

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

5. LEASE DESIGNATION AND SERIAL NO.

MI-23612  
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.

CIGE 79D-1-10-21  
10. FIELD AND POOL, OR WILDCAT

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

Section 1-T10S-R21E  
12. COUNTY OR PARISH 13. STATE

Uintah Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
CIG Exploration, 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 1303' FNL / 1209' FEL (NE NE)  
At proposed prod. zone SAME

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

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. line, if any) 23'

16. NO. OF ACRES IN LEASE 571.28

17. NO. OF ACRES ASSIGNED TO THIS WELL 160

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2547'

19. PROPOSED DEPTH 6400' (Wasatch)

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5053' Ungr. Gr.

22. APPROX. DATE WORK WILL START\*  
March 1, 1981

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	200'	125 sacks
8-3/4", 7-7/8"	4-1/2"	11.6#	6400'	Circulate cement back to surface

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

Please see attached supplemental information:

- (1) Survey Plat
- (2) BOP Program
- (3) BOP Schematic
- (4) Location Layout, Cut and Fill

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: 2-11-81  
BY: M. J. Mender

Gas Well Production Hookup to follow on Sundry Notice.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive sone 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 F. W. Heiser TITLE Drilling Manager DATE February 3, 1981

(This space for Federal or State office use)

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

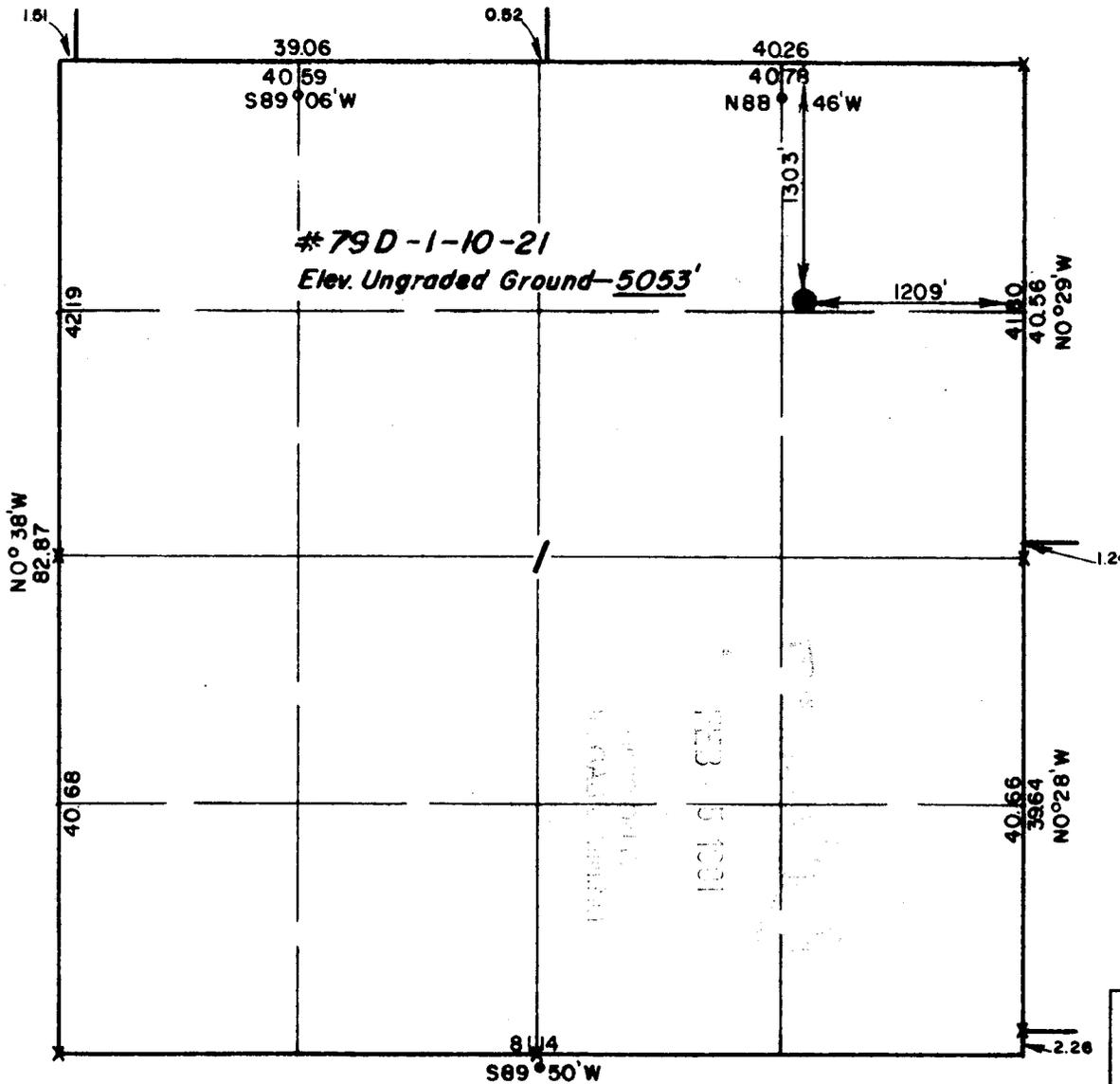
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

T10S , R21E , S.L.B.&M.

PROJECT  
**CIG EXPLORATION INC.**

Well location, #79D-1-10-21 located as shown in the NE1/4 NE1/4 Section 1, T10S, R21E, 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.

*Aene Stewart*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO 3154  
 STATE OF UTAH

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

SCALE 1" = 1000'	DATE 1 / 28 / 81
PARTY LT TJ FO	REFERENCES GLO Plat
WEATHER Fair	FILE CIG EXPLORATION INC.

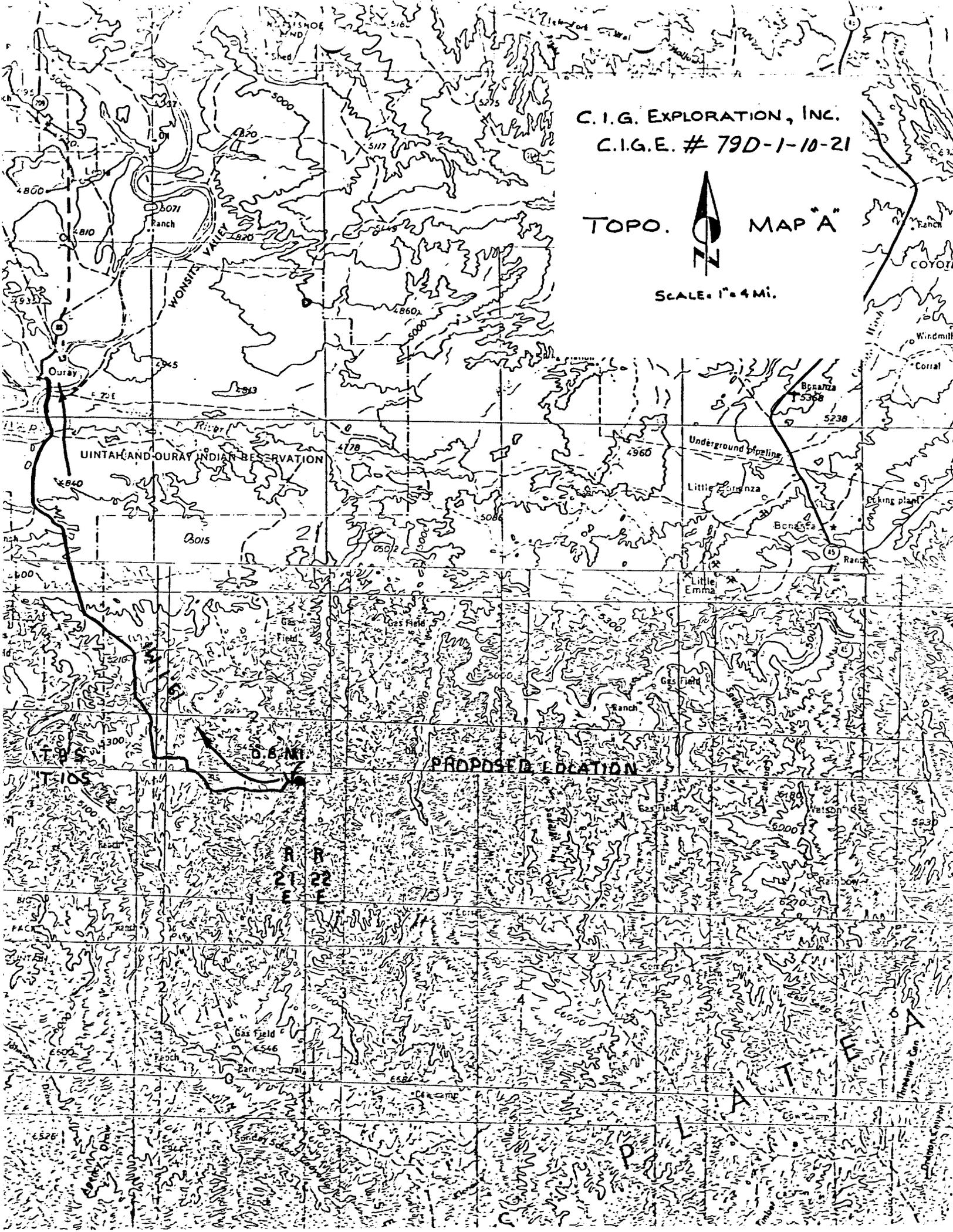
X = Section Corners Located

C. I. G. EXPLORATION, INC.  
C. I. G. E. # 79D-1-10-21



TOPO. MAP "A"

SCALE: 1" = 4 Mi.



PROPOSED LOCATION

D. 6 MI

T 10 S  
T 11 S

R 21 E  
R 22 E

PULASKI

**BLOWOUT PREVENTER PROGRAM:**

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.

<b>Bottom:</b>	3000# BOP W/4-1/2" pipe rams 3000# BOP W/blind rams 3000# Hydril
<b>Top:</b>	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 mud from surface to 4500' with a weight of 8.3 to 8.7 ppg. From 4500' to TD the well will be drilled with fresh water mud with a weight from 8.7 to 10.4 ppg.

**Auxiliary equipment to be used:**

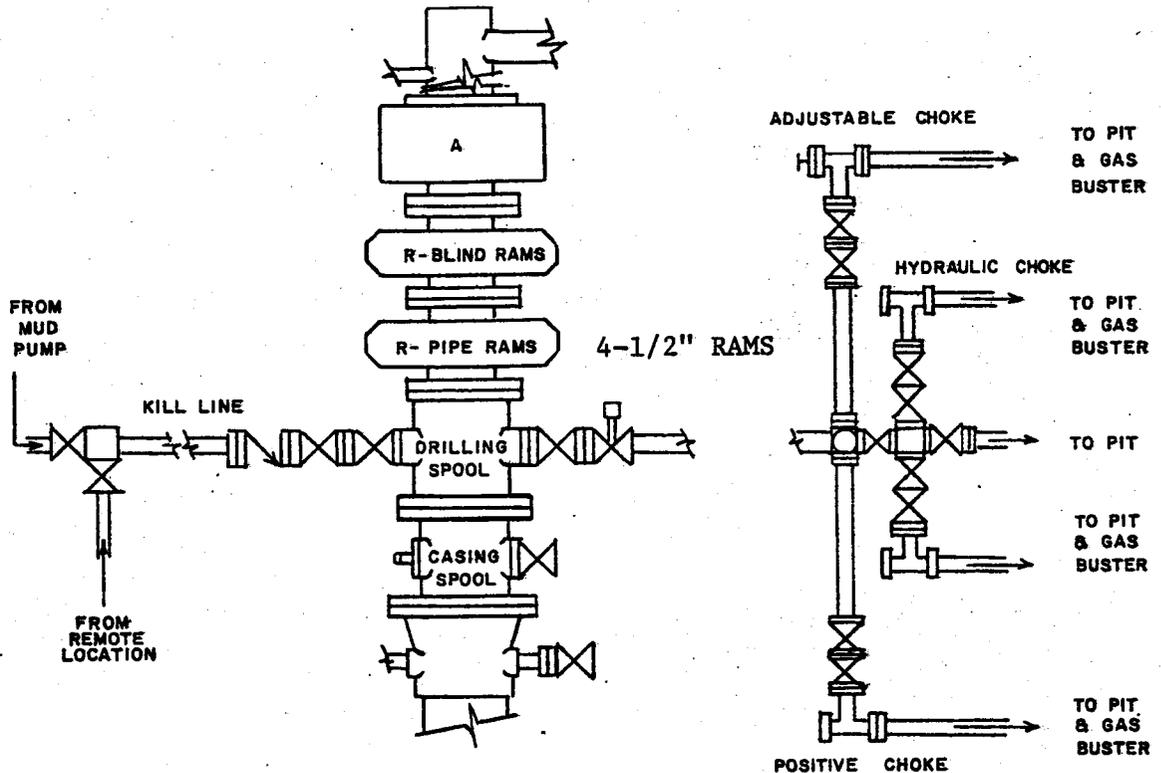
- a. kelly cock
- b. monitoring equipment on the mud system
- c. a sub with a full opening valve will be available on the floor to stab into the drill pipe when the kelly is not in the string.

