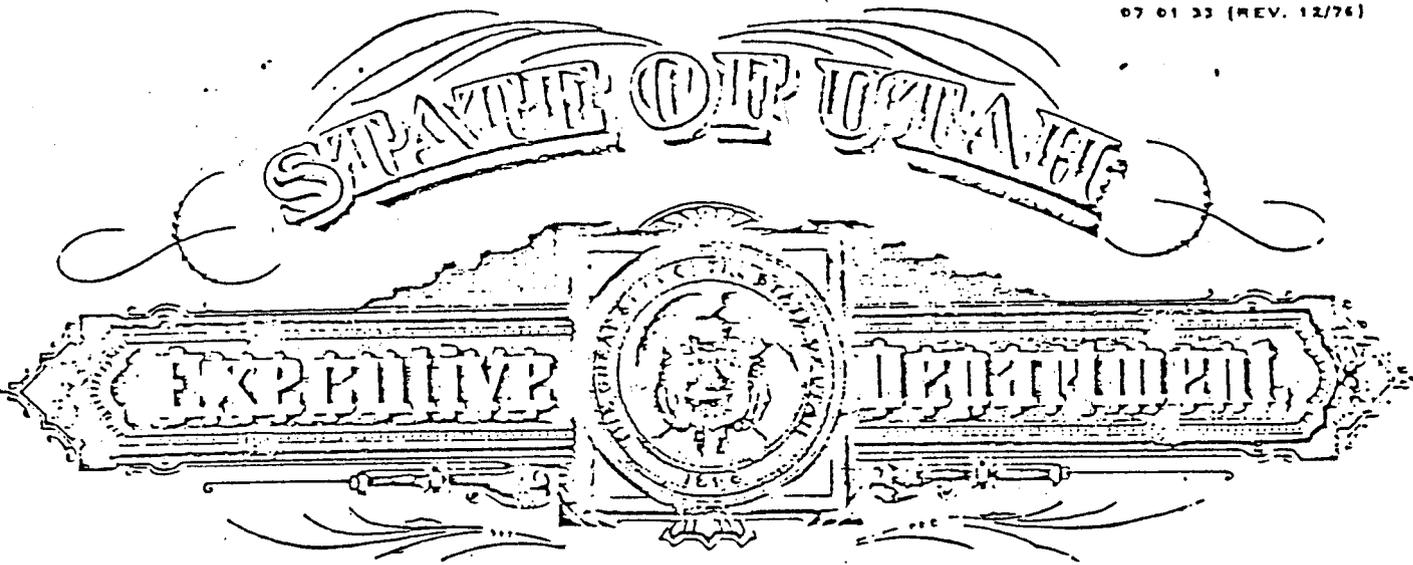
Remarks:

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



Per _____





Office of Lt. Governor/Secretary of State
AMENDED CERTIFICATE OF AUTHORITY
OF
COASTAL OIL & GAS CORPORATION

10/31/83

Rec

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 GAS PRODUCING ENTERPRISES, INC. formerly

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

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

STATE COPY

WELL CODE J-01-11			FIELD NAME NATURAL BUTTES UT						OPERATOR CODE 0917		OPERATOR NAME COASTAL OIL & GAS CORPORATION						WELL NAME NATURAL BUTTES																					
WELL CODE 3		SECT. 72626		LOCATION TWNHP/BLK 37		RGE/SUR. 08		PANHANDLE/REDCAVE SEQ. NUMBER 017		FORMATION MESAVERO		FLOW TEST				1																						
WELL ON (OPEN)			FLOW TEST												WELL HEAD TEMP			FLOWING TBG/CSG PRESSURE		STATIC TBG/CSG PRESSURE		FLOWING STRONG TUBING CASING																
MO.	DAY	YR.	DATE (COMP.)			ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP		WELL HEAD TEMP		FLOWING TBG/CSG PRESSURE		STATIC TBG/CSG PRESSURE		FLOWING STRONG TUBING CASING										
11	12	13	14	15	16	17	18	19	20	21	22	23	27	28	32	33	38	39	42	43	48	48	51	52	55	56	58	59	61	62	67	68	73	74	75			
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
5	18	82	5	18	82	00	625	2	097	0	1914	0	0.605	1	006574	01	75	075																				
WELL-OFF (SHUT-IN)			SHUT-IN TEST						SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS		EST TBG PRESS		TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.																	
MO.	DAY	YR.	PRESSURE TAKEN DATE			CASING PRESSURE (PSIG)		TUBING PRESSURE (PSIG)		SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS		EST TBG PRESS																		
11	12	13	14	15	16	17	18	19	20	21	22	23	28	29	34	35	38	39	44	45	49	50	53	54	55													
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	E	E											
4	24	82	4	27	82	00	842	0	00	842	0																											
METER STA		72626						00625		REMARKS: Diff Estimated the measurement will verify Differential																												

TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.

CIG: *J. P. ...*

OPERATOR: _____

COMMISSION: _____

IG 896-773

COLORADO INTERSTATE GAS COMPANY

STATE COPY

WELL TEST DATA FORM

FIELD CODE 560-01-11	FIELD NAME NATURAL BUTTES, UT	OPERATOR CODE 2915	OPERATOR NAME COASTAL OIL & GAS CORPORATION	WELL NAME NATURAL BUTTES	27
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WELL CODE 72626	SECT 33	LOCATION TOWNSHIP/RANGE/SUR 9S 21E	PANHANDLE/RECCAVE SEQ. NUMBER	K-FACTOR	FORMATION MESAVERDE	FLOW TEST
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WELL ON (OPEN)			DATE (COMP.)		ORIFICE SIZE	METER RUN SIZE	COEFFICIENT	GRAVITY (SEP.)	METER DIFF. RANGE	METER PRESSURE	DIFFERENTIAL ROOTS	METER TEMP.	WELL HEAD TEMP.	FLOWS TUBING PRESSURE	STATIC TUBING PRESSURE	FLOWS TUBING	CASING												
MO.	DAY	YR.	MO.	DAY	YR.	23	27	28	32	33	38	39	42	43	45	46	51	52	55	56	58	59	61	62	67	68	73	74	75
XX	XX	XX	XX	XX	XX	XX	XXX	XX	XXX	XXXXXX	X	X	XXX	XXX	XXXXXX	X	XX	XX	XXX	XXX	XXXXXX	X	XXXXXX	X	XXXXXX	X	X	X	
12	08	81						2	067			0.605	190																

WELL-OFF (SHUT-IN)			SHUT-IN TEST			SLOPE	EFFECTIVE DIAMETER	EFFECTIVE LENGTH	GRAVITY (RAW GAS)	EST. CSG. PRESS.	EST. TUB. PRESS.	TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.														
MO.	DAY	YR.	PRESSURE TAKEN		DATE							CASING PRESSURE (PSIG)	TUBING PRESSURE (PSIG)	23	28	29	34	35	38	39	44	45	49	50	53	54
XX	XX	XX	XX	XX	XX	XXXXXX	X	XXXXXX	X	X	XXX	XX	XXXXX	XXXXXX	X	XXXX	E	E	OPERATOR: <i>Ray L. Hunt</i>							
										586	1	9950	6012									COMMISSION:				

METER STAMP	72626	00625	REMARKS: <i>Well shut in Producer Problem</i>
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COLORADO INTERSTATE GAS COMPANY

STATE COPY

WELL TEST DATA FORM

FIELD CODE 660-01-11	FIELD NAME NATURAL BUTTES	OPERATOR CODE 2915	OPERATOR NAME COASTAL OIL & GAS CORPORATION	WELL NAME NATURAL BUTTES	27
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WELL CODE 72626	SECT. 33	LOCATION TWP/SECT/BLK 9S 21E	RGE/SUR 21E	PA HANDLE/RECCAVE SEQ. NUMBER	K-FACTOR	FORMATION MESAVERDE	FLOW TEST FLOW TEST	1
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WELL ON (OPEN)										FLOW TEST																	
DATE (COMP)						ORIFICE SIZE	METER RUN SIZE		COEFFICIENT	GRAVITY (SG)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.	WELL HEAD TEMP.		FLOWING TBG/ODD. PRESSURE		STATIC TSG/CSG PRESSURE		FLOWING STRONG TUBING CALIBRE		
MO.	DAY	YR.	HR.	DAY	YR.		11	12		13	14	15	16	17	18	19	20		21	22	23	24	25	26	27	28	29
XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XXXXXX	X	XXXXXX	XXX	XXXXXX	X	XX	XX	XXX	XXX	XXXXXX	X	XXXXXX	X	XXXXXX	X	XX	XX
09 22 81 09 29 81						00.625	2 067			0.605 100		00.690 0		03.00		092		00.690 0		00.690 0		X					

WELL-OFF (SHUT-IN)										SHUT-IN TEST										TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.				
DATE						CASING PRESSURE (PSIG)	TUBING PRESSURE (PSIG)		SLOPE	EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)	EST CSG PRESS	EST TBG PRESS	CIG OPERATOR		COMMISSION					
MO.	DAY	YR.	HR.	DAY	YR.		29	30		31	32	33	34								35	36	37	38
XX	XX	XX	XX	XX	XX	XXXXXX	X	XXXXXX	X	X	XXX	XX	XXXXX	XXXXXX	X	XXX	E	E	CIG: <i>J. Brannon</i>		OPERATOR:		COMMISSION:	
06 18 81 06 19 81						00.795 0	00.800 0			586 1 9950		6012												