FEB 8 1971

W. GADSDEN

3000 psi

Working Pressure BOP's

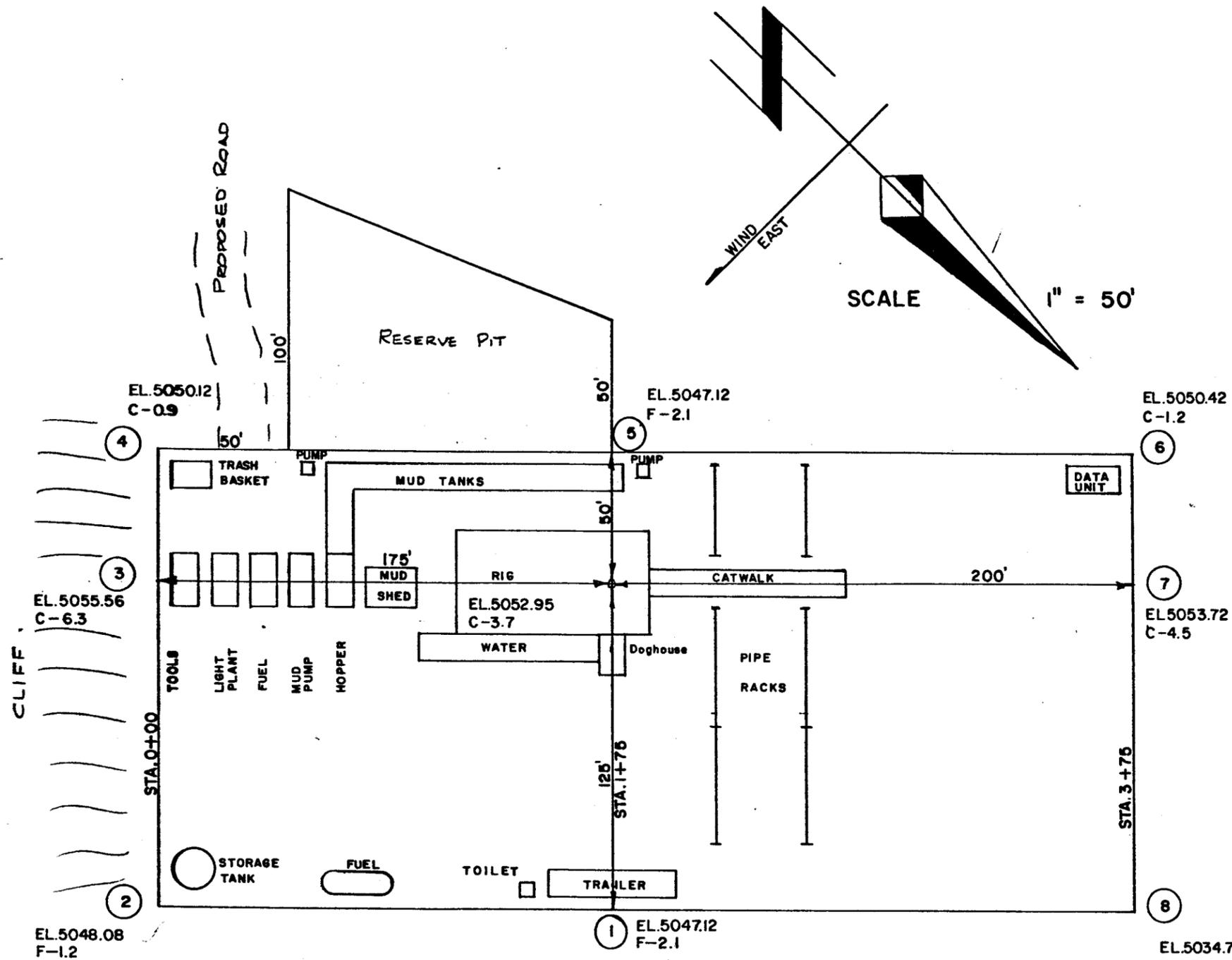


### Test Procedure

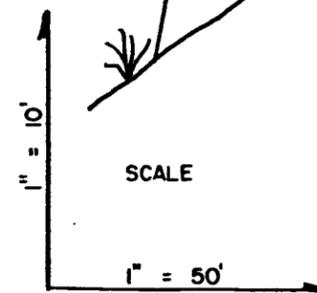
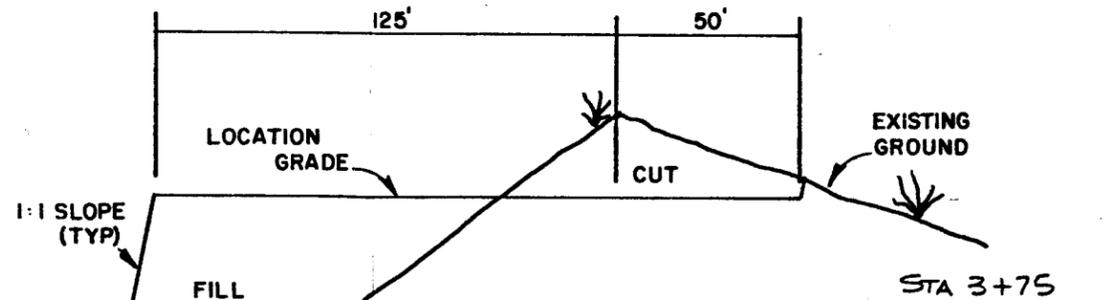
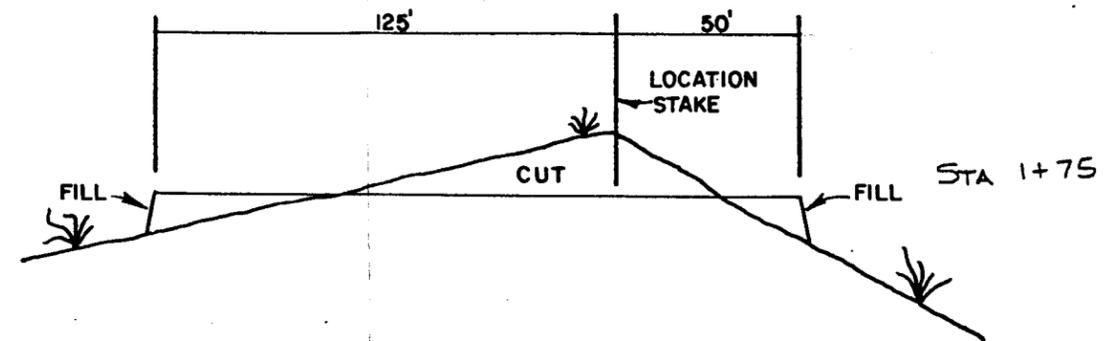
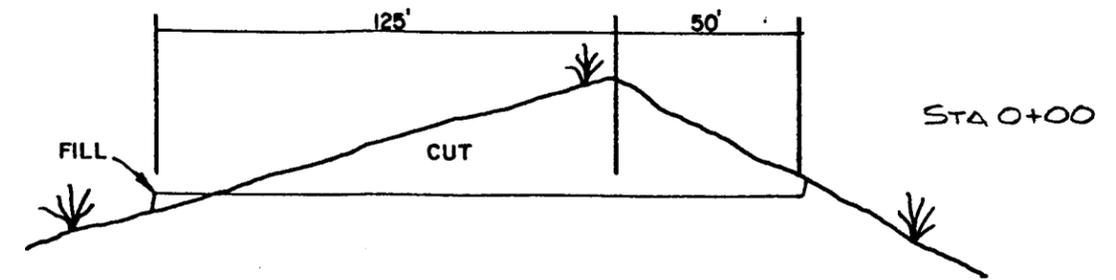
- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure:
  - a) inside blowout preventer
  - b) lower kelly cock
  - c) upper kelly cock
  - d) stand 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.

# CIG EXPLORATION INC.

#79D-1-10-21



CROSS SECTIONS

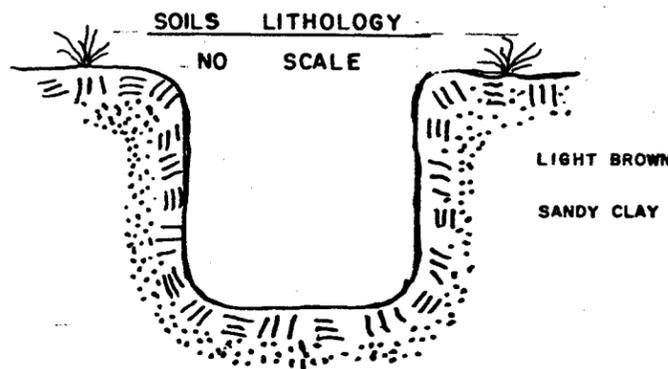
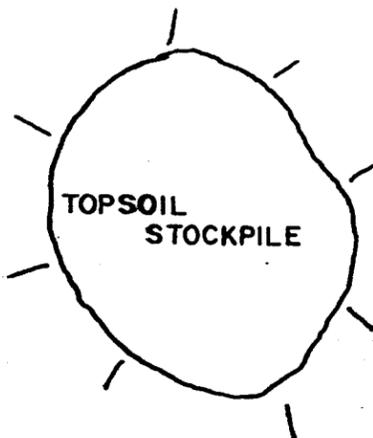


DIVISION OF  
CIVIL, GAS & MINING

APPROXIMATE YARDAGE

Cubic Yards of Cut - 3855.62

Cubic Yards of Fill - 3578.76



C.I.G. EXPLORATION, INC.  
C.I.G.E # 79 D-1-10-21

TOPO.  MAP "B"

SCALE 1" = 2000'

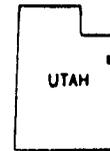
ROAD CLASSIFICATION

Medium-duty

Light-duty

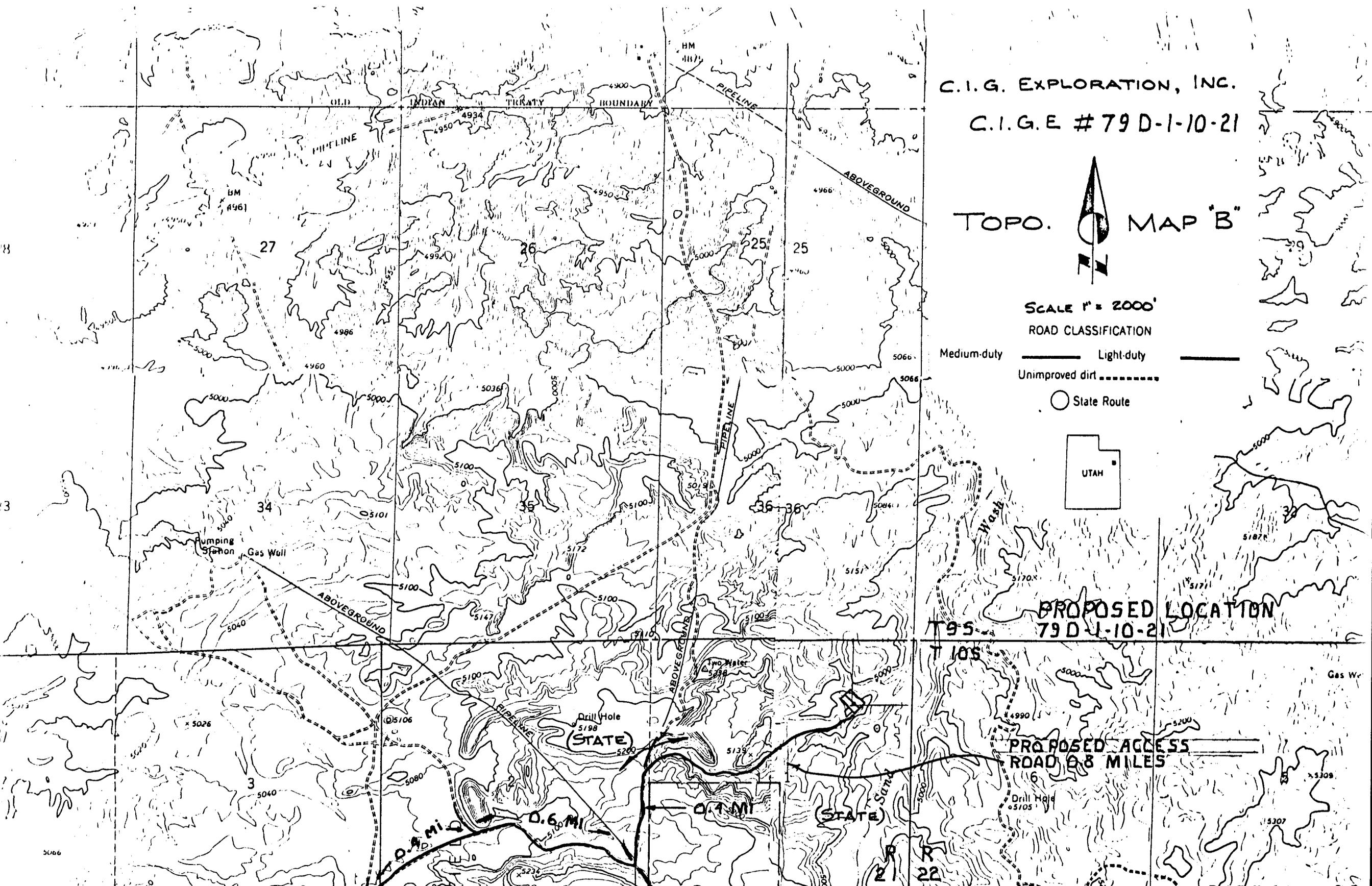
Unimproved dirt

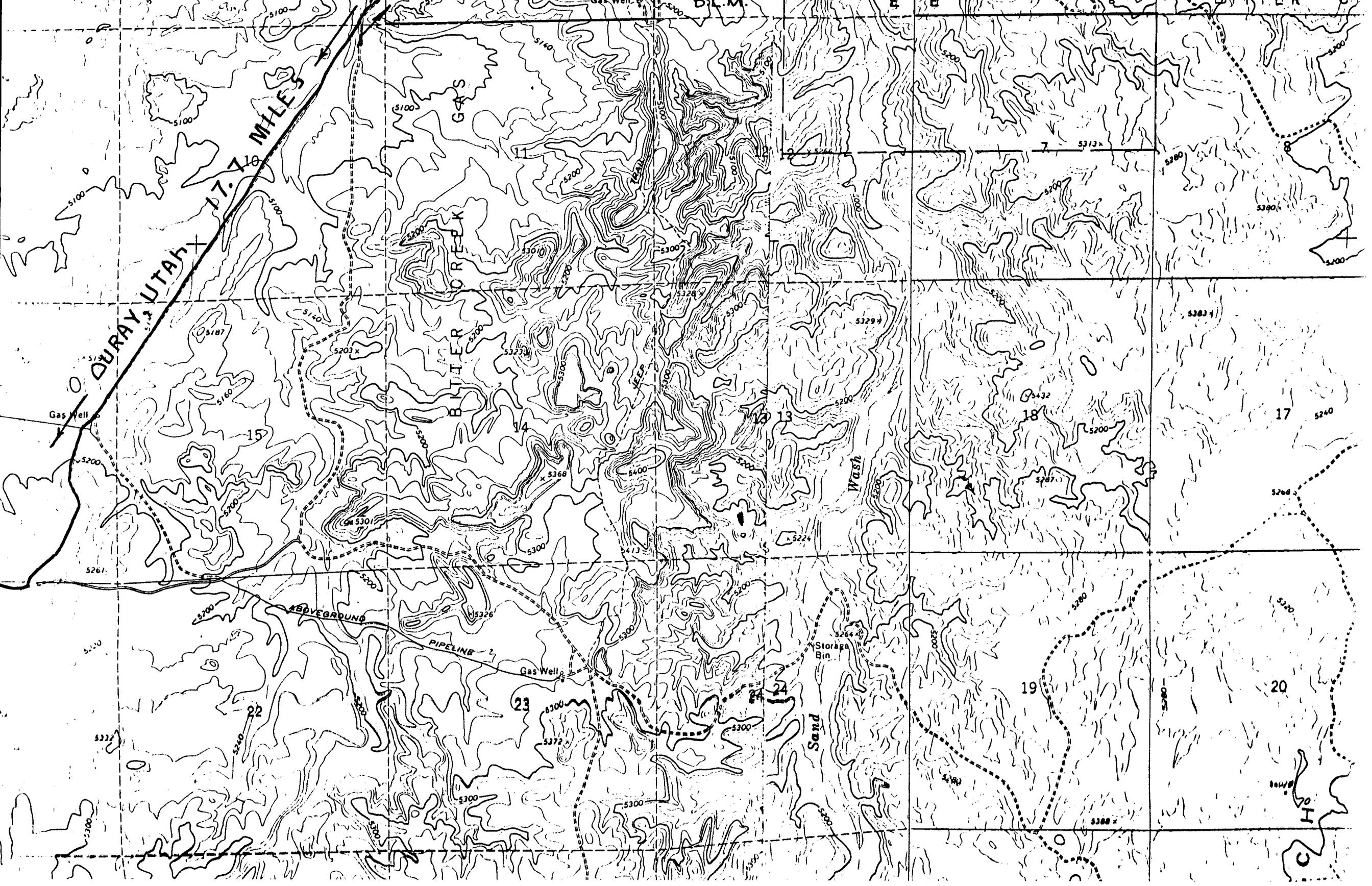
 State Route



PROPOSED LOCATION  
T 95  
79 D-1-10-21  
T 105

PROPOSED ACCESS  
ROAD 0.8 MILES





\*\* FILE NOTATIONS \*\*

DATE: Feb 10, 1981  
OPERATOR: CIG Exploration, Inc.  
WELL NO: CIGE #79D-1-10-21  
Location: Sec. 1 T. 10S R. 21E County: Wintah

File Prepared:  Entered on N.I.D:   
Card Indexed:  Completion Sheet:

API Number 43-047-30896

CHECKED BY:

Petroleum Engineer: M. J. Munder 2-11-81

Director: \_\_\_\_\_

Administrative Aide: Unit approval-ok on bndrys. for gas well  
ok on formation

APPROVAL LETTER:

Bond Required:  Survey Plat Required:

Order No. \_\_\_\_\_ O.K. Rule C-3

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

Lease Designation  Plotted on Map

Approval Letter Written

Hot Line  P.I.

February 13, 1981

CIG Exploration, Inc.  
P. O. Box 749  
Denver, Colorado 80201

Re: Well No. CIG 79D-1-10-21  
Sec. 1, T. 10S, R. 21E, NE NE  
Uintah County, Utah

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

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer  
Office: 533-5771  
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-30896.

Sincerely,

DIVISION OF OIL, GAS, AND MINING



Michael T. Minder  
Petroleum Engineer

/ko  
cc: Donald Prince, State Land Board

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

5. LEASE DESIGNATION AND SERIAL NO.	ML-23612
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.	CIGE 79D-1-10-21
10. FIELD AND POOL, OR WILDCAT	Natural Buttes Field
11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA	Section 1-T10S-R21E
12. COUNTY OR PARISH	Uintah
13. STATE	Utah

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1.  OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Coastal Oil & Gas Corporation

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
1303' FNL / 1209' FEL (NE NE)

14. PERMIT NO.  
43-047-30896

15. ELEVATIONS (Show whether OF, ST, OR, etc.)  
5053' Ungr. Gr.

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

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

(Other) Proposed Gas Well Prod. Hookup

(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.)