METER STAMP	72626 00625	REMARKS:
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COLORADO INTERSTATE GAS COMPANY

WELL TEST DATA FORM

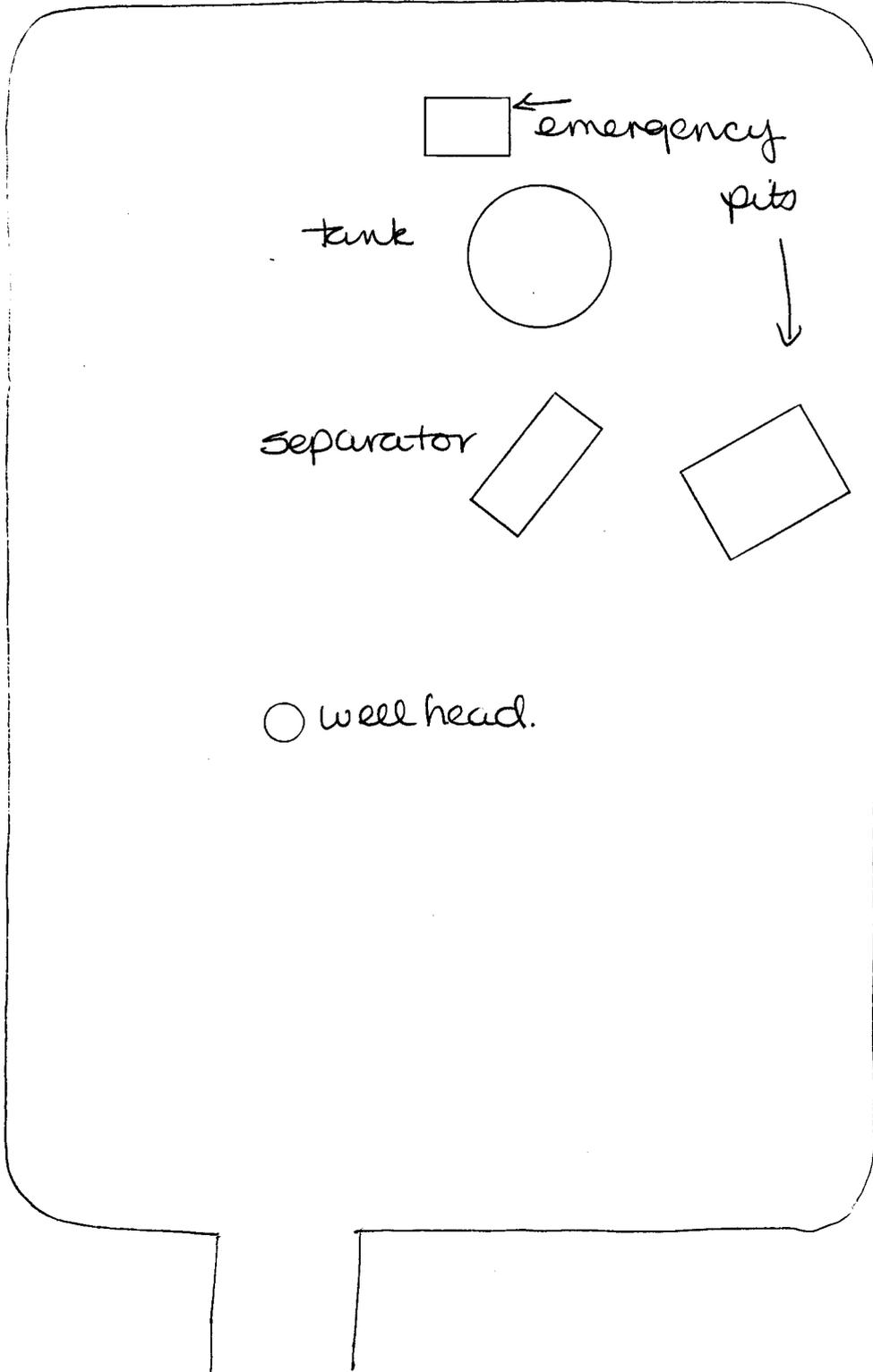
STATE COPY

FIELD CODE 01-11			FIELD NAME NATURAL BUTTES						OPERATOR CODE 2915		OPERATOR NAME GAS PRODUCING ENTERPRISES, INC						WELL NAME NATURAL BUTTES			27											
WELL CODE 3	SECT. 33	LOCATION TWN/BLK RS		RGE/SUR. 21E		PANHANDLE/REDCAVE SEQ. NUMBER K-FACTOR		FORMATION MESAVERDE		FLOW TEST												1									
WELL ON (OPEN)			FLOW TEST																												
			DATE (COMP.)			ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TBG/CSG PRESSURE		STATIC TBG/CSG PRESSURE		FLOWING STRING			
MO.	DAY	YR.	MO.	DAY	YR.																							TUBING	CASING		
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
WELL-OFF (SHUT-IN)			SHUT-IN TEST										SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)	EST CSG PRESS	EST TBG PRESS	TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.									
			PRESSURE TAKEN			DATE		CASING PRESSURE (PSIG)		TUBING PRESSURE (PSIG)																					
MO.	DAY	YR.	MO.	DAY	YR.																										
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX

NBU 27

Sec 33 T95, R21E

Grubly 1/19/89



42.381 50 SHEETS 5 SQUARE
42.382 100 SHEETS 5 SQUARE
42.389 200 SHEETS 5 SQUARE
NATIONAL MAP P.O. S.A.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number: U-015630-ST
6. If Indian, Allocated or Tribe Name: N/A
7. Unit Agreement Name: Natural Buttes Unit
8. Well Name and Number: NBU #27
9. API Well Number: 43-047-30304
10. Field and Pool, or Wildcat: Natural Buttes

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:
Coastal Oil & Gas Corporation

3. Address and Telephone Number:
P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

4. Location of Well
Footages: 1657' FSL & 1436' FWL County: Uintah
OO, Sec., T., R., M.: NE/SW Section 33, T9S-R21E State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other _____
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other Annual Status Report
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of work completion _____

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

* Must be accompanied by a cement verification report.

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

The above referenced well is TA'd as it is uneconomical to produce. There are no plans at this time to workover or recomplete this well.

RECEIVED

FEB 16 1993

DIVISION OF
OIL, GAS & MINING

13. Name & Signature: Eileen Danni Dey Title: Regulatory Analyst Date: 2/11/93

(This space for State use only)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires July 31, 1996

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.

5. Lease Serial No.

U-015630

6. If Indian, Allottee or Tribe Name

N/A

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

8. Well Name and No.

NBU #27-33-9-21

9. API Well No.

43-047-30304

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

11. County or Parish, State

Uintah County Utah

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Coastal Oil & Gas Corporation

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)

Sec. 33, T9S, R21E 1436' FWL & 1657' FS1

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 checked="" type="checkbox"/> Other <u>P&A</u>
	<input type="checkbox"/> Change Plans	<input checked="" 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 Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximated duration thereof. If the proposal is to deepen directionally or recompleat 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 recompleat 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 requests authorization to Plug and Abandon the subject well.

Please refer to the attached proposed P&A procedure.

APPROVED*

The Utah Division of Oil, Gas and Mining
Robert J. Krueger, PE, Petroleum Engineer

Date: 9-2-99

SENT TO OPERATOR
9-3-99
CRP

AUG 24 1999
DIV. OF OIL, GAS & MINING

* Step #3 - 8 sacks Class G cement should be placed on top of the retainer (100' minimum plug per

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Sheila Upchego

Title

Environmental Secretary

(R649-3-24)

Date

August 17, 1999

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

NBU # 27 – PLUG & ABANDON PROCEDURE

Section 33 – T9S – R21E

Uintah County, UT

August 10, 1999

ELEVATION: 4985' GL 5002' KB (17')
TOTAL DEPTH: 8991' PBD: 6920'
CASING: 13 3/8", 54#, @ 90' Cemented to surface w/ 100 sx.
9 5/8", 36#, K-55 @ 2497' Cemented w/ 610 sx.
4 1/2", 13.5#, N-80 LT&C @ 7023' Cemented w/ 2080 sx.
TOC @ 2656' from CBL on 4-13-95.
TUBING: EOT@ 6012' : 2 3/8" EUE, J-55, 4.7#/ft
PERFORATIONS: Wasatch: (2 shots @ each depth)
5329'-5330'; 5688'-5689'; 5743'-5744';
5778'-5779'; 5829'-5830';
6743'-6744'; 6747'-6748'

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.6# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 1/2" 13.5# N-80 csg	8,460	8,540	3.795"	0.0149	0.6258
2 3/8" by 4 1/2" Annulus				0.094	0.3948
4 1/2" by 9 5/8" Annulus				0.05764	2.4209

OBJECTIVE:

Plug and Abandon

Note: All water used to displace cement and placed between plugs should contain corrosion inhibitor and should be 8.8 to 9.2 ppg. Also, all squeezes must be a minimum of 100' and 25 sacks.