SUPPLEMENTAL TO APPLICATION FOR PERMIT TO DRILL

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

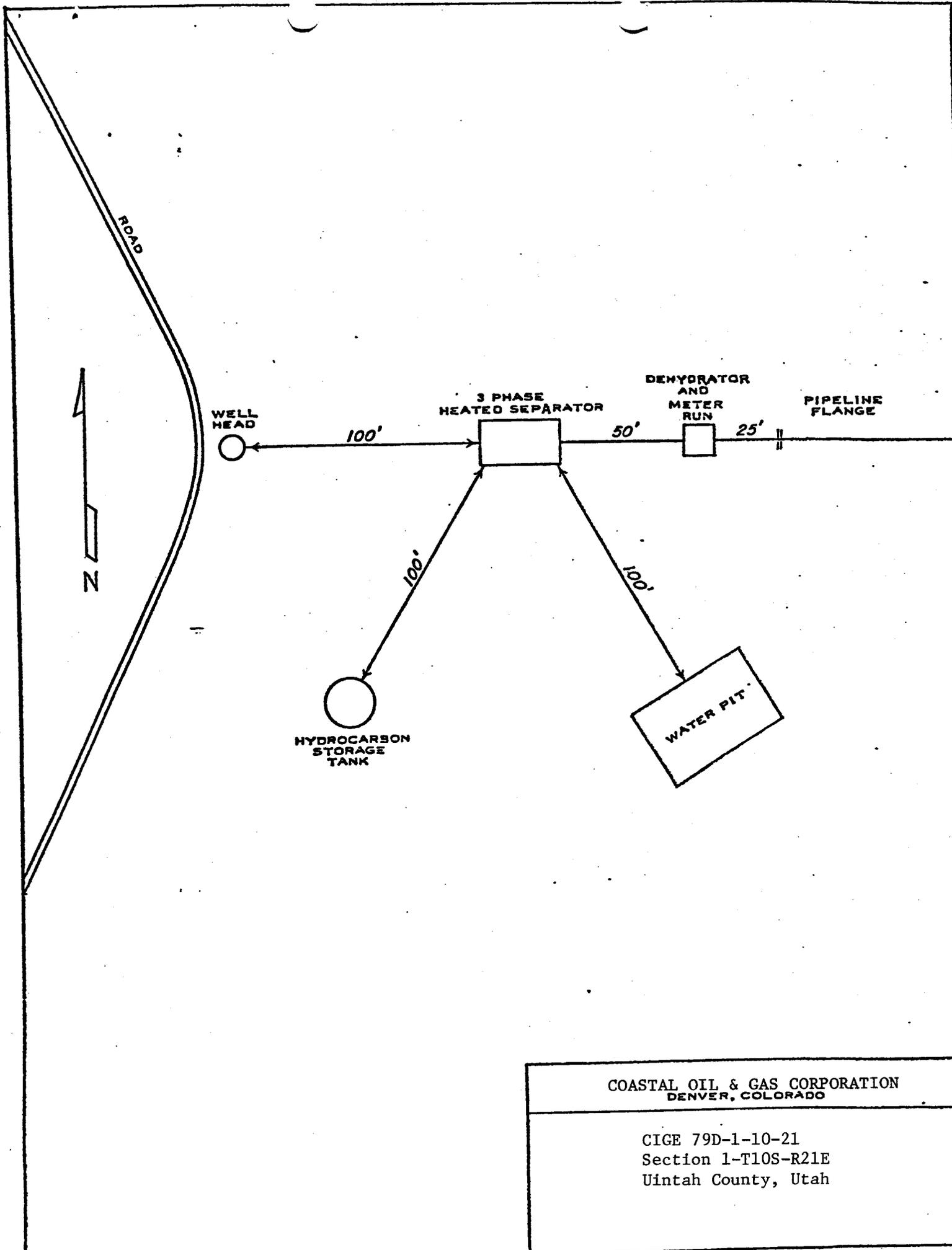
For On-Site Contact: Ira K. McClanahan at (303) 473-2300

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

SIGNED E. R. Midkiff TITLE District Prod. Manager DATE March 16, 1981  
E. R. Midkiff

(This space for Federal or State office use)

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



COASTAL OIL & GAS CORPORATION  
DENVER, COLORADO

CIGE 79D-1-10-21  
Section 1-T10S-R21E  
Uintah County, Utah



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

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

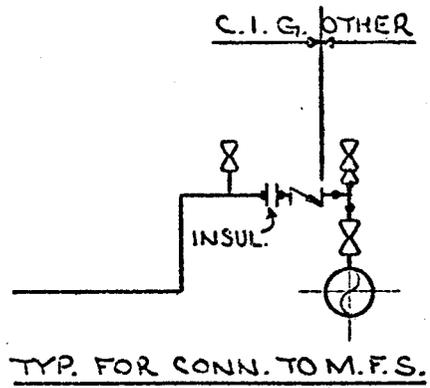
20' ±

O. C. Y. S.

EXIST. PIPELINE

ALTERNATE ANCHOR - BURY PIPELINE MIN. OF 18"

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



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

Colorado Interstate Gas Co.  
COLORADO SPRINGS, COLORADO

TYPICAL CONNECTION TO MAIN LINES AND PIPE ANCHOR DETAIL - NATURAL BUTTES FIELD  
JUNTA COUNTY, UTAH

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

115FP-1 1/8

ESTIMATE SKETCH

DATE: 2-6-81  
STARTING DATE: \_\_\_\_\_  
EST. COMP. DATE: \_\_\_\_\_  
 COMPANY  CONTRACT

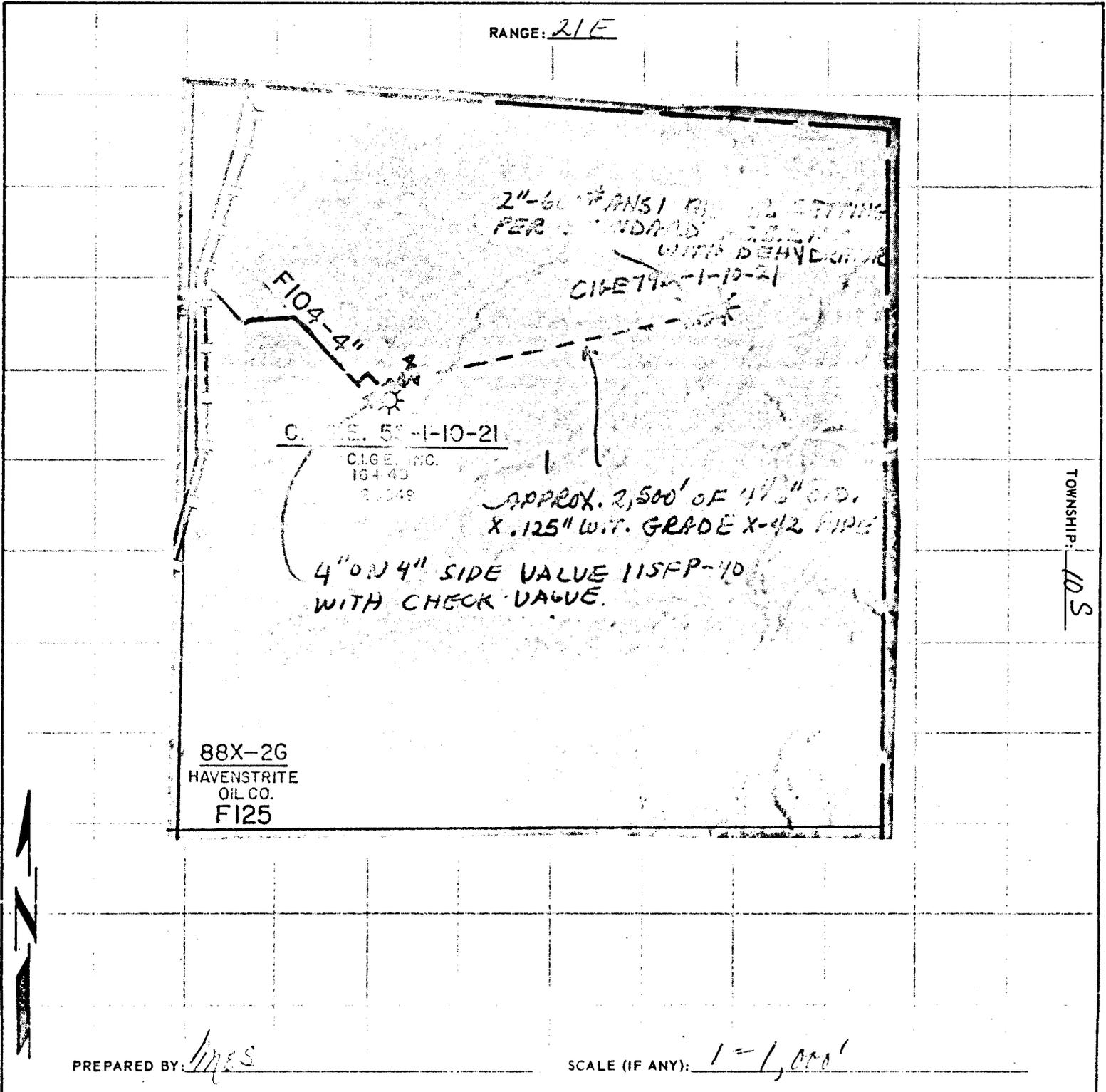
COLORADO INTERSTATE GAS COMPANY  
 \_\_\_\_\_

W O NO.: \_\_\_\_\_  
REVISION NO.: \_\_\_\_\_  
BUDGET NO.: \_\_\_\_\_  
RELATED DWG.: 115F4-1E

LOCATION: C NE Section 1-10S-21E COUNTY: Mintah STATE: Utah  
DESCRIPTION OF WORK: Connect COLE #792-1-10-21

Natural Buttes Field

REQUESTED BY: \_\_\_\_\_ APPROXIMATE MILEAGE: \_\_\_\_\_ PROJECT ENGINEER: J.K.



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

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

Upon approval of all concerned regulatory agencies, CIG proposes to install a surface flow line from CIGE #79D-1-10-21 in a westerly direction through the NE/4 of Section 1 and the NW/4 of Section 1, connecting to Line F104-4" in the NW/4 of Section 1, all in 10S-21E. The line will be approximately 2,500' long, as shown on the attached sketches.

Pipe will be 4-1/2" O.D. x .125" W.T., Grade X-42 EW. It will be butt-welded in place, using portable electric welding machines, and will be laid aboveground except where burial is necessary for road crossing, ditches, or other obstructions. Magnesium anodes will be installed at the dehydrator, meter setting, road crossings, underground piping at stream crossings, and at producer's separator for corrosion protection.

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

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

NOTICE OF SPUD

WELL NAME: CBE # 7D-1-10-21

LOCATION: NE 1/4 NE 1/4 SECTION 1 T-105 R-21E

COUNTY: Uintah STATE: Utah

LEASE NO.: MK-231612 LEASE EXPIRATION DATE: 9-1-71

UNIT NAME (If Applicable): Natural Buttes Unit

DATE & TIME SPURRED: 6/2/81 - 8:00 am

DRY HOLE SPUDDER: Ram Air Drilling

DETAILS OF SPUD (Hole, Casing, Cement, etc.): 12 1/4" hole. Drill to 200' GL. Run 5 JTS .9-5/8" 36# csg + set @ 200' GL. Cmt w/125 SX "G"

ROTARY RIG NAME & NUMBER: Allwestern #4

APPROXIMATE DATE ROTARY MOVES IN: 6/21/81

FOLLOW WITH SUNDRY NOTICE

USGS CALLED: DATE: June 23, 1981

PERSON CALLED: Vicki McAllister

STATE CALLED: DATE: June 23, 1981

PERSON CALLED: Debbie Beauregard

P

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: CIG Exploration, Inc.

WELL NAME: CIGE 79D-1-10-21

SECTION NE NE 1 TOWNSHIP 10S RANGE 21E COUNTY Uintah

DRILLING CONTRACTOR All-Western

RIG # 4

SPUDDED: DATE 6-21-81

TIME 8:00 a.m.

HOW dry hole

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

REPORTED BY Tracie Dawe

TELEPHONE # 572-1121 #269

DATE 6-23-81 SIGNED D. B.

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <small>(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.)</small>		5. LEASE DESIGNATION AND SERIAL NO. <b>ML-23612</b>
1. <b>OIL WELL</b> <input type="checkbox"/> <b>GAS WELL</b> <input checked="" type="checkbox"/> <b>OTHER</b> <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME  N/A
2. NAME OF OPERATOR <b>CIG Exploration, Inc.</b>		7. UNIT AGREEMENT NAME <b>Natural Buttes Unit</b>
3. ADDRESS OF OPERATOR <b>P. O. Box 749, Denver, Colorado 80201</b>		8. FARM OR LEASE NAME <b>Natural Buttes Unit</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) <b>At surface</b>  <b>1303' FNL / 1209' FEL (NE NE)</b>		9. WELL NO. <b>CIGE 79D-1-10-21</b>
14. PERMIT NO. <b>43-047-30896</b>		10. FIELD AND POOL, OR WILDCAT <b>Natural Buttes Field</b>
15. ELEVATIONS (Show whether DF, RT, OR, etc.) <b>5053' Ungr. Gr.</b>		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA <b>Section 1-T10S-R21E</b>
12. COUNTY OR PARISH <b>Uintah</b>		13. STATE <b>Utah</b>

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

NOTICE OF INTENTION TO :		SUBSEQUENT REPORT OF :	
TEST WATER SHUT-OFF <input type="checkbox"/>	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"/>	

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

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

Please see attached for additional details.

RECEIVED

JUN 25

DIVISION OF  
OIL, GAS & MINING

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

SIGNED *H. E. Aab* TITLE Dist Drilling Manager DATE June 23, 1981

(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  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

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.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. ML-23612
2. NAME OF OPERATOR CIG Exploration, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR P. O. Box 749, Denver, Colorado 80201		7. UNIT AGREEMENT NAME Natural Buttes Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1303' FNL / 1209' FEL (NE NE)		8. FARM OR LEASE NAME Natural Buttes Unit
14. PERMIT NO. 43-047-30896		9. WELL NO. CIGE 79D-1-10-21
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5053' Ungr. Gr.		10. FIELD AND POOL, OR WILDCAT Natural Buttes Field
		11. SEC., T., R., M., OR S.E. AND SURVEY OR AREA Section 1-T10S-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) <u>Operations</u> <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.)\*

Well spudded 6/21/81. Please see attached chronological for report of operations through 7/15/81.

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

SIGNED H. E. Aab TITLE District Drilling Manager DATE July 15, 1981

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

CIGE #79D-1-10-21-P (CIGE)  
 Natural Buttes Unit  
 Uintah County, Utah  
 AFE: 19832 WI: 100%  
 ATD: 6200' SD: 6-21-81  
 CIGE, Oper.  
 AllWestern #4, Contr.  
 9-5/8" @ 200'; 4 1/2" @ 6200';

LOCATION: 1303' FNL & 1209' FEL  
 NE NE, Sec 1-T10S-R21E.  
 Elev: 5053' GL (ungr)  
 TD: 6200'

- 7-4-81 4975'; (277'-22 hrs); Drlg.  
 Drl; RS; surv; work on pmp. BGG 995 units, CG 900 units. Drlg Brk: 4842-4856' 4 1/2/2 1/2/4 mpf, 600/800/500 units gas. MW 9.0, vis 33, WL 12, PV4, YP 8, Oil Tr, Sd Tr, Sol 4.7, pH 10.5, Alk 19. Mf 0.4, CL 3800, CA 70, Gels 1/2, Cake 2/32, MBT 12.5. Cum Csts: \$160,095.
- 7-5-81 5181'; (206'-20 1/2 hrs); Drlg.  
 Drl; surv & RS; mix LCM & cond mud. Lost circ @ 5166' w/2100 units gas. BGG 160 units, CG 180 units. MW 9.1, vis 40, WL 12, PV 12, YP 17, Oil Tr, Sd 1/2, Sol 5.5, pH 10, Alk 0.2, Mf 0.42, CL 4000, CA 60, Gels 4/10, Cake 2/32, MBT 15. (1° @ 5002'). Cum Csts: \$172,315.
- 7-6-81 5439'; (258'-23 1/2 hrs); Drlg.  
 Drl; RS, surv-MR. MW 9.1, vis 39, WL 9.4, PV 11, YP 7, Oil Tr, Sd 3/4, Sol 4.5, pH 10, Alk 0.87, Mf 2.18, CL 3700, CA 62, Gels 3/7, Cake 2/32, MBT 15. Cum Csts: \$182,765.
- 7-7-81 5670'; (231'-23 hrs); Drlg.  
 Drl; RS; surv. 7-6-81 mud log: BGG 100 units, CS 275 units. Drlg Brks: 5262-5274' 4.5/2.5/4.5 mpf, 200/1150/100 units gas; 5306-6316' 6/3.5/7 mpf, 100/300/100 units gas; 5360-5366' 6.5/3/6.5 mpf, 75/400/75 units gas; 5402-5420' 5/3/5 mpf, 75/350/100 units; 5474-5482' 5/2.5/4.5 mpf, 100/430/200 units gas. 7-7-81: BGG 180 units, CG 210 units. Drlg Brks: 5474-5482' 5/2.5/4.5 mpf, 100/430/200 units gas; 5552-5570' 4/2/5 mpf, 100/1060/200 units; 5612-5618' 5/2/6.5, 100/200/150 units gas. MW 9.3, vis 36, WL 9.6, PV 10, YP 4, Oil Tr, Sd 3/4, Sol 5.5, pH 9.5, Alk .76, Mf 1.82, CL 2900, CA Tr, Gels 2/6, Cake 2/32, MBT 15. (1° @ 5482'). Cum Csts: \$192,443.
- 7-8-81 5829'; (159'-15 hrs); Drlg.  
 Drl; RS; trip; drl. MW 9.3, vis 38, WL 9.4, PV 10, YP 4, Oil Tr, Sd 1/2, Sol 5.5, pH 9, Alk 0.53, Mf 1.54, CL 2100, CA Tr, Gels 4/8, Cake 2/32, MBT 15, Cr 600. (1° @ 5482'). Cum Csts: \$20,796.
- 7-9-81 6075'; (246'-23 1/2 hrs); Drlg.  
 Drl; RS; drl. MW 9.5, vis 39, WL 9.2, PV 10, YP 4, Oil Tr, Sd 1/2, Sol 5.5, pH 9.0, Alk .54, Mf 1.54, CL 2100, CA Tr, Gels 4/8, Cake 2/32, MBT 15, Cr 600. Cum Csts: \$230,638.
- 7-10-81 TD 6200'; (125'-13 1/2 hrs); Logging w/Schlumberger.  
 Drl; short trip; circ & cond; TOH; log. Logger TD 6198'; reached TD 6200' @ 7:30 PM 7-9-81. MW 9.5, vis 57, WL 7.8, PV 19, YP 14, Oil Tr, Sd 1/2, Sol 6.5, pH 9.5, Alk 0.60, Mf 0.21, CL 2200, CA 80, Gels 4/9, Cake 2/32, Cr 600, MBT 17.5. Cum Csts: \$241,828.
- 7-11-81 TD 6200'; Circ 4 1/2" csg; Prep to cmt.  
 Log; TIH; circ & cond; LD DP & DC; run 4 1/2" csg. Schlumberger ran DIL-SFL-GR-Comp Neutron Form Dens-Cyberlook to their TD 6198'; will set csg @ 6200'. MW 9.8, vis 55, WL 6, PV 20, YP 22, Oil Tr, Sd 1/2, Sol 8 1/2, pH 9, Alk 0.53, Mf 2.8, CL 300, CA 90, Gels 4/10, Cake 2/32, Cr 650, MBT 17 1/2. Cum Csts: \$263,308.
- 7-12-81 TD 6200'; RD RT.  
 Run 4 1/2" csg; circ; cmt 4 1/2" csg. Ran 151 jnts 4 1/2" 11.6# 8rd N-80 LT&C Rg 3 csg; cent @ 6160' & every jnt next 4 jnts; BJ cmt: Pmpd 36 bbl mud sweep & 10 bbl fresh wtr & 1210 sx 50/50 Poz w/8% gel, 2% salt, 1/4#/sk Gilsonite, 1/4#/sk Flocele; follow w/670 sx 50/50 Poz, 2% gel, 2% salt, 1/4#/sk Flocele; displ w/100 bbl 5% KCl wtr; plug did not bump, float did not hold; spacer wtr to surf, no cmt to surf. Note: Dur last 10 bbl of displ, press drpd f/1500 psi to 500 psi; job fin @ 12:00 Noon 7-11-81; RD & clean mud tanks. Cum Csts: \$296,451.
- 7-13-81 TD 6200'; Moving rig.  
 Rig rel 12:00 Mid 7-11-81. Move to CIGE 78C. Cum Csts: \$302,911. Drop f/report; WO CU.
- 7-14-81 WO CU.