1. MIRU workover rig. Nipple down wellhead and Install BOPE. Kill well with water if necessary. POOH laying down tubing. Pick up cement retainer and RIH picking up 2 3/8", J-55, EUE tubing (workstring) to ± 5309'. Break circulation through retainer before setting. Set cement retainer @ ± 5309'.
2. MIRU cementers. Mix and pump 186 sacks of Class G cement containing 1/4 lb/sack of cellophane flakes. Displace 181 sacks of cement below retainer using 19.52 bbls of water or until pressure reaches 500 psi. Sting out of retainer and place remaining cement (5 sacks) on top of retainer by displacing with an additional 1 bbl of water.
3. Pull up hole 200' laying down tubing. Open production casing / surface casing annulus. Circulate (fill) hole with water and pressure test production casing to 500 psi. If circulation comes to surface outside of production casing or production casing does not hold pressure, then fill production casing to surface with cement and go to step # 6.

4. If casing held pressure, pull tubing up hole to 3415'. Mix and pump 25 sacks of neat class "G" cement down tubing to spot a balance plug. Pump at low rates (1 BPM). Displace cement for balance plug by pumping 13.01 bbls of water. Slowly pull up hole to 2547'. Mix and pump 25 sacks of neat class "G" cement down tubing to spot a balance plug across 9 5/8" casing shoe inside of 4 1/2" casing. Pump at low rates (1 BPM). Displace cement for balance plug by pumping 9.65 bbls of water. Slowly pull up hole to 140' laying down work string.
5. Mix and pump 25 sacks of cement down tubing while laying down last 140' to set surface plug.
6. Remove wellhead and RIH between intermediate (9 5/8") and surface casing annulus to top of cement or depth of surface casing (90'). Fill annulus to surface with cement. Repeat for 9 5/8" and 4 1/2" annulus.
7. RD and cut off wellhead. Install dry hole marker. Reclaim location.

TWK

Approvals:

Prod. Manager A.C. Patel 8/12/95

CEMENT DETAILS:

PERFORATIONS:

Cement: Class "G" w/ .25 lb/sk cellophane flakes
 Weight: 15.79 ppg
 Water: 4.97 gal/sk
 Yield: 1.15 ft³/sk

MID - BALANCE PLUG:

Cement: Class "G" Neat
 Weight: 15.8 ppg
 Water: 4.97 gal/sk
 Yield: 1.14 ft³/sk

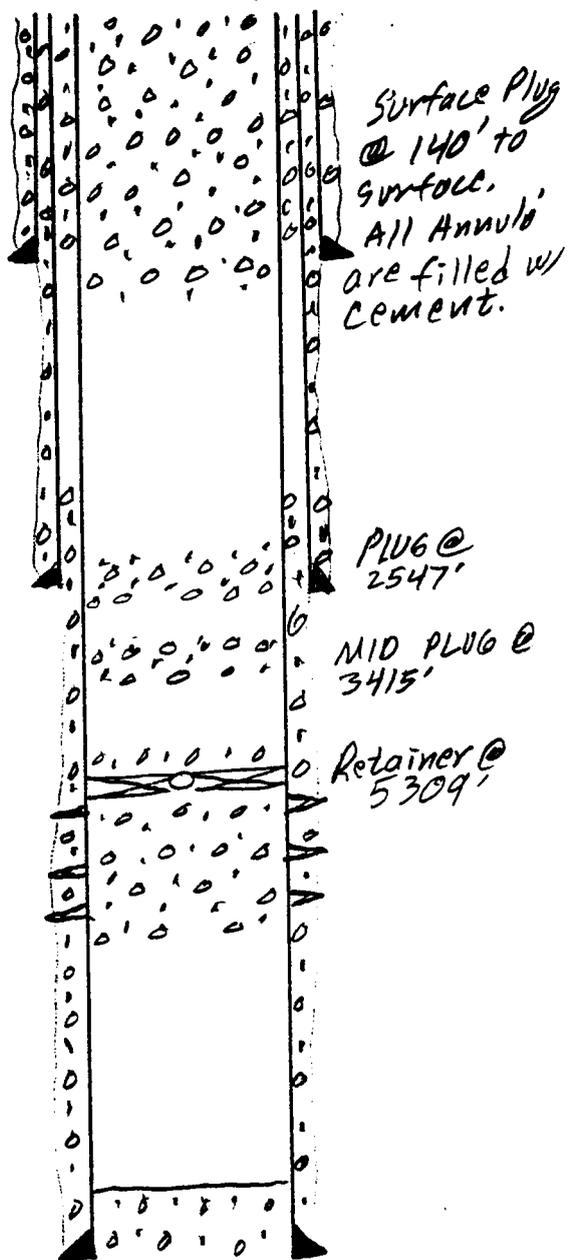
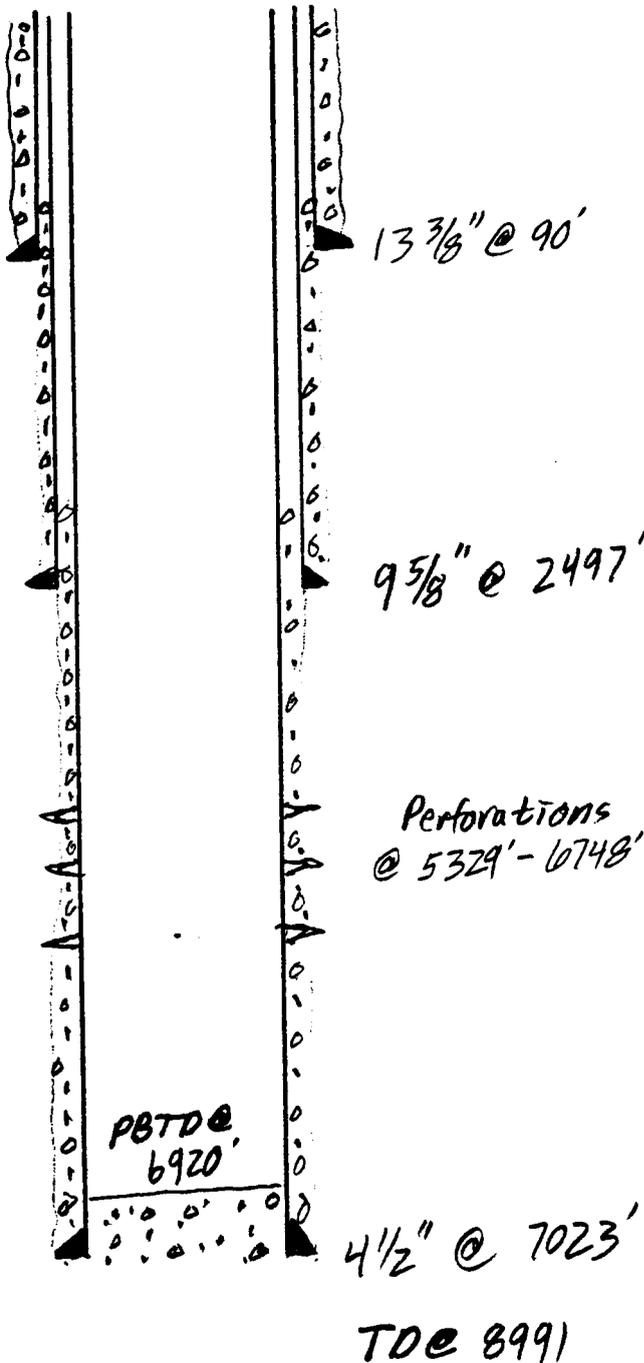
SURFACE CEMENT:

Cement: Class "G" + 2% Calcium Chloride
 Weight: 15.8 ppg
 Water: 4.98 gal/sk
 Yield: 1.16 ft³/sk

NBU # 27

BEFORE

AFTER



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.

5. Lease Serial No.

U-015630-ST

6. If Indian, Allottee or Tribe Name

N/A

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

8. Well Name and No.

NBU #27

9. API Well No.

43-047-30304

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

11. County or Parish, State

Uintah UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Coastal Oil & Gas Corporation

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)

Sec. 33, T9S, R21E
1436' FWL & 1657' FSL

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 <u>P&A</u>
	<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 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.)

MIRU pressure surface equipment to 1500 psi. Pump 15 Bbls H2O. Pump 190 sks Class "G" Cmt w/ 1/4#/sk Celloflake, 39 Bbls slurry 27 Bbls into perfs & below retainer. Cmt top is 4514' w/tbg up to 4311'. Pressure test to 500 psi. Test held. Circ 60 Bbls brine to surface. POOH w/tbg to 4307'. Pump 30 sks Class "G" Cmt w/6 Bbls total down tbg. Cmt top is 3001'. POOH w/tbg to 2533'. Pump 30 sks Class "G" Cmt. Top Cmt is 2127'. HIR to 150' w/2 3/8" tbg. Cmt to surface. Cut off Well Head. Set dry hole marker.

Please refer to the attached Chronological Well History.

RECEIVED

APR 10 2000

DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Katy Dow

Title

Environmental Jr. Analyst

Date 4/4/00

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.

JAN. 17. 2003 3:34PM WESTPORT

NO. 173 P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**410 Seventeenth Street #2300 Denver Colorado 80202-4436
Telephone: 303 573 5404 Fax: 303 573 5609

February 1, 2002

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

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

Dear Ms. Maxwell:

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

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

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

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

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

Debby J. Black
Engineer Technician

Encl:



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

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

FEB 22 2002

DIVISION OF
OIL, GAS AND MINING

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

FEB 21 2002

NOTICE

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

Name Change Recognized

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

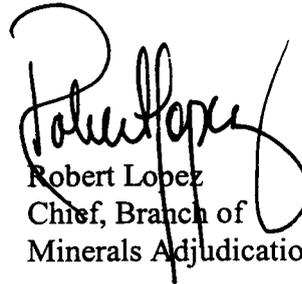
For our purposes, the name change is recognized effective December 31, 2001.

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

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

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

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



Robert Lopez
Chief, Branch of
Minerals Adjudication

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

memorandum

Branch of Real Estate Services
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to
Attn of: Supervisory Petroleum Engineer

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

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

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

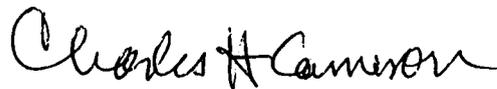
We have no objection.

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

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

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

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





United States Department of the Interior

BUREAU OF INDIAN AFFAIRS
Washington, D.C. 20240

FEB 10 2003

IN REPLY REFER TO:
Real Estate Services

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

Dear Mr. Wilson:

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

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

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

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

Sincerely,

Director, Office of Trust Responsibilities

ACTING

Enclosure



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO
UT-922

February 27, 2003

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

Re: Natural Buttes Unit
Uintah County, Utah

Gentlemen:

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

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

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

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

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

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

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company		8. WELL NAME and NUMBER: Exhibit "A"
3. ADDRESS OF OPERATOR: 9 Greenway Plaza CITY: Houston STATE: TX ZIP: 77064-0995 PHONE NUMBER: (832) 676-5933		9. API NUMBER:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: _____ QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: UTAH		10. FIELD AND POOL OR WILDCAT:

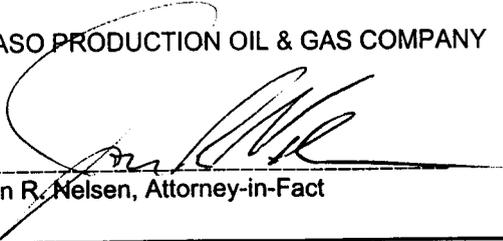
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of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

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

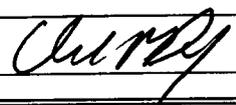
Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

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 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

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

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

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"

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

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

10. Field and Pool, or Exploratory Area

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

SUCCESSOR OF OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zc. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 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. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED
MAR 04 2003

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

Name (Printed/Typed)
CHERYL CAMERON

Title
OPERATIONS

Signature

Date
March 4, 2003

DIV. OF OIL, GAS & MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

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

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.

(Instructions on reverse)

OPERATOR CHANGE WORKSHEET

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**

FROM: (Old Operator):	TO: (New Operator):
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 377	31-09S-21E	43-047-34363	99999	FEDERAL	GW	APD
NBU 378	31-09S-21E	43-047-34364	2900	FEDERAL	GW	P
NBU 409	32-09S-21E	43-047-34421	99999	STATE	GW	APD
NBU 411	32-09S-21E	43-047-34422	99999	STATE	GW	APD
NBU 424-32E	32-09S-21E	43-047-33699	2900	STATE	GW	P
NBU 27	33-09S-21E	43-047-30304	2900	STATE	GW	PA
NBU 27-A	33-09S-21E	43-047-30398	2900	STATE	GW	PA
NBU 262	33-09S-21E	43-047-32929	2900	FEDERAL	GW	S
NBU 396	33-09S-21E	43-047-34480	2900	FEDERAL	GW	DRL
NBU 428	33-09S-21E	43-047-34709	99999	STATE	GW	APD
NBU 438	33-09S-21E	43-047-34787	99999	STATE	GW	APD
NBU CIGE 56-34-9-21	34-09S-21E	43-047-30530	2900	STATE	GW	P
NBU CIGE 87D-34-9-21	34-09S-21E	43-047-30869	2900	STATE	GW	P
NBU 98V	34-09S-21E	43-047-31327	2900	FEDERAL	GW	TA
CIGE 114-34-9-21	34-09S-21E	43-047-31915	2900	FEDERAL	GW	S
CIGE 143-34-9-21	34-09S-21E	43-047-31995	2900	FEDERAL	GW	P
NBU 221	34-09S-21E	43-047-32499	2900	FEDERAL	GW	PA
NBU 221X	34-09S-21E	43-047-32545	2900	STATE	GW	P
CIGE 236-34-9-21	34-09S-21E	43-047-32861	2900	STATE	GW	P
CIGE 203-34-9-21	34-09S-21E	43-047-32881	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:

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 Wells - see attached

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.