CIGE #79D-1-10-21-P (CIGE)

Natural Buttes

Uintah County, Utah

AFE: 19832 WI: 100%

ATD: 6200' SD: 6-21-81

CIGE, Oper.

Allwestern #4, Contr.

9-5/8" @ 200';

LOCATION: 1303' FNL & 1209' FEL  
NE NE, Sec 1-T10S-R21E.  
Elev: 5053' GL (ungr)

- 6-21-81 PU DC.  
RU RT; tst BOP & csg to 500 psi; MU BHA. Spud 3:30 AM 6-21-81. Drlg w/wtr.  
Cum Csts: \$33,554.
- 6-22-81 861'; (861'); TOH to unplug bit.  
PU DC; drl cmt 175-200'; drl new form; surv; LCM (mixing). Lost circ @  
703'; @ 810' 100% loss. Mud coming out of side of mtn; will cmt today w/200 sx.  
Drlg w/wtr. ( $\frac{1}{2}^{\circ}$  @ 400') ( $\frac{3}{4}^{\circ}$  @ 680'). Cum Csts: \$38,104.
- 6-23-81 925'; (460'-8 $\frac{1}{2}$  hrs); Drlg cmt @ 500'.  
Drl form; WOC - both jobs; drl cmt; cmt; trip. Est lost circ zn 240'; not  
losing any fl. 1st cmt job 880'-TD w/150 sx, tag @ 496'; 2nd cmt job w/100 sx tag @  
220'; held wtr; cmt w/Howco. (Still little trickle out of hillside). Drlg w/wtr.  
Cum Csts: \$49,011.
- 6-24-81 1417'; (533'-17 hrs); Drlg.  
Drl cmt; drl. Drl'd cmt f/500-925'; now have full retns. Drlg w/wtr. Cum  
Csts: \$55,471.
- 6-25-81 1774'; (361'-19 $\frac{1}{2}$  hrs); WOC.  
Drl; RS; drl; surv; TOH; cmt w/250 sx Cl "H", 3% CaCl,  $\frac{1}{4}$ #/sk Flocele, 10#/sk  
Gilsonite; plug set @ 1400' by Howco; WOC. Mud = wtr. ( $1^{\circ}$  @ 1465'). Cum Csts: \$61,931.
- 6-26-81 1978'; (204'-8 hrs); Drlg w/no retns.  
WOC; trip; drl cmt stringers; drl w/full retns. Tag cmt @ 981'; start  
circ & start drlg w/full retns; drl cmt stringers back to 1600'; clean out to 1774'  
w/full retns & made 100' new hole; lost circ @ 1850'; now drlg w/o retns. Mud = wtr.  
Cum Csts: \$74,778.
- 6-27-81 2000'; (22'-2 hrs); WOC.  
Drl; trip; cmt w/Howco, plug #2 w/250 sx Cl "G", 3% CaCl,  $\frac{1}{4}$ #/sk Flocele &  
10#/sk Gilsonite @ 1400'; WOC; TIH to 500'; cmt w/Howco, plug #3 w/150 sx Cl "G", 3%  
CaCl,  $\frac{1}{4}$ #/sk Flocele, 10#/sk Gilsonite; pmp plug @ 500'; WOC @ 1:00 AM. Mud = wtr.  
Cum Csts: \$81,238.
- 6-28-81 2000'; (0'); Drlg cmt @ 1000'.  
WOC; drl cmt, tagged cmt @ 305'; drlg w/100% circ @ 1000'. Mud = wtr. Cum  
Csts: \$87,698.
- 6-29-81 2565'; (565'-13 $\frac{1}{2}$  hrs); Drlg.  
Drl cmt to btm @ 2000'; RS; drl. Mud = wtr. Cum Csts: \$111,752.
- 6-30-81 3322'; (757'-23 hrs); Drlg.  
Drl; inst rot head; RS; drl. BGG 700 units, CG 1150 units. Mud = wtr. Cum  
Csts: \$119,815.
- 7-1-81 3754'; (432'-13 $\frac{1}{2}$  hrs); Drlg.  
Drl; RS; circ sweep; trip & LD 3 DCs; wash 120' to btm. BGG 1300 units,  
CG 2000 units. Drlg Brk: 3276-86' 1300-1500-1000 units. Wtr flw @ 3640', BGG 600  
units. (Lost Totco in collars, had to LD to find Totco - lodged in 3rd DC). MW 8.4,  
vis 27, drlg w/wtr. Cum Csts: \$126,542.
- 7-2-81 4309'; (555'-23 $\frac{1}{2}$  hrs); Drlg.  
Drl; RS. BGG 475 units, CG 950 units. Drlg Brk: 4116-4123' 4/2/4 mpf,  
500/600/400 units. MW 9.0, vis 32. ( $1^{\circ}$  @ 3785'). Cum Csts: \$133,502.
- 7-3-81 4698'; (389'-23 $\frac{1}{2}$  hrs); Drlg.  
Drl; RS. BGG 500 units, CG 900 units. Tr oil on shaker,  $\frac{1}{2}$  cup/hr oil.  
Note: Oil on pits @ above 3000', good cuts & flour 3000-3400', fair cuts & flour  
3600-3700', Tr to fair cut oil 3700-4090', no flour or cut after 4090'; 3000-3620'  
making 2 gal/hr oil (blk), 3620-4100' 1 gal/hr oil (green). MW 9.1, vis 33, WL 12,  
PV 6, YP 6, Oil Tr, Sd Tr, Sol 5, pH 10.5, Alk 0.25, Mf 0.40, CL 4700, CA 80, Gels  
1/3, Cake 2/32, MBT 12.5. ( $2\frac{1}{2}^{\circ}$  @ 4014'). Cum Csts: \$149,275.

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. ML-23612
2. NAME OF OPERATOR CIG Exploration, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR P. O. Box 749, Denver, Colorado 80201		7. UNIT AGREEMENT NAME Natural Buttes Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1303' FNL / 1209' FEL (NE NE)		8. FARM OR LEASE NAME Natural Buttes Unit
14. PERMIT NO. 43-047-30896	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5053' Ungr. Gr.	9. WELL NO. CIGE 79D-1-10-21
		10. FIELD AND POOL, OR WILDCAT Natural Buttes Field
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Section 1-T10S-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) <u>Operations</u>	<input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

Please see attached chronological for report of operations August 16 through September 15, 1981.

DIVISION OF  
OIL, GAS & MINING

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

SIGNED H. E. Aab TITLE District Drilling Manager DATE Sept. 17, 1981

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

CIGE #79D-1-10-21-P (CIGE)  
 Natural Buttes Unit  
 Uintah County, Utah  
 AFE: 19832 WI: 100%  
 ATD: 6200' SI: 6-21-81  
 CIGE, Oper.  
 AllWestern #4, Contr.  
 9-5/8" @ 200'; 4 1/2" @ 6200;

LOCATION: 1303' FNL & 1209' FEL  
 NE NE, Sec 1-T10S-R21E.  
 Elv: 5053' GL (ungr), KB=10'  
 TD: 6200'  
 PBDT: 6007'  
 Perf: 4884-5910' (15 holes)

- 8-27-81 Prep to TIH w/3 1/2" bit & csg scraper to drill cmt  
 TIH w/4 1/2" packer & check for csg leak-found leak @ 765'; POH w/tbg & packer  
 collars 716'; 758' @ tally & CCL; body leak; squeezed hole w/538 sx class G cmt down  
 4 1/2" csg @ 0-50 psi surf.; circ. cement through braiden head after 215 sx; close  
 head & squeezed 315 sx behind 4 1/2" cst-SD; check annulus- s/i vacuum 5 min @ 0 psi;  
 Flush braiden head w/wtr. SI well & SDFN. Csts: \$12555.
- 8-28-81 RIH w/3 1/2" mill tooth bit & casing scraper; tag cement @ 340'; RU power swivel  
 & drill cement to 540' - stopped making hole; RD power swivel & TOH w/bit -  
 teeth chipped & worn; PU 3 3/4" mill & RIH to top cement @ 540'; RU power swivel;  
 SDFN. CstsL \$22593.
- 8-29-81 TD 6200'; PBDT 4737'; Drlg out cmt after squeezing csg leak.  
 Start milling; TOH & LD mill; PU & RIH w/2 DC, csg scr & 3-3/4" bit; tag cmt  
 @ 550'; RU power swivel & drl to 680'; SDFN. Cum Csts: \$26,259.
- 8-30-81 TD 6200'; PBDT 4785', FC 6160'.  
 Start drlg @ 680'; drl up plug @ 765'; circ hole clean; RIH & tag btm @  
 4785'; POH 2 stds & SDFN.
- 8-31-81 TD 6200'; PBDT 4785', FC 6160'; Prep to drl out cmt.  
 SDFS. Cum Csts: \$29,671.
- 9-1-81 TD 6200'; PBDT 6160' FC; Fin TIH w/mill to drl cmt to 6000'.  
 Drl to 5033' w/bit & csg scr; POH & LD bit & DC; PU 3-3/4" mill & TIH w/162  
 jnts 2-3/8" tbg; SDFN. Cum Csts: \$33,771.
- 9-2-81 TD 6200'; PBDT 5101'; Mill cmt.  
 Fin RIH w/mill & csg scr; TOC 5002'; mill to 5101'; 50-55 RPM, 4-6000# WOB.  
 Cum Csts: \$37,270.
- 9-3-81 TD 6200'; PBDT 5285'; Mill on cmt.  
 Mill cmt f/51-1-5285' (184'-11 hrs); SDFN. 169 jnts 2-7/8" tbg, 3-3/4" mill  
 & csg scr in hole. Cum Csts: \$40,828.
- 9-4-81 TD 6200'; PBDT 5640'; Drlg cmt w/mill & csg scr.  
 Mill 355'-12 hrs; PBDT 5640'; wt on mill 4-6000#, RPM 65, 2-3 BPM fl circ.  
 Cum Csts: \$44,753.
- 9-5-81 TD 6200'; PBDT 6007'; SD.  
 Mill cmt w/mill & csg scr f/5640-6007' (367'-12 hrs).
- 9-6-81 SDFWE.
- 9-7-81 SDFWE.
- 9-8-81 TD 6200'; PBDT 6007'; Press tst csg to 1000 psi.  
 SD f/Labor Day. Cum Csts: \$48,553.
- 9-9-81 Prep to mill cmt.  
 Attempt to press tst to 1000 psi - brk dwn @ 600 psi & pmp @ 1 BPM @ 500  
 psi; POH w/mill & csg scr; PU 4 1/2" pkr; RIH & found leak between 760-775'; POH; set  
 pkr @ 500'; RU Howco & squeeze; est rate w/wtr @ 1 BPM, 475#; start pmpg cmt, 35 sx  
 C1 "H" w/2% CaCl<sub>2</sub> & 3% NaCl; rate decr to 1/2 BPM @ 600 psi, press incr to 900 psi; tot  
 flush 4 BW, 3 bbl @ 1/2 BPM, 1000 psi, 1 bbl @ 1/2 BPM, 1100 psi; bled press off tbg - no  
 flw; rel pkr & TOH; press tst csg to 250 psi & leave on; SDFN. Cum Csts: \$54,397.
- 9-10-81 Prep to press tst to 1000 psi, FOH & log.  
 PU mill & csg scr w/4 DC; TIH & tag cmt @ 607'; RU power swivel & mill to  
 770', tot 163'; RIH to 6000' & circ w/5% KCl wtr; start POH w/tbg, mill & csg scr;  
 pulled 48 jnts; SDFN. Cum Csts: \$60,071.

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML-23612
2. NAME OF OPERATOR CIG Exploration, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR P. O. Box 749, Denver, Colorado 80201		7. UNIT AGREEMENT NAME Natural Buttes Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1303' FNL / 1209' FEL (NE NE)		8. FARM OR LEASE NAME Natural Buttes Unit
14. PERMIT NO. 43-047-30896	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5053' Ungr. Gr.	9. WELL NO. CIGE 79D-1-10-21
		10. FIELD AND POOL, OR WILDCAT Natural Buttes Field
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 1-T10S-R21E
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

RECEIVED  
AUG 20 1981  
DIVISION OF OIL, GAS & MINING

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

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

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

Please see attached chronological for report of operations 7/16/81-8/15/81.

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

SIGNED H. E. Aab TITLE District Drilling Manager DATE August 17, 1981

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

CIGE #79D-1-10-21-P (CIGE)  
 Natural Buttes Unit  
 Uintah County, Utah  
 AFE: 19832 WI: 100%  
 ATD: 6200' SD: 6-21-81  
 CIGE, Oper.  
 AllWestern #4, Contr.  
 9-5/8" @ 200'; 4½" @ 6200';

LOCATION: 1303' FNL & 1209' FEL  
 NE NE, Sec 1-T10S-R21E.  
 Elev: 5053' GL (ungr), KB = 10'  
 TD: 6200'  
 PBTB: 4737'

7-15-81 TD 6200'; PBTB 4737'; WO CU.  
 Ran slickline to check PBTB; found PBTB @ 4737'. TD = 6200'. Cum Csts:  
 \$254,685 (corr & up-dated).

7-16-81 thru 7-24-81 WO CU.

7-25-81 TD 6200'; PBTB 4737'; SDFWE.  
 MI RU Utah Well Service; NU BOP; set pmp & flat tank. Cum Csts: \$1400.

7-26-81 SDFWE.

7-27-81 Prep to TIH & drl cmt w/mill (3-7/\*" & csg scr.  
 SDFS.

7-28-81 Prep to run Csg Inspection/Caliper log.  
 Road to loc; RU; press tst to 1500 psi. MP 200 psi; pmpd 25-30 bbl 5% KCl wtr  
 @ 2½ - 3 BPM & 175#; SD; WOO. Will run McCullough GR-CCL & Csg Inspection log in AM.  
 Cum Csts: \$3250.

7-29-81 WO procedure.  
 RU McCullough to run GR-CCL & Csg Inspection log; set dwn on obstruction  
 @ 179' w/GR-CCL; work tool to 230'; run log 230' to surf - shows 1 & possibly 2 csg  
 parts; SI; RD SU.

7-30-81 SD oper; possible csg part.

7-31-81 After logging RD & WOO.  
 WOO after logging & possible loc & csg prob.

8-1-14-81 SD oper; possible csg part.

8-15-81 TD 6200'; PBTB 4737' WL; SD f/possible csg split.  
 MI RU Colo Well Service; run 3½ lead impression block to 283' (293' KB) -  
 no problems, no impression. Cum Csts: \$850.

8-16-17-81 SD oper; possible csg split.

8-18-81 SD w/csg problem. Drop f/report until further activity.

8-20-81 thru 8-24-81 SD.

8-25-81 6200'  
 MIRU Utah well service; NU BOP's - spot flat tank & rig pump; PU  
 3½" bit & X-over to 2 3/8"; start TIH & dropped bit X-over & 1 jt 2 3/8" tubing;  
 TIH w/ 2 3/8" tubing & tagged fish @ 4788'; screwed into fish & recovered;  
 TOOH w/fish on 2 3/8" tubing; SDFN. Csts: \$6915.

8-26-81 6200'; Prep to RIH w/packer to isolate csg leak  
 RIH w/ 3½" bit on 2 3/8" tubing & circ dwn tbg & up csg - csg annulus  
 w/bit at 1000' - returns after 10 bbls. - no mud returns; SI 9 5/8" csg & circ hole  
 - 40# on 9 5/8" csg; finish RIH tagged btm at 4739'; circ hole w/150# or 9 5/8";  
 RU power swivel & drill cement wiper plug to 4785' - circ btms up; RD power  
 swivel and TOH w/bit & tubing. SDFN. Csts: \$8315.

SUBMIT IN DUPLICATE\*

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

(See other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

ML - 23612

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.

CIGE 79D-1-10-21

10. FIELD AND POOL, OR WILDCAT

NATURAL BUTTES FIELD

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

SECTION 1-T10S-R21E

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

WELL COMPLETION OR RECOMPLETION REPORT

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

CIG EXPLORATION, 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 1303' FNL 1209' FEL (NE NE)

At top prod. interval reported below SAME

At total depth SAME

14. PERMIT NO.

43-047-30896

DATE ISSUED

2-13-81

15. DATE SPUNDED

6-21-81

16. DATE T.D. REACHED

7-10-81

17. DATE COMPL. (Ready to prod.)

9-24-81

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

5053' Ungr. Gr.

19. ELEV. CASINGHEAD

-

20. TOTAL DEPTH, MD & TVD

6200'

21. PLUG, BACK T.D., MD & TVD

6007'

22. IF MULTIPLE COMPL., HOW MANY\*

N/S

23. INTERVALS DRILLED BY

0-TD

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

4884' - 5910' WASATCH

25. WAS DIRECTIONAL SURVEY MADE

YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL - FDC - CNL

27. WAS WELL CORRED

NO

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	200'	12 1/2"	125 SX	
4 1/2"	11.6#	6200'	7-7/8"	1880 SX	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	897'	897'

31. PERFORATION RECORD (Interval, size and number) PERF w/3-1/8"

CSG. GUN AS FOLLOWS:

4884' 5511' 5594'  
 4886' 5512' 5648' (2)  
 5297' (2) 5590' 5910' (2)  
 5398' (2) 5592' TOTAL: 15 HOLES

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4884' - 5910'	BRKDNW w/3000 GAL KCl WTR. FRAC w/60000 GAL GEL & 120,000# 20/40 SAND

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
9-24-81	FLOWING	SI WOPLC					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-24-81	24	16/64"	→	-	700	1	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
550	0	→	-	700	1	-	

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

VENTED

TEST WITNESSED BY

KARL ODEN

35. LIST OF ATTACHMENTS

NONE

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

SIGNED W. J. Gooden  
W. J. GOODEN

TITLE PRODUCTION ENGINEER

DATE OCTOBER 2, 1981

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

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 38, 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	NAME
TOP	NEAR. DEPTH
BOTTOM	TOP
DESCRIPTION, CONTENTS, ETC.	SUB VERT. DEPTH
	GREEN RIVER 1349'
	WASATCH 4516'
	+3719'
	+552'

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

\*REPORT OF WATER ENCOUNTERED DURING DRILLING\*

Well Name & Number CIGE #79D-1-10-21-P

Operator CIG EXPLORATION, INC. Address P. O. BOX 749, DENVER, CO 80201

Contractor WESTURNE BROS. Address 1612 TREMONT PL, DENVER, CO 80202

Location NE 1/4 NE 1/4 Sec. 1 T: 10S R. 21E County UINTAH

Water Sands

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	From	To	Flow Rate or Head	Fresh or Salty
1.	3640'		not reported	not reported
2.				
3.				
4.				
5.				

(Continue of reverse side if necessary)

Formation Tops

GREEN RIVER FORMATION 1349' (+3719')  
WASATCH FORMATION 4516' (+552')

Remarks

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



CIGE #79D-1-10-21-P (CIGE)  
 Natural Buttes Unit  
 Uintah County, Utah  
 AFE: 19832 WI: 100%  
 ATD: 6200' SD: 6-21-81  
 CIGE, Oper.  
 AllWestern #4, Contr.  
 9-5/8" @ 200'; 4½" @ 6200';

LOCATION: 1303' FNL & 1209' FEL  
 NE NE, Sec 1-T10S-R21E.  
 Elev: 5053' GL (ungr), KB = 10'  
 TD: 6200'  
 PBTB: 6000'  
 Perf: 4884-5910' (15 holes)

9-11-81 TD 6200'; PBTB 6000' WL.

FOH & LD tbg, csg scr & mill; press tst csg to 1000 psi; RU Welex & run CBL w/GR-CCL f/6000' to surf - showed primary cmt 6000-5400' w/spotty cmt 4300-2500', free pipe above 2500'; squeeze showed f/735-780'; SDFN. Cum Csts: \$66,291.

9-12-81 Prep to brk dwn.

RIH w/Bak Lok-set pkr & set @ 850'; press tst csg to 6000 psi; TOH w/pkr; RU Welex & perf 3/1/8" csg gun per procedure: 4484' (1), 4886' (1), 5297' (2), 5398' (2), 5511' (1), 5512' (1), 5590' (1), 5592' (1), 5594' (1), 5648' (2), 5910' (2) (15 holes), Neutron Density depths; had 1 misfire resulting in extra run. RIH w/Bak Lok-set pkr & set @ 897'; land tbg, no SN; ND BOP, NU tree; SDFN. Cum Csts: \$84,619.

9-13-81 Flw to pit after brkdwn.

RU Western & brk dwn w/3000 gal 5% KCl wtr; SITP 750#; start to pmp @ 7 BPM, 3700 psi; rate est w/15 bbl; pmp 20 bbl w/1 ball/bbl; brk & drop to 2400 psi; no ball action; final pmp @ 2400 psi & 7 BPM; ISDP 1000 psi, 15 min 900 psi; AR 7 BPM @ 2830 psi; RD Western; RD Utah Well & move to NBU #62; opn to pit on 16/64" CK.

9-14-81 Flwg to pit after brkdwn.

FTP 500#, SICP 0# (pkr), 16/64" CK, 730 MCFD w/8 BWP. Cum Csts: \$88,922.

9-15-81 SI; WO frac.

FTP 300#, 16/64" CK, 550 MCFD, wtr TSTM; SI; 15 min SITP 600#; 1:30 PM SITP 1900#.

9-16-81 SI; WO frac.

SITP 2000#, CP 0# (pkr).

9-17-81 SI; WO frac.

SITP 2100#, CP 0# (pkr).

9-18-81 SI; WO frac.

SITP 2150#. Plan to frac Sat 9-19-81.

9-19-81 SI; WO frac.

9-20-81 Flwg to pit after frac.

RU Western; tst lines to 6500 psi; press 4½" annulus to 800 psi w/2-7/8" pkr @ 850'; frac Wasatch perf 4884-5910' (15 holes) w/60,000 gal gel & 120,000# 20/40 sd dwn 2-7/8" tbg @ 28 BPM, 4850 psi; pmpd 12,000 gal 50# gel pad, 12,000 gal 40# gel 2/1 ppg sd, 12,000 gal w/2 ppg sd, 12,000 gal w/3 ppg sd, 12,000 gal w/4 ppg sd; displ w/5% KCl wtr; ISIP 1300 psi, 15 min 1200 psi; fin frac 9:15 AM; SION.

9-21-81 Flwg to pit after frac.

Opn to pit on 10/64" CK, 9:00 AM 9-20-81, FTP 600 psi, flwg 2" stream wtr. Cum Csts: \$132,474.

9-22-81 Flwg to pit after frac.

16/64" CK, FTP 500 psi, SICP 0 psi - pkr, 600 MCFD w/10 BWP. Cum Csts: \$132,474.

9-23-81 Flwg to pit after frac.

16/64" CK, FTP 550 psi, SICP 0 - pkr, 650 MCFD w/5 BW. Cum Csts: \$132,474.

9-24-81 Flwg to pit after frac.

FTP 550#, SICP 0# - pkr, 700 MCFD, 2 BWP, 16/64" CK.

9-25-81 TD 6200'; PBTB 6000'; Well SI; WO CIG tst & PLC.

FTP 500#, SICP 0# - pkr, 16/64" CK, 700 MCFD, 1 BWP. Well SI @ 11:00 AM

9-24-81. Completed as single GW. Cum Csts: \$132,474. Drop f/report.

10-16-81 First sales @ 11:15 AM 10-16-81. Final Report.

COLORADO INTERSTATE GAS COMPANY

WELL TEST DATA FORM

STATE COPY

FIELD CODE 560-01-11		FIELD NAME NATURAL BUTTES, UT				OPERATOR CODE 2200	OPERATOR NAME CIG EXPLORATION INC RECEIVED				WELL NAME CIGE 790-1-10-21			
WELL CODE 25412	SECT. L	LOCATION JWNSHP/BLK 105	RGE/SUR. 21E	SEQ. NUMBER	K-FACTOR	FORMATION WASATCH SA FLOW TEST				UTAH STATE OFFICE				

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	27	28	32	33	38	39	42	43	45	46	51	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
10	19	83	10	21	83	00625	2	067	01914	0	0595	100	005050	0630	087	010430010820																

1983 NOV 9 AM 9:00  
DEPT. OF INTERIOR  
BUR. OF LAND MGMT.

WELL-OFF (SHUT-IN)										SHUT-IN TEST										SLOPE	EFFECTIVE DIAMETER	EFFECTIVE LENGTH	GRAVITY (RAW GAS)	EST CSG PRESS	EST TBG PRESS								
PRESSURE TAKEN						CASING PRESSURE (PSIG)		TUBING PRESSURE (PSIG)		DATE																							
MO.	DAY	YR.	MO.	DAY	YR.																												
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	X	X	X	X	X	X	X	X
10	11	83	10	14	83	016610	016610						620	2	4410				897														

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

CIG: *K.G. Williams*

OPERATOR: *Cam Austin*

COMMISSION:

METER STAMP	25412 00625	REMARKS: Packer in casing CHECK FOR PACKER TEST Gordon 27th Extended 24th
-------------	-------------	---

FORM I-CIG 4898-7/73

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

**STATE COPY**

FIELD CODE <b>01-11</b>		FIELD NAME <b>NATURAL BUTTES, UT</b>				OPERATOR CODE <b>2200</b>		OPERATOR NAME <b>CIG EXPLORATION INC</b>				WELL NAME <b>CISE 750-1-10-21</b>							
CODE <b>25412</b>	SECT. <b>1</b>	LOCATION TOWNSHIP/BLK <b>10S 21E</b>		RGE/SUR. <b>21E</b>	PANHANDLE/REG/CAVE SEC. NUMBER <b>00500</b>		K-FACTOR		FORMATION <b>MASATCH SA FLOW TEST</b>										
WELL ON (OPEN)		DATE (COMP.)				ORIFICE SIZE	METER RUN SIZE	COEFFICIENT	GRAVITY (SEP.)	METER DIFF. RANGE	METER PRESSURE	DIFFERENTIAL ROOTS	METER TEMP.	WELL HEAD TEMP.	FLOWING TBG/CSG PRESSURE	STATIC TSG/CSG PRESSURE	FLOWING STRING TUBING CASING		
MO.	DAY	YR.	MO.	DAY	YR.														
11-12	13-14	15-16	17-18	19-20	21-22	23	27-28	32-33	38-39	42-43	45-46	51-52	55-56	58-59	61-62	67-68	73-74	75	
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
<b>08 24 82</b>		<b>09 07 82</b>				<b>0500</b>	<b>067</b>	<b>01219 0</b>	<b>0576</b>	<b>13</b>	<b>00594 0</b>	<b>06 60</b>	<b>070</b>		<b>00673 0</b>			<b>X</b>	
WELL-OFF (SHUT-IN)		PRESSURE TAKEN DATE				CASING PRESSURE (PSIG)	TUBING PRESSURE (PSIG)	SLOPE	EFFECTIVE DIAMETER	EFFECTIVE LENGTH	GRAVITY (RAW GAS)	EST CSG PRESS	EST TBG PRESS	TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.					
MO.	DAY	YR.	MO.	DAY	YR.														
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	E	E					
<b>09 07 82</b>		<b>09 10 82</b>				<b>01365 0</b>		<b>62</b>	<b>2.41</b>	<b>137</b>									
REMARKS:								<b>Extended 02-31-82 for 7 days.</b>											
25412 00500								<b>Packer in casing.</b>											

STATE COPY

COLORADO INTERSTATE GAS COMPANY  
WELL TEST DATA FORM

IG 896-7/73

FIELD CODE 560-01-11		FIELD NAME Natural Buttes				OPERATOR CODE 2200		OPERATOR NAME CIG Exploration Inc.				WELL NAME CIG # 79D			
WELL CODE 3-7		SECT. 1		LOCATION TWN/SH/BLK RGE/SUR. 105 21E		PANHANDLE/REDCAVE SEQ. NUMBER		FORMATION Wasatch		Flow Test					

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.	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	XXX	XX	XX	XXX	XXX	XXXXX	X	XX	XX	XXX	XXX	XX	XXX	XX	XXXXXX	X	XXXXXX	X	X	X
12	01	81	12	08	81	01	000	02	067			0599	100	00710	0	03	40	084	040	00724	0							X	

WELL-OFF (SHUT-IN)			SHUT-IN TEST														TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.				
DATE			PRESSURE TAKEN		CASING PRESSURE (PSIG)		TUBING PRESSURE (PSIG)		SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS		EST TBG PRESS		
MO.	DAY	YR.	MO.	DAY	YR.	23	28	29	34	35	38	39	44	45	49	50	53	54	55	E	E
XX	XX	XX	XX	XX	XX	XXXXXX	X	XXXXXX	X	X	XXX	XX	XXXX	XXXXXX	X	XXX	E	E			

METER STAMP: 25412 01000

REMARKS: Packer in casing.  
NO SHUT IN PRESSURE

CIG: *W.C. Kennedy*

OPERATOR: \_\_\_\_\_

COMMISSION: \_\_\_\_\_



# United States Department of the Interior

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

RECEIVED

JUN 10 1985

DIVISION OF OIL  
GAS & MINING

IN REPLY  
REFER TO:  
3100  
O&G  
(U-820)

June 6, 1985

Division of Oil, Gas, and Mining  
Attn: Well Records  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Gentlemen:

Listed below are State wells within the Natural Buttes Unit. Our records are incomplete as to the current status of the wells.

Well #36-12-10-22  
SESE Sec. 12-T10S, R22E  
CIG Exploration, Inc.  
U-1197-A ST

Well #62D-36-9-22  
NWSW Sec. 36, T9S, R22E  
CIG Exploration, Inc.  
ML-22650

Well #41  
NESE Sec. 31, T10S, R21E  
Coastal Oil & Gas Corp.  
ML-22794

Well #54  
NESW Sec. 32, T9S, R22E  
Coastal Oil & Gas Corp.  
ML-22649

Well #51  
SESE Sec. 30, T10S, R21E  
Coastal Oil & Gas Corp.  
ML-22793

Well #57  
NENW Sec. 27, T9S, R21E  
Coastal Oil & Gas Corp.  
U-01194-A-ST

Well #79D-1-10-21  
NENE Sec. 1, T10S, R21E  
CIG Exploration, Inc.  
ML-23612

Well #214-2  
NESE Sec. 2, T9S, R21E  
Belco Development Corp.  
ML-21510

Please let us know what action, if any the State is taking on these wells. Also, would you please follow up with a copy of any rescinded letter or well completion report.

If you need more information, please contact Benna Muth at (801)789-1362. Thank you for your cooperation in this matter.

Sincerely,

Assistant District Manager for Minerals

NATURAL BUTTES UNIT  
COASTAL OIL & GAS CORPORATION - OPERATED (COGC)  
COLORADO INTERSTATE GAS EXPLORATION - OPERATED (CIGE)

Natural Duck

COGC 1-22-9-20  
COGC 2-22-9-20

Natural Buttes

COGC NBU (Ute Trail) #1W  
COGC NBU (Ute Trail) #1MV  
COGC NBU (Ute Trail) #7  
COGC NBU (Ute Trail) #52X  
COGC NBU (Ute Trail) #83X  
COGC NBU (Ute Trail) #88X

COGC NBU #1  
COGC NBU #3  
COGC NBU #4  
COGC NBU #6  
COGC NBU #7  
COGC NBU #8  
COGC NBU #9  
COGC NBU #10  
COGC NBU #11  
COGC NBU #12  
COGC NBU #13  
COGC NBU #14  
COGC NBU #15  
COGC NBU #16  
COGC NBU #17  
COGC NBU #18  
COGC NBU #19  
COGC NBU #20  
COGC NBU #22  
COGC NBU #23 N  
COGC NBU #24 N2  
COGC NBU #26

Highland (Coastal Operated)

NBU #27  
NBU #27A  
NBU #28  
NBU #29  
NBU #31

COGC NBU #32Y  
COGC NBU #33Y  
COGC NBU #35Y  
COGC NBU #36Y

COGC NBU #37XP  
COGC NBU #38N2  
COGC NBU #39N  
COGC NBU #41J  
COGC NBU #43N  
COGC NBU #45N  
COGC NBU #46N

RECEIVED  
FEB 14 1967

DIVISION OF  
OIL, GAS & MINING

CIGE NBU #33-27-10-21  
CIGE NBU #34-13-10-20  
CIGE NBU #35-1-10-20  
CIGE NBU #36D-32-9-22  
CIGE NBU #37D-21-9-21P  
CIGE NBU #38-4-10-21  
CIGE NBU #40-3-10-21  
CIGE NBU #41-12-10-21  
CIGE NBU #42-25-9-21  
CIGE NBU #43-14-10-22  
CIGE NBU #44-9-9-21  
CIGE NBU #45-15-9-21  
CIGE NBU #46-21-9-21  
CIGE NBU #47-14-10-21  
CIGE NBU #48-15-10-21  
CIGE NBU #49-22-10-21  
CIGE NBU #51D-31-9-22P  
CIGE NBU #52-5-10-22  
CIGE NBU #53-6-10-22  
CIGE NBU #54D-35-9-21  
CIGE NBU #55-1-10-21  
CIGE NBU #56-34-9-21  
CIGE NBU #57-10-10-21  
CIGE NBU #58-16-10-21  
CIGE NBU #59-21-10-21  
CIGE NBU #60-14-9-21  
CIGE NBU #61-13-9-21  
CIGE NBU #62D-36-9-22P  
CIGE NBU #63D-29-9-22P  
CIGE NBU #64D-33-9-22P  
CIGE NBU #65-19-10-22  
CIGE NBU #66-23-10-21  
CIGE NBU #67A-2-10-22P  
CIGE NBU #68D-35-9-22P  
CIGE NBU #69-19-10-21  
CIGE NBU #70-20-9-21  
CIGE NBU #71-7-9-21  
CIGE NBU #72-18-9-21  
CIGE NBU #73D-5-10-22P  
CIGE NBU #74D-6-10-22P  
CIGE NBU #75D-8-10-21P  
CIGE NBU #76D-9-10-21P  
CIGE NBU #77D-10-10-21P  
CIGE NBU #78C-16-9-21P  
CIGE NBU #79D-1-10-21P  
CIGE NBU #80D-2-10-21  
CIGE NBU #81D-4-10-21  
CIGE NBU #83D-7-10-22P  
CIGE NBU #84D-12-10-21P  
CIGE NBU #85D-29-10-21  
CIGE NBU #86D-16-9-21P  
CIGE NBU #87D-34-9-21P  
CIGE NBU #88D-15-10-21P  
CIGE NBU #89D-34-9-22J

105,01E, 1 3089U

COGC NBU #47 N2  
COGC NBU #48 N3  
COGC NBU #49 V  
COGC NBU #50 N2  
COGC NBU #51 J  
COGC NBU #52 J  
COGC NBU #53 N  
COGC NBU #54 N  
COGC NBU #56 N2  
COGC NBU #57 N  
COGC NBU #58 N2  
COGC NBU #62 N  
COGC NBU #63 N3  
COGC NBU #64 N3  
COGC NBU #65 N3  
COGC NBU #68 N2  
COGC NBU #69 N2  
COGC NBU #70 N3  
COGC NBU #72 N3  
COGC NBU #74 N3  
COGC NBU #75 N3  
COGC NBU #80 V  
COGC NBU #81 V  
COGC NBU #83 J  
COGC NBU #84 V  
COGC NBU #85 J  
COGC NBU #86 J  
COGC NBU #87 J  
COGC NBU #98 V

CIGE NBU #2-29-20-21  
CIGE NBU #3-32-9-22  
CIGE NBU #4-9-10-21  
CIGE NBU #5-31-9-22  
CIGE NBU #6-19-9-21  
CIGE NBU #7-8-10-21  
CIGE NBU #8-35-9-22  
CIGE NBU #9-36-9-22  
CIGE NBU #10-2-10-22  
CIGE NBU #11-14-9-20 (W)  
CIGE NBU #13-7-10-21  
CIGE NBU #14-9-10-22  
CIGE NBU #15-8-10-22  
CIGE NBU #16-20-10-22  
CIGE NBU #18-2-10-21  
CIGE NBU #19-16-9-21  
CIGE NBU #20-20-10-22  
CIGE NBU #21-15-10-22  
CIGE NBU #22-15-9-10  
CIGE NBU #23-7-10-22  
CIGE NBU #24-29-9-22  
CIGE NBU #25-34-9-22  
CIGE NBU #27-33-9-22  
CIGE NBU #28-35-9-21  
CIGE NBU #30-6-10-21  
CIGE NBU #31-1-10-22  
CIGE NBU #32A-20-9-20

CIGE NBU #90D-9-9-21J  
CIGE NBU #91D-15-9-21J  
CIGE NBU #92D-13-10-20J  
CIGE NBU #93D-2-10-21J  
CIGE NBU #94D-14-10-21J  
CIGE NBU #95D-14-10-21J  
CIGE NBU #99D-25-9-21J

COGC NBU #11-14-9-20

Bluebell (Coastal Operated)

Asay

Powell Fee #3

Powell Fee #4

Ute Tribal #1-31

Powell Fee #3 SWD

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:

ML - 23612

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes Unit

8. Well Name and Number:

CIGE #79D - 1- 1- 21

9. API Well Number:

43-047-30896

10. Field and Pool, or Wildcat:

Natural Buttes

**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.

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: 1303' FNL & 1209' FEL

County: Uintah

QQ, Sec., T., R., M.: NE/NE Section 1, T10S-R21E

State: Utah

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

**NOTICE OF INTENT**

(Submit in Duplicate)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandon  | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing  | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans  | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Convert to Injection   | <input type="checkbox"/> Perforate            |
| <input checked="" type="checkbox"/> Fracture Treat or Acidize                                   | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion  | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Remove packer, lower tbg, acidize, install PLE</u> |   |

Approximate date work will start Upon approval

**SUBSEQUENT REPORT**

(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon *                 | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

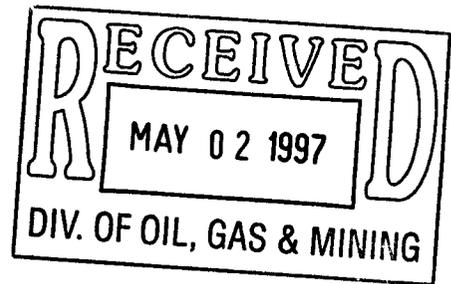
Date of work completion \_\_\_\_\_

Report results of bMultiple CompletionsC and bRecompletionsC to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

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

Please see the attached procedure for operations to be performed on the subject well.



13.

Name & Signature:

*Bonnie Carson*

Title

Bonnie Carson

Senior Environmental Analyst

Date

04/29/97

(This space for State use only)

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

DATE: 5/5/97  
BY: [Signature]

**CIGE #79D-1-10-21**  
**NATURAL BUTTES FIELD**  
**SECTION 1 T10S R21E**  
**WORKOVER PROCEDURE** *RAM*

**WELL DATA**

LOCATION: 1303' FNL 1209' FEL SEC. 1 T10S R21E  
ELEVATION: 5053' GR., 5068' KB.  
TD: 6200', PBTB 6007' (9/81)  
CSG: 9-5/8", 36.0#, J-55 @ 200' w/ 125 SX.  
4-1/2", 11.6#, N-80 @ 6200' w/ 1880 SX.  
TBG: 2-7/8", 7.9#, J-55 @ 912'  
FORMATION(S): WASATCH 4884' - 5910', 15 HOLES (1981)  
CSG LEAK @ 765' SQZD W/ 573 SX.  
BAK-LOC PKR @ 897'

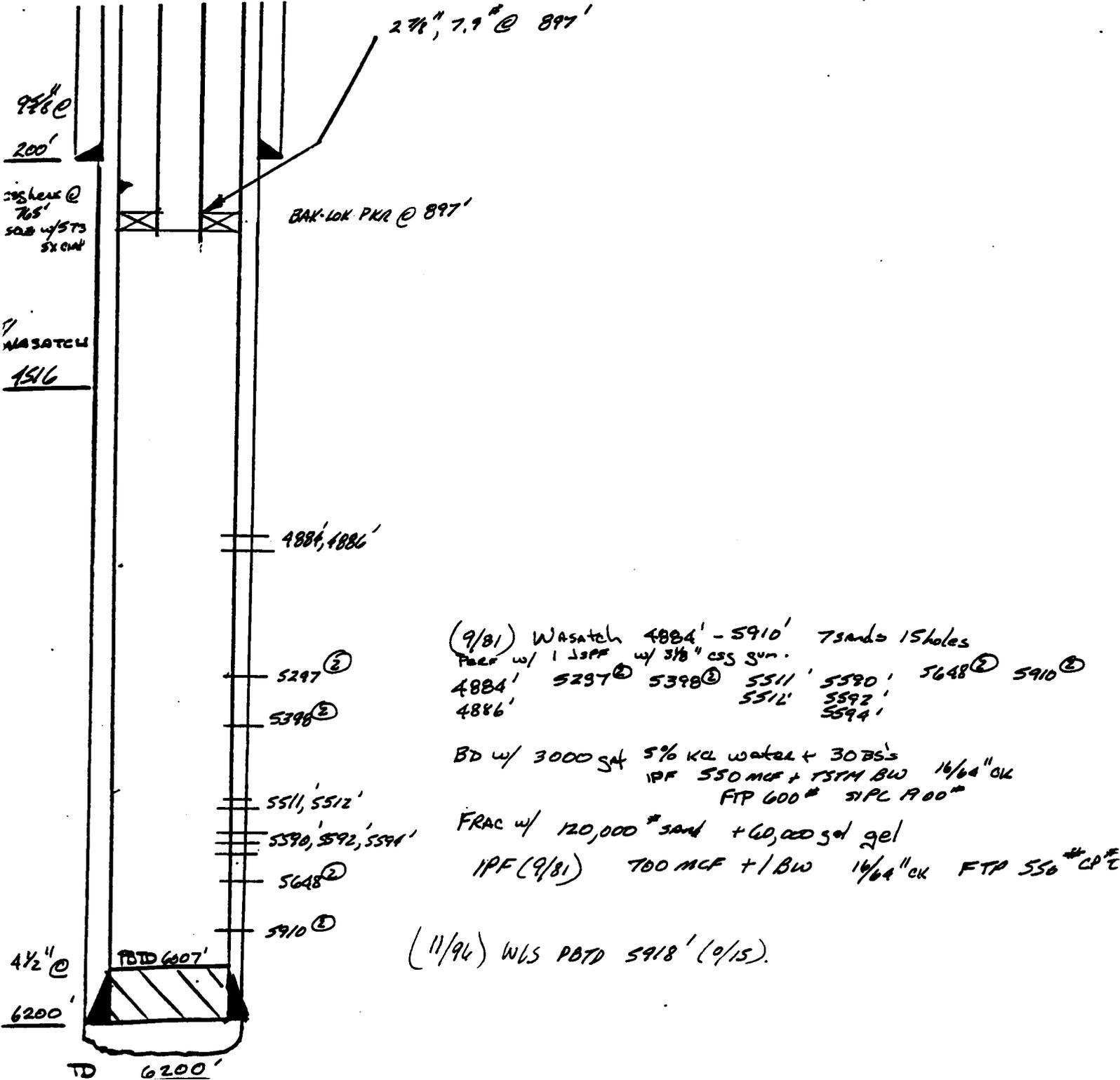
**PROCEDURE**

1. MI & RU pulling unit. Blow down & safely kill well w/ minimum amount of 2% KCL water. ND WH. NU BOP.
2. Release Bak-Loc pkr @ 897'. POOH w/ 2-7/8" tbg & pkr. LD pkr.
3. TIH w/ 2-3/8" tbg to WLS PBTB - 5918'. RU service company. Pump 294 gal 15% HCL acid with inhibitors and clay stabilizers across perms 4884' - 5910' to clean up possible scale. Acid to be swabbed back within 8-12 hrs. RD service company.
4. PU & land tbg @ 5594' (BP @ 5910'). ND BOP. NU WH. RD & MO pulling unit. RU swab unit.
5. Install PLE. Swab/flow well to clean up. Return the well to sales.

CIGE #79D-1-10-21  
 NATURAL BUTTES FIELD  
 SECTION 1 T10S R21E

WELL DATA

LOCATION: 1303' FNL 1209' FEL SEC. 1 T10S R21E  
 ELEVATION: 5053' GR., 5068' KB.  
 TD: 6200', PBD 6007' (9/81)  
 CSG: 9-5/8", 36.0#, J-55 @ 200' w/ 125 SX.  
 4-1/2", 11.6#, N-80 @ 6200' w/ 1880 SX.  
 TBG: 2-7/8", 7.9#, J-55 @ 912'  
 FORMATION(S): WASATCH 4884' - 5910', 15 HOLES (1981)  
 CSG LEAK @ 765' SQZD W/ 573 SX.  
 BAK-LOC PKR @ 897'

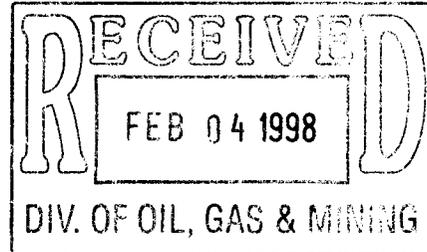


THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

CIGE #79D  
Natural Buttes Unit  
Uintah County, Utah  
WI: 100% TD:  
Csg:  
Perfs:

Page 1



Lower Tubing and Install PLE

03/24/97      **Producing.** RU Adler Hot Oil truck. Load tbg - csg annulus w/6 bbls 2% KCl wtr. Press  
tst csg & pkr. held 1000 psi for 30 min - OK. (2φ" tbg w/ pkr set @ 897")  
DC: \$440      TC: \$440

---

Lwr Tbg, Acids, Inst PLE

8/05/97      **Prep to PU tbg.** MIRU WS #70. Kill well w/20 BBLs 2% KCl wtr. NDWH. NU BOP.  
Well kicked, kill w/20 BW. Rlsd pkr @ 897'. POOH & LD 29 jts 2φ" tbg & Baker Lok-Set  
pkr. SDFN.      TC: \$6,030

8/06/97      **Prep to Swb.** SICP 100 psi. Blw dwn well & kill w/40 BBLs 2% KCl wtr. PU & RIH  
w/28" tbg. Tag fill @ 5920'. PU to 5080'. RU. Spot 1000 gals 15% HCl across perfs. LD  
9 jts tbg. Land tbg for prod - 182 jts @ 5610' w/notched collar on btm & SN 1 jt abv @  
5579'. ND BOP. NU WH. Let acid soak 2½ hrs. RU swb. Swbd 48 BW/10 runs. IFL  
2500'. FFL 3200'. SICP 40 psi. Fluid hvy gas cut, no blow behind swb. SDFN.  
TC: \$22,660

8/07/97      **Prep to swb.** SITP 50#, SICP 180#. IFL 4500'. Swbd 25 BW/5 runs. FFL 4100'. SI.  
TC: \$28,146

8/08/97      **Swb.** SITP 75#, SICP 360#. IFL 4000'. Swbd 25 BW/5 runs. FFL 4300'. SDFN.  
TC: \$28,954

8/09/97      **Swb.** SITP 100#, SICP 400#. IFL 4200'. Swbd 74 BW/18 runs. FFL 5100'. SDFN.  
TC: \$30,628

8/10/97      **On sales line.** SITP 300#, SICP #700. Trip PLE 3 times. Put well on line. RDMO.  
TC: \$31,473

8/11/97      No prod. Dwn 24 hrs due to plunger "hi/low" vlv failure.

- 8/12/97 Flwg 52 MCF & 5 BW, FTP 250#, FCP 440# on an open chk.
- 8/13/97 Flwg 36 MCF & 20 BW/24 hrs, FTP 310#, FCP 500# on a F/O chk.
- 8/14/97 Flwg 80 MCFD & 15 BWPD on a 1" chk, FTP 340#, FCP 475#.

FORM 2

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: ML - 23612
		6. If Indian, Altona or Tribe Name: N/A
		7. Unit Agreement Name: Natural Buttes Unit
1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:	8. Well Name and Number: CTGE #79D - 1 - 1 - 21	
2. Name of Operator: Coastal Oil & Gas Corporation	9. API Well Number: 43-047-30896	
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476	10. Field and Pool, or Wildcat: Natural Buttes	
4. Location of Well Footage: 1303' FNL & 1209' FEL QQ, Sec., T., R., M.: NE/NE Section 1, T10S-R21E	County: Uintah	State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandon * <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input checked="" type="checkbox"/> Other Remove packer, lwr tbg, acidz, install PLE
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Perforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Perforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start _____	Date of work completion <u>8/14/97</u>
	Report results of (a) Multiple Completions and (b) Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. * Must be accompanied by a cement verification report.

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

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

13. Name & Signature: Bonnie Carson Title: Senior Environmental Analyst Date: 08/28/98

(This space for State use only)

NO tax credit 8/98

**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:  
ML - 23612

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

7. Unit Agreement Name:  
Natural Buttes Unit

8. Well Name and Number:  
CIGE #79D - 1-~~10~~<sup>21</sup>

9. API Well Number:  
43-047-30896

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: 1303' FNL & 1209' FEL County: Uintah  
QQ, Sec., T., R., M.: NE/NE Section 1, T10S-R21E State: Utah

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

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

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandon *  | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing  | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans  | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection                                       | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize                                  | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other Remove packer, lwr tbg, acdz, install PLE |   |

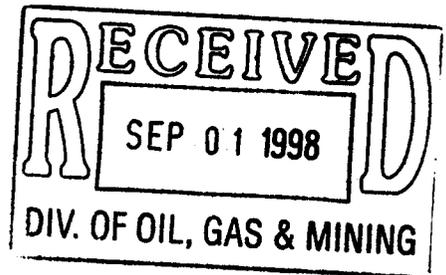
Date of work completion 8/14/97

Report results of bMultiple Completions and bRecompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

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

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



13. Name & Signature: Bonnie Carson Title Senior Environmental Analyst Date 08/28/98

(This space for State use only)

**THE COASTAL CORPORATION  
PRODUCTION REPORT**

**CHRONOLOGICAL HISTORY**

CIGE #79D  
Natural Buttes Unit  
Uintah County, Utah  
WI: 100% TD:  
Csg:  
Perfs:

Page 1

**Lwr Tbg, Acdz, Inst PLE**

8/05/97      **Prep to PU tbg.** MIRU WS #70. Kill well w/20 BBLs 2% KCl wtr. NDWH. NU BOP. Well kicked, kill w/20 BW. Rlsd pkr @ 897'. POOH & LD 29 jts 2<sup>7</sup>/<sub>8</sub>" tbg & Baker Lok-Set pkr. SDFN. TC: \$6,030

8/06/97      **Prep to Swb.** SICP 100 psi. Blw dwn well & kill w/40 BBLs 2% KCl wtr. PU & RIH w/2<sup>3</sup>/<sub>8</sub>" tbg. Tag fill @ 5920'. PU to 5080'. RU. Spot 1000 gals 15% HCl across perfs. LD 9 jts tbg. Land tbg for prod - 182 jts @ 5610' w/notched collar on btm & SN 1 jt abv @ 5579'. ND BOP. NU WH. Let acid soak 2<sup>1</sup>/<sub>2</sub> hrs. RU swb. Swbd 48 BW/10 runs. IFL 2500'. FFL 3200'. SICP 40 psi. Fluid hvy gas cut, no blow behind swb. SDFN. TC: \$22,660

8/07/97      **Prep to swb.** SITP 50#, SICP 180#. IFL 4500'. Swbd 25 BW/5 runs. FFL 4100'. SI. TC: \$28,146

8/08/97      **Swb.** SITP 75#, SICP 360#. IFL 4000'. Swbd 25 BW/5 runs. FFL 4300'. SDFN. TC: \$28,954

8/09/97      **Swb.** SITP 100#, SICP 400#. IFL 4200'. Swbd 74 BW/18 runs. FFL 5100'. SDFN. TC: \$30,628

8/10/97      **On sales line.** SITP 300#, SICP #700. Trip PLE 3 times. Put well on line. RDMO. TC: \$31,473

8/11/97      No prod. Dwn 24 hrs due to plunger "hi/low" vlv failure.

8/12/97      Flwg 52 MCF & 5 BW, FTP 250#, FCP 440# on an open chk.

8/13/97      Flwg 36 MCF & 20 BW/24 hrs, FTP 310#, FCP 500# on a F/O chk.

8/14/97      Flwg 80 MCFD & 15 BWPD on a 1" chk, FTP 340#, FCP 475#.

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

COUNTY: MOHAVE  
STATE: UTAH

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

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

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.  
See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation	
NAME (PLEASE PRINT) <u>John T. Elzner</u>	TITLE <u>Vice President</u>
SIGNATURE <u>[Signature]</u>	DATE <u>06-15-01</u>
El Paso Production Oil & Gas Company	
NAME (PLEASE PRINT) <u>John T. Elzner</u>	TITLE <u>Vice President</u>
SIGNATURE <u>[Signature]</u>	DATE <u>06-15-01</u>

(This space for State use only)

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

State of Delaware  
Office of the Secretary of State

---

PAGE 1

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

RECEIVED

MAR 10 2001

DIVISION OF  
OIL, GAS AND MINING



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

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

**CERTIFICATE OF AMENDMENT**

**OF**

**CERTIFICATE OF INCORPORATION**

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

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

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

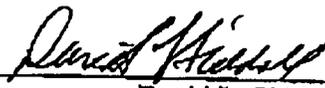
"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

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

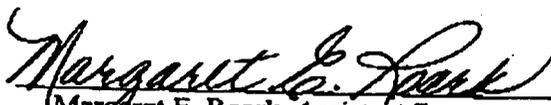
THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

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

COASTAL OIL & GAS CORPORATION

  
\_\_\_\_\_  
David L. Siddall  
Vice President

Attest:

  
\_\_\_\_\_  
Margaret E. Roark, Assistant Secretary

**RECEIVED**

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

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

# RECEIVED

JUL 12 2001

DIVISION OF  
OIL, GAS AND MINING

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

JUL 10 2001

### NOTICE

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

#### Name Change Recognized

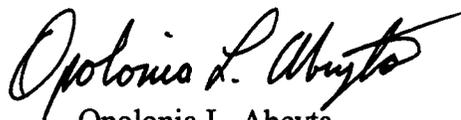
Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

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

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

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

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



Opolonia L. Abeyta  
Acting Chief, Branch of  
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

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

## Exhibit of Leases

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

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

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

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X** Merger

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

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

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

**CA No.**

**Unit: NATURAL BUTTES**

**WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
NBU CIGE 79D-1-10-21	43-047-30896	2900	01-10S-21E	STATE	GW	P
CIGE 107D-1-10-21	43-047-31747	2900	01-10S-21E	STATE	GW	P
CIGE 205-1-10-21	43-047-32795	2900	01-10S-21E	STATE	GW	P
CIGE 244-1-10-21	43-047-33209	2900	01-10S-21E	STATE	GW	P
CIGE 245-1-10-21	43-047-33210	2900	01-10S-21E	STATE	GW	P
UTE TRAIL U 88X-2G	43-047-15389	2900	02-10S-21E	STATE	GW	P
NBU CIGE 18-2-10-21	43-047-30471	2900	02-10S-21E	STATE	GW	P
NBU CIGE 80D-2-10-21	43-047-30853	2900	02-10S-21E	STATE	GW	P
CIGE 100D-2-10-21	43-047-31731	2900	02-10S-21E	STATE	GW	P
NBU 265	43-047-32796	2900	02-10S-21E	STATE	GW	P
CIGE 224-2-10-21	43-047-32883	2900	02-10S-21E	STATE	GW	P
CIGE 246-2-10-21	43-047-33687	99999	02-10S-21E	STATE	GW	APD
CIGE 81D-4-10-21	43-047-30854	2900	04-10S-21E	STATE	GW	S
CIGE 136-4-10-21	43-047-31979	2900	04-10S-21E	STATE	GW	S
NBU 28	43-047-30305	2900	13-10S-21E	STATE	GW	S
NBU 270	43-047-32862	2900	13-10S-21E	STATE	GW	P
NBU 333	43-047-33641	2900	13-10S-21E	STATE	GW	P
NBU CIGE 58-16-10-21	43-047-30532	2900	16-10S-21E	STATE	GW	S
NBU 62	43-047-30909	2900	16-10S-21E	STATE	GW	S
CIGE 140-16-10-21	43-047-31977	2900	16-10S-21E	STATE	GW	P

**OPERATOR CHANGES DOCUMENTATION**

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



JAN. 17. 2003 3:34PM

STPORT

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.

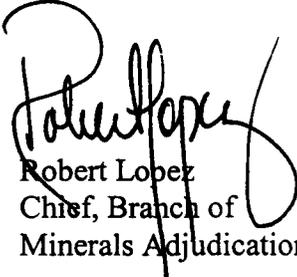
For our purposes, the name change is recognized effective December 31, 2001.

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 you 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





IN REPLY REFER TO:  
Real Estate Services

## United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Washington, D.C. 20240

FEB 10 2003

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

Dear Mr. Wilson:

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

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

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Perry E. Brown".

Director, Office of Trust Responsibilities

**ACTING**

Enclosure



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO  
UT-922

February 27, 2003

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

Re: Natural Buttes Unit  
Uintah County, Utah

Gentlemen:

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

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

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

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

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

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

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:

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

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

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

9. API NUMBER:

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

10. FIELD AND POOL, OR WILDCAT:

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

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

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

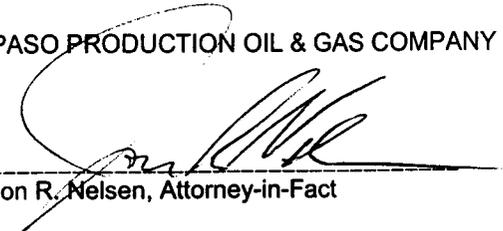
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

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

BOND # \_\_\_\_\_

State Surety Bond No. RLB0005236  
Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

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

**RECEIVED**

**FEB 28 2003**

DIV. OF OIL, GAS & MINING

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

NAME (PLEASE PRINT) **David R. Dix** TITLE **Agent and Attorney-in-Fact**

SIGNATURE  DATE **12/17/02**

(This space for State use only)

Form 3160-5  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

3b. Phone No. (include area code)  
 (436) 781-7023

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

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

6. If Indian, Allottee or Tribe Name

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

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

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

10. Field and Pool, or Exploratory Area

11. County or Parish, State  
 UTAH 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"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	SUCCESSOR OF
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration then. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and so. 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 when 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

DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed)

CHERYL CAMERON

Title

OPERATIONS

Date

March 4, 2003

Signature

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**

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

**CA No. Unit: NATURAL BUTTES**

**WELL(S)**

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 43N	26-10S-20E	43-047-30848	2900	FEDERAL	GW	S
NBU 397	26-10S-20E	43-047-34365	99999	FEDERAL	GW	APD
NBU CIGE 55-1-10-21	01-10S-21E	43-047-30512	2900	STATE	GW	P
<b>NBU CIGE 79D-1-10-21</b>	01-10S-21E	43-047-30896	2900	STATE	GW	P
CIGE 107D-1-10-21	01-10S-21E	43-047-31747	2900	STATE	GW	P
CIGE 205-1-10-21	01-10S-21E	43-047-32795	2900	STATE	GW	P
NBU 211	01-10S-21E	43-047-32339	2900	FEDERAL	GW	P
NBU 264	01-10S-21E	43-047-33000	2900	FEDERAL	GW	P
CIGE 244-1-10-21	01-10S-21E	43-047-33209	2900	STATE	GW	P
CIGE 245-1-10-21	01-10S-21E	43-047-33210	2900	STATE	GW	P
NBU 329	01-10S-21E	43-047-33227	2900	FEDERAL	GW	P
NBU 284	01-10S-21E	43-047-34792	99999	STATE	GW	APD
NBU 444	01-10S-21E	43-047-34796	99999	FEDERAL	GW	APD
NBU 71	01-10S-21E	43-047-31101	2900	FEDERAL	GW	PA
NBU 265	02-10S-21E	43-047-32796	2900	STATE	GW	P
CIGE 224-2-10-21	02-10S-21E	43-047-32883	2900	STATE	GW	P
CIGE 246-2-10-21	02-10S-21E	43-047-33687	99999	STATE	GW	APD
CIGE 100D-2-10-21	02-10S-21E	43-047-31731	2900	STATE	GW	P
UTE TRAIL U 88X-2G	02-10S-21E	43-047-15389	2900	STATE	GW	P
CIGE 10-2-22	02-10S-22E	43-047-30425	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 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: 03/19/2003
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/19/2003
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

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

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

9. API Well No.  
Multiple Wells - see attached

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

11. County or Parish, State  
Uintah County, UT

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

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

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

IDS 21E 1

4304730896

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

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

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

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

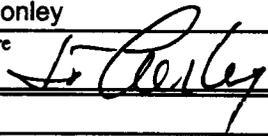
The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped. The average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

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

Name (Printed/Typed)

J.T. Conley

Signature



COPY SENT TO OPERATOR

Date: 9-16-03

Initials: JTC Date: 9-2-2003

Operations Manager

SEP 10 2003

DIV. OF OIL GAS & MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Accepted by the  
Utah Division of  
Oil, Gas and Mining

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.

**Project Economics Worksheet**

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

Project Name: **Condensate Shrinkage Economics**

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

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

Increased OPX Per Year

**Investment Breakdown:**

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

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

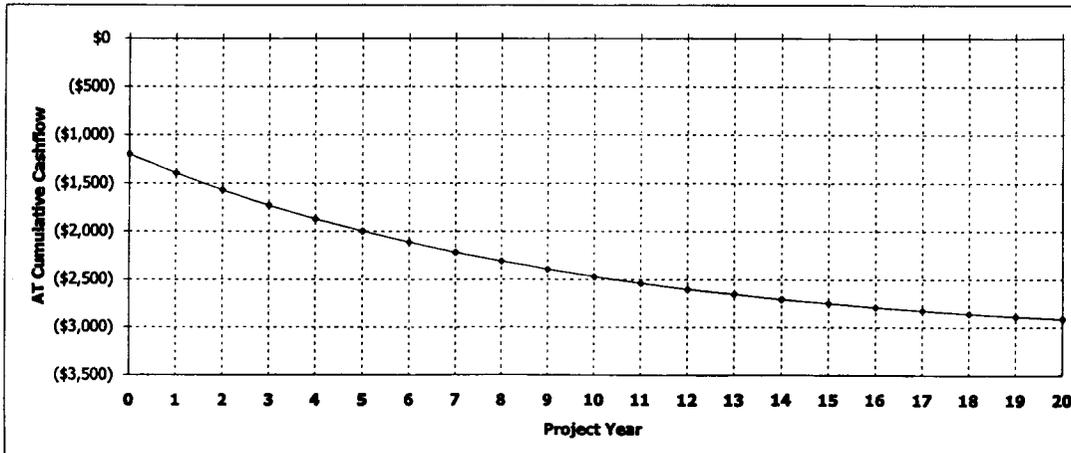
<p><b>Project Life:</b> Life = <input type="text" value="20.0"/> Years (Life no longer than 20 years)</p> <p><b>Internal Rate of Return:</b> After Tax IROR = <input type="text" value="#DIV/OI"/></p> <p><b>AT Cum Cashflow:</b> Operating Cashflow = <input type="text" value="(\$2,917)"/> (Discounted @ 10%)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

**Gross Reserves:**  
 Oil Reserves = 6 BO  
 Gas Reserves = 0 MCF  
 Gas Equiv Reserves = 38 MCFE

**Notes/Assumptions:**

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

Project: Condensate Shrinkage Economics



**Westport Oil and Gas, Inc.**  
**NBU/Ouray Field**  
RFL 2003-022

**COMPARISON OF FLASH BACK PRESSURES**

Calculated by Characterized Equation-of-State

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

**Calculated at Laboratory Flash Conditions**

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

**Calculated Flash with Backpressure using Tuned EOS**

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%

80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%

80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%

80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

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

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

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

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

## ALL WELLS ROCKY MOUNTIAN GAS-NBU ENARDO VARIANCE

WELL	LEGALS	STFLEASENO	CANUMBER	APINO
CIGE 003	32-9-22 SENE	ML22649	891008900A	430473032000S1 ✓
CIGE 004	9-10-21 NESE	UTU01416	891008900A	430473033400S1
CIGE 005	31-9-22 NWSE	U01207A	891008900A	430473033500S1 ✓
CIGE 006	19-9-21 SWSE	U0581	891008900A	430473035600S1
CIGE 007	8-10-21 NENW	UTU01791	891008900A	430473035800S1
CIGE 008	35-9-22 SWSE	UTU010954A	891008900A	430473042700S1
CIGE 009	36-9-22 NWSE	ML22650	891008900A	430473041900S1 ✓
CIGE 010	2-10-22 NWSE	ML22651	891008900A	430473042500S1
CIGE 011	14-9-20 SWSE	UTU0577A	891008900A	430473042400S1
CIGE 011GR	14-9-20 SWSE	UTU0577A	891008900A	430473042400S1
CIGE 013	7-10-21 NESE	UTU02270A	891008900A	430473042000S1
CIGE 014	9-10-22 NESW	UTU01196B	891008900A	430473048400S1
CIGE 018	2-10-21 NWNW	ML22652	891008900A	430473047100S1 ✓
CIGE 019	16-9-21 SWSW	ML3141A	891008900A	430473045900S1
CIGE 020	20-10-21 SESW	UTU02278	891008900A	430473048500S1
CIGE 022	15-9-20 SENW	UTU0144868	891008900A	430473049700S1
CIGE 023	7-10-22 SESE	ML23609	891008900A	430473033300S1 ✓
CIGE 024	29-9-22 SESW	U01207	891008900A	430473049300S1
CIGE 025	34-9-22 SENW	UTU0149077	891008900A	430473073700S1
CIGE 027	33-9-22 NENW	UTU01191A	891008900A	430473073800S1
CIGE 028	35-9-21 NESE	ML22582	891008900A	430473073900S1 ✓
CIGE 030	6-10-21 NENW	UTU01791	891008900A	430473049800S1
CIGE 031	1-10-22 SWNW	U011336	891008900A	430473051100S1
CIGE 032A	20-9-20 NESW	UTU01567A	891008900A	430473049600S1
CIGE 034	13-10-20 SWNE	UTU02270A	891008900A	430473050800S1
CIGE 035	1-10-20 NESW	UTU02270A	891008900A	430473049400S1
CIGE 036D	32-9-22 NWNW	ML22649	891008900A	430473083300S1 ✓
CIGE 037D	21-9-21 SWSE	UTU0576	891008900A	430473091000S1
CIGE 038D	4-10-21 SWSE	U01416	891008900A	430473049500S1
CIGE 040	3-10-21 NESW	UTU0149078	891008900A	430473074000S1
CIGE 042	25-9-21 SWSE	U04139	891008900A	430473049200S1 ✓
CIGE 043	14-10-22 SENW	U01197A	891008900A	430473049100S1 ✓
CIGE 044	9-9-21 SESE	UTU01188	891008900A	430473052700S1
CIGE 045	15-9-21 NESE	UTU01193	891008900A	430473052800S1
CIGE 046	21-9-21 NENE	UTU0576	891008900A	430473052900S1
CIGE 047	14-10-21 NWSE	UTU01393C	891008900A	430473051000S1
CIGE 048	15-10-21 SWNE	UTU01416A	891008900A	430473050600S1
CIGE 051D	31-9-22 NENE	U01191	891008900A	430473088900S1 ✓
CIGE 052	5-10-22 SENW	UTU01195	891008900A	430473053100S1
CIGE 053	6-10-22 NESW	UTU01195	891008900A	430473053300S1
CIGE 054D	35-9-21 NENE	ML22582	891008900A	430473085100S1 ✓
CIGE 055	1-10-21 SENW	ML23612	891008900A	430473051200S1 ✓
CIGE 056	34-9-21 SWSE	U01194A	891008900A	430473053000S1 ✓
CIGE 057	10-10-21 NENE	UTU0149079	891008900A	430473054300S1
CIGE 058	16-10-21 SESE	ML10755	891008900A	430473053200S1
CIGE 060	14-9-21 SENW	UTU01193	891008900A	430473054900S1
CIGE 061	13-9-21 SENW	U01193	891008900A	430473055000S1
CIGE 062D	36-9-22 NWSW	ML22650	891008900A	430473088500S1 ✓
CIGE 063D	29-9-22 NWNW	UTU462	891008900A	430473094900S1
CIGE 064D	33-9-22 SWSW	UTU01191A	891008900A	430473095000S1
CIGE 066	23-10-21 SENW	UTU02278A	891008900A	430473054200S1
CIGE 067A	2-10-22 NENE	ML22651	891008900A	430473093800S1
CIGE 068D	35-9-22 NWSW	UTU010954A	891008900A	430473095100S1
CIGE 069	19-10-21 SENW	ML22792	891008900A	430473083500S1
CIGE 070	20-9-21 NESE	UTU0575	891008900A	430473063600S1
CIGE 071	7-9-21 NESE	UTU0575B	891008900A	430473063700S1
CIGE 072	18-9-21 SWNE	UTU0575	891008900A	430473063400S1
CIGE 073D	5-10-22 SWSW	UTU01191A	891008900A	430473095200S1
CIGE 074D	6-10-22 NWSE	UTU01195	891008900A	430473095300S1
CIGE 075D	8-10-21 SENE	UTU01791	891008900A	430473095400S1
CIGE 076D	9-10-21 NENE	UTU01416	891008900A	430473095500S1
CIGE 077D	10-10-21 SESE	UTU0149079	891008900A	430473095600S1
CIGE 078C	16-9-21 NENW	UTU38409	891008900A	430473087000S1
CIGE 079D	1-10-21 NENE	ML23612	891008900A	430473089600S1 ✓
CIGE 080D	2-10-21 NWNW	ML22652	891008900A	430473085300S1 ✓
CIGE 081D	4-10-21 NENE	ML22940	891008900A	430473085400S1
CIGE 086D	16-9-21 SWSE	ML3282	891008900A	430473088600S1
CIGE 087D	34-9-21 NENE	U01194A	891008900A	430473086900S1 ✓
CIGE 088D	15-10-21 NWNW	UTU01791A	891008900A	430473095800S1
CIGE 089D	34-9-22 SENE	UTU0149077	891008900A	430473114600S1
CIGE 090D	9-9-21 NWNW	UTU01188A	891008900A	430473114900S1
CIGE 091D	15-9-21 NWNE	UTU01188	891008900A	430473115100S1

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

<b>ROUTING</b>
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:		<b>1/6/2006</b>
<b>FROM:</b> (Old Operator): N2115-Westport Oil & Gas Co., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	<b>TO:</b> ( New Operator): N2995-Kerr-McGee Oil & Gas Onshore, LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	

WELL NAME	CA No.	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
- 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
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 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 <b>CHANGE OF OPERATOR</b>

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

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

Signature  
*Randy Bayne*

Title  
**DRILLING MANAGER**

Date  
**May 9, 2006**

THIS SPACE FOR FEDERAL OR STATE USE

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Serial No.  
**MULTIPLE LEASES**  
6. If Indian, Allottee or Tribe Name

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

9. API Well No.

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

10. Field and Pool, or Exploratory Area

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

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

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

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

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

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

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

RECEIVED  
MAY 10 2006

DIV. OF OIL, GAS & MINING

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

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

**THIS SPACE FOR FEDERAL OR STATE USE**

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

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-23612
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> CIGE 79D
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047308960000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6007 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1303 FNL 1209 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 01 Township: 10.0S Range: 21.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 2/5/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> <b>PLUG AND ABANDON</b>	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

The operator requests authorization to Plug and Abandon the subject well. The well location has been Shut-In, temporarily abandon, or a non-producing well. Please refer to the attached Plug and Abandon procedure.

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

**Date:** February 16, 2010

**By:** *Derek Duff*

<b>NAME (PLEASE PRINT)</b> Andy Lytle	<b>PHONE NUMBER</b> 720 929-6100	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 2/2/2010



**The Utah Division of Oil, Gas, and Mining**

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Sundry Conditions of Approval Well Number 43047308960000**

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. MOVE PLUG #1: Plug #4 shall be moved downhole approximately 100'. CIBP shall be set at 4600' and the cement plug shall be balanced from approximately 4600' to 4500'.**
- 3. NOTE: If cement on annuli is not circulated back above 1235' as described in Plug #4, then a minimum of 100sx will be required on the back side from 1600' to 1235' in Plug #5 if injection can be established.**
- 4. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 5. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
- 6. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 7. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 8. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 9. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

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

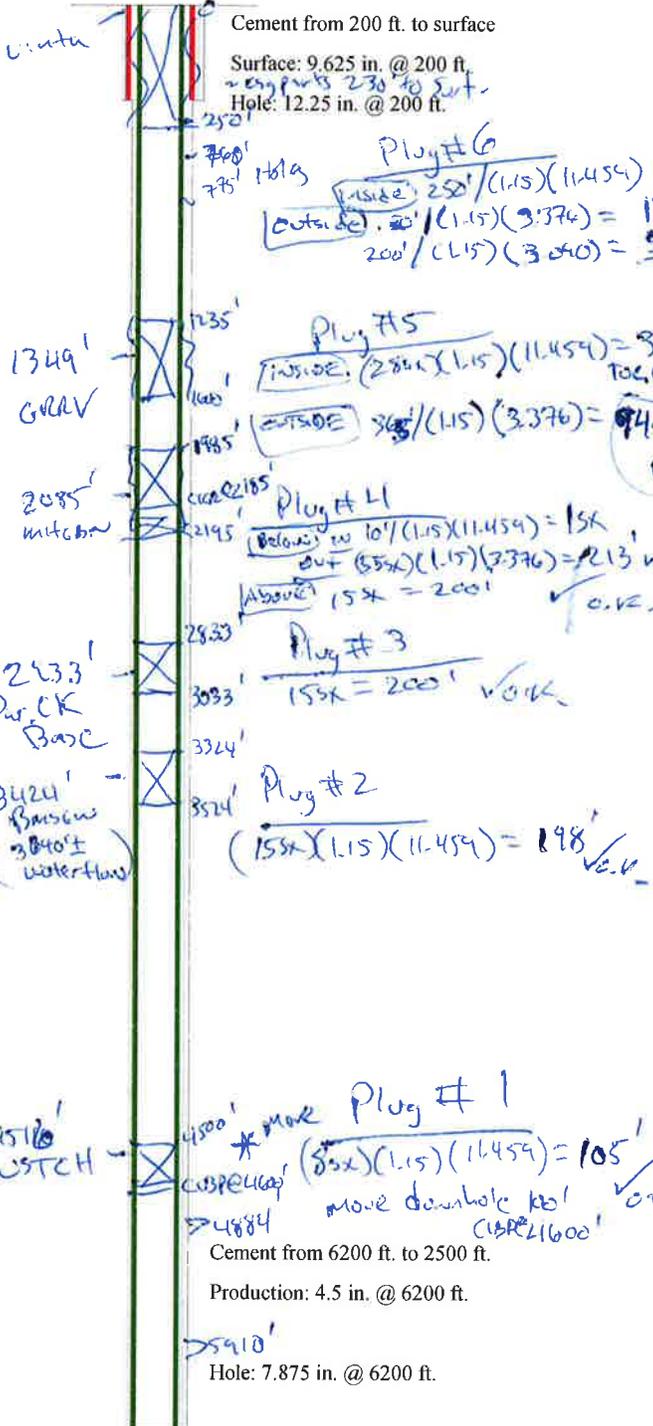
**Date:** February 16, 2010  
**By:** Dustin Doucet

# Wellbore Diagram

API Well No: 43-047-30896-00-00    Permit No:    Well Name/No: CIGE 79D  
 Company Name: KERR-MCGEE OIL & GAS ONSHORE, L.P.  
 Location: Sec: 1 T: 10S R: 21E Spot: NENE  
 Coordinates: X: 628581 Y: 4426602  
 Field Name: NATURAL BUTTES  
 County Name: UINTAH

**String Information**

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity
HOL1	200	12.25			
SURF	200	9.625	36		
HOL2	6200	7.875			
PROD	6200	4.5	11.6		11.459



9 5/8" x 4 5/8" → 3.090  
 7 7/8" x 4 1/2" (10%) → 3.376

Plug #6  
 Inside: 250' / (1.15) (11.459) = 195X  
 Outside: 250' / (1.15) (3.376) = 130X  
 200' / (1.15) (3.090) = 585X  
 855X min reqd. propose 855X ✓ ok

**Cement Information**

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	6200	2500	50	1880
SURF	200	0	G	125

**Perforation Information**

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
4884	5910			

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

Date: February 16, 2010  
 By: Dark Duff

**Formation Information**

Formation	Depth
UNTA	0
GRRV	1349
MHGBN	2085
PARCK	2933 Base
WSTC	4516
BASCOW	3424'

Cement from 6200 ft. to 2500 ft.  
 Production: 4.5 in. @ 6200 ft.  
 Hole: 7.875 in. @ 6200 ft.

TD: 6200    TVD:    PBTD:

CIGE 79D 1-10-21  
 1303' FNL & 1209' FEL  
 NENE SEC.1, T10S, R21E  
 Uintah County, UT

KBE: 5068'  
 GLE: 5053'  
 TD: 6200'  
 PBTD: 6007'

API NUMBER: 43-047-30896  
 LEASE NUMBER: ML-23612  
 WINS #: 72853  
 WI: 100.00000%  
 NRI: 83.202949%

CASING: 12 1/4" hole  
 9 5/8" 36# K-55 @ 200' (GL)  
 Cement w/ 125 sx class G, TOC @ surface

7.875" hole  
 4 1/2" 11.6# N-80 @ 6200'  
 Cement w/ 1210 sx 50/50 Poz, tail 670 sx 50/50 Poz, No cmt to surface  
 CBL shows cement behind pipe f/ 6000' - 5400', spotty cmt 4300' - 2500'  
 and no cement above 2500' except for squeeze cmt f/ 780' - 735'

TUBING: 2 3/8" 4.7# J-55 Tbg @ 5610'

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.0217	0.0039
4.5" 11.6# N-80	3.875	6350	7780	0.6528	0.0872	0.0155
9.625" 36# K-55	8.921	2020	3520	3.247	0.434	0.0773
<b>Annular Capacities</b>						
2.375" tbg. X 4 1/2" 11.6# csg				0.4227	0.0565	0.0101
4.5" csg X 9 5/8" 36# csg				2.4192	0.3231	0.0576
4.5" csg X 7.875 borehole				1.704	0.2276	0.0406
9 5/8" csg X 12 1/4" borehole				2.3436	0.3132	0.0558

**GEOLOGIC INFORMATION:**

Formation	Depth to top, ft.
Uinta	Surface
Green River	1335'
Bird's Nest	~1500'
Mahogany	~2085'
Base of Parchute	~2933'
Wasatch	4516'

**Tech. Pub. #92 Base of USDW's**

USDW Elevation ~1644' MSL  
 USDW Depth ~3424' KBE

**PERFORATIONS:**

Formation	Date	Top	Spf	Status
Wasatch	Oct-81	4884	1	Open
Wasatch	Oct-81	4886	1	Open
Wasatch	Oct-81	5297	2	Open
Wasatch	Oct-81	5398	2	Open
Wasatch	Oct-81	5511	1	Open
Wasatch	Oct-81	5512	1	Open
Wasatch	Oct-81	5590	1	Open
Wasatch	Oct-81	5592	1	Open
Wasatch	Oct-81	5594	1	Open
Wasatch	Oct-81	5648	2	Open
Wasatch	Oct-81	5910	2	Open

**WELL HISTORY:**

- Spud Well 6/21/81, TD'd 7/10/81
- 9/12/81 - Perf gross Was interval f/4884' - 5910', breakdown perms w/ 3000 gals 5% Kcl & 30 ballsealers
- 9/20/81 - Frac Wasatch interval w/ 120,000# sand & 60,000 gal gel
- 10/16/81 - 1<sup>st</sup> Prod
- 8/5/97 - Lower tbg, acidize and install PLE

**REMARKS:**

- Land Exploration/Operations - This well is producing from the Was/MV formations. The lease is held by the NB Unit. OK to shut-in. Jason Rayburn 5/14/09.
- Geology - No remaining potential. OK to P&A. BJK 5/20/09
- Reservoir Engineering - This well was completed to the Wasatch in May 1981 and has gross cum production of 682 MMCF. The net remaining reserves are 0 MMCFE and has been for several years. The average rate in 2009 was ~6mcf/d with a LGR of 3 bbl/mmcf. The marginal well screening tool shows a breakeven EBITDA of \$6.92/mcfe. OK to P&A. LNG 6/22/09
- Operations Engineering - Low producer, will only produce 3 MCFD. No potential to improve production. OK to P&A. BJA 6/3/09.
- Green River Geology - OK to P&A. No behind pipe Green River potential identified. Well is located out of the main Green River producing trend. Location is not suitable for Birds Nest SWD due to TDS < 10,000 ppm in the area. If well has sufficient cement across the Birds Nest (1,500 - 1,781') collect a representative Birds Nest fluid sample prior to P&A. S.P. Kelly 6/23/2009.

## GENERAL

- H<sub>2</sub>S MAY BE PRESENT. CHECK FOR H<sub>2</sub>S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- A MINIMUM OF 10 PPG BRINE WILL BE PLACED BETWEEN ALL PLUGS.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLs FLUID.
- NOTIFY UDOGM 24 HOURS BEFORE MOVING ON LOCATION.

## Cige 79D P&A

1. **PLUG #1, ISOLATE WASATCH PERFORATIONS (4884' - 5910'), WASATCH TOP (4516):** RIH W/ 4 ½" CIBP. SET @ ~4500'. RELEASE CIBP, PUH 10', BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF 8.7 CUFT CMT (~7.6 SXS) ON TOP OF PLUG. PUH ABOVE TOC (~4400'). REVERSE CIRCULATE W/ TREATED BRINE TO 1700 (±WHERE WE WILL BE PERFORATING FOR A BIRD'S NEST WATER SAMPLE). POOH
2. **PLUG #2 ISOLATE BASE OF USDW (~3424'):** RIH AND PERFORATE @ 3415. RIH W. TBG TO ~3524'. IF YOU CAN PUMP INTO THE PERFS, PUMP A BALANCED CMT PLUG TO COVER 200' INSIDE CASING AND 100' PLUS 40% EXCESS TO COVER THE ANNULUS (31.9 CUFT, 27.7 SXS). DISPLACE CMT IF POSSIBLE TO 3324'. IF YOU CAN'T PUMP INTO THE PERFS, SET A 200' BALANCED PLUG FROM 3524'-3324' (17.44 CUFT, 15.17 SXS). POOH.
3. **PLUG #3, PROTECT BASE OF PARACHUTE (~2933'):** RIH AND PERFORATE @ 2905'. RIH W. TBG TO ~3033'. IF YOU CAN PUMP INTO THE PERFS, PUMP A BALANCED CMT PLUG TO COVER 200' INSIDE CASING AND 100' PLUS 40% EXCESS TO COVER THE ANNULUS (31.9 CUFT, 27.7 SXS). DISPLACE CMT IF POSSIBLE TO 2833'. IF YOU CAN'T PUMP INTO THE PERFS, SET A 200' BALANCED PLUG FROM 3033'-2833' (17.44 CUFT, 15.17 SXS). POOH
4. **PLUG #4, PROTECT TOP OF MAHOGANY (~2095'):** RIH AND PERFORATE @ 2195'. TRY TO ESTABLISH AN INJECTION RATE AND SEE IF YOU CAN CIRCULATE TO SURFACE. IF YOU CAN ESTABLISH AN INJECTION RATE AND CAN'T GET CIRCULATION TO SURFACE, RIH W. TBG AND A CIRC 2185'. SET CIRC AND PUMP ENOUGH CEMENT TO COVER 200' INTO ANNULUS PLUS 40% EXCESS (63.8 CUFT, 55.5 SXS) AND THEN CAP CIRC WITH 200' OF CEMENT (17.44 CUFT, 15.17 SXS). IF YOU CAN GET FLUID RETURNS AT SURFACE PUMP A LIGHTWEIGHT LEAD AND A "G" TAIL CEMENT TO GET AT LEAST 500' ABOVE THE TOP OF THE GREEN RIVER. POOH.
5. **Birds Nest Sampling:** SEE ATTACHED BIRD'S NEST WATER SAMPLING PROCEDURE TO OBTAIN A WATER SAMPLE FROM 1731'-1747'. BASED ON THE WATER SAMPLES, A DECISION WILL BE MADE ON WHETHER TO CONVERT THE WELL TO A SWD MONITORING WELL OR TO CONTINUE ON WITH THE P&A PROCEDURE.
6. **PLUG #5, PROTECT TOP OF BIRD'S NEST (~1500') & TOP OF GREEN RIVER (1335'):** IN STEP 4 IF CEMENT WAS CIRCULATED TO SURFACE, RUN A CBL FROM AS DEEP AS YOU CAN TO SURFACE. EVALUATE CBL. IF CEMENT IN THE ANNULUS IS NEEDED, PERFORATE CASING BASED ON CBL TO TRY AND GET CEMENT TO SURFACE OR AT LEAST 100' ABOVE THE TOP OF THE GREEN RIVER. ALSO SET A PLUG INSIDE THE 4 ½" FROM 1600' TO 1235' (365', 31.8 CUFT, 27.7 SXS). PUH ABOVE THE TOC AND REVERSE CIRCULATE W/ TREATED BRINE TO SURFACE. POOH W/ TBG.

7. **PLUG #6, SURFACE SHOE (~200' KB) & SURFACE HOLE:** RIH W/ WIRELINE, PERFORATE @ 250' W/ 4 SPF. POOH W/ WIRELINE. RU CEMENT SERVICE TO PROD CSG. PUMP A MAXIMUM OF 97.8 CUFT. (~85 SXS) OR SUFFICIENT VOLUME TO FILL ANNULUS (IF NEEDED) AND CASING TO SURFACE.
8. CUT OFF WELLHEAD AND INSTALL MARKER PER BLM GUIDELINES.
9. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB.

## **INJECTION ZONE