891008900A

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No.

Multiple Wells - see attached

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

9. API Well No.

Multiple Wells - see attached

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-

10. Field and Pool, or Exploratory Area

Natural Buttes Unit

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

Multiple Wells - see attached

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"/> 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 type="checkbox"/> Other _____

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 recompleat 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 recompleat 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



COPY SENT TO OPERATOR
Date: 9-16-03
Initials: CHD

Title

Operations Manager

SEP 10 2003

9-2-2003

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

Federal Approval of This
Action is Necessary

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

Date: 9/16/03

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.

WELL	LEGALS	STFLEASENO	CANUMBER	APINO
CIGE 258	19-9-21 NWSE	UTU0891	891008900A	430473486700S1 ✓
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	UTU0578	891008900A	430473484400S1
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	430473651400S1
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 ✓

Westport Oil & Gas, L.P.

Project Economics Works

Instructions:

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

Project Name:

Condensate Shrinkage Economics

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

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

Increased OPX Per Year

Investment Breakdown:

	Cap/Exp Code	Cost, \$
Capital \$	820/830/840	\$1,200
Expense \$	830/860	\$0
Total \$		\$1,200

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

Production & OPX Detail:

	Before	After	Difference
Oil Production	0.192 BOPD	0.194 BOPD	0.002 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

Project Life:

Life = Years
(Life no longer than 20 years)

Internal Rate of Return:

After Tax IROR =

AT Cum Cashflow:

Operating Cashflow = (Discounted @ 10%)

Payout Calculation:

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

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

Payout = Years or Days

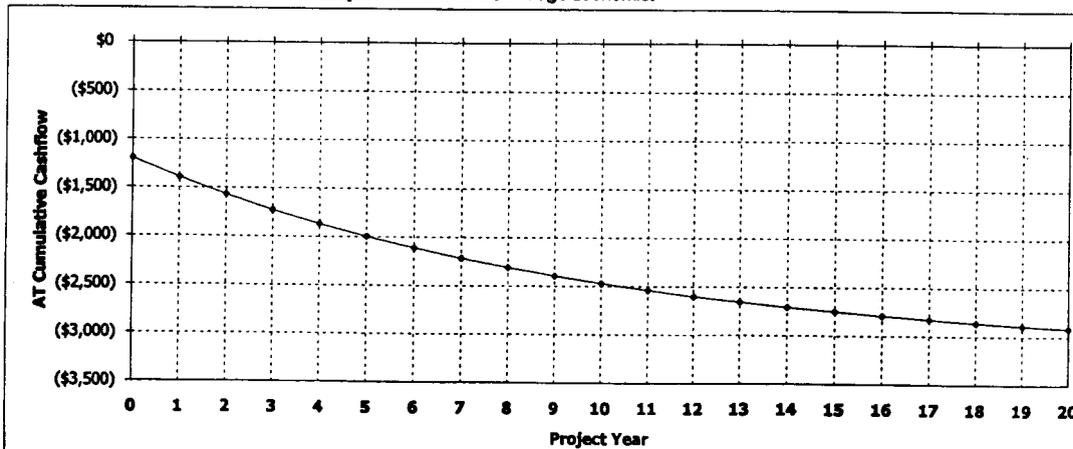
Gross Reserves:

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

Notes/Assumptions:

An average NBU well produces 0.192 bcpd with no tank pressure. The production is increased to 0.194 bcpd if 6 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.

Project: Condensate Shrinkage Economics



Westport Oil and Gas, Inc.

NBU/Ouray Field

RFL 2003-022

COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

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

Calculated at Laboratory Flash Conditions

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

Calculated Flash with Backpressure using Tuned EOS

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

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

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

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

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

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **1/6/2006**

FROM: (Old Operator): N2115-Westport Oil & Gas Co., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	TO: (New Operator): N2995-Kerr-McGee Oil & Gas Onshore, LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024
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WELL NAME	CA No.	Unit:	NATURAL BUTTES UNIT					
	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

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

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

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

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

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State
UINTAH COUNTY, UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<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 CHANGE OF OPERATOR

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

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006. 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 5116106

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

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

Name (Printed/Typed) RANDY BAYNE	Title DRILLING MANAGER
Signature <i>Randy Bayne</i>	Date May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
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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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State
UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
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

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 CHANGE OF OPERATOR

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	Title ENGINEERING SPECIALIST
Signature	Date May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by <i>Brad Laney</i>	Title	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.	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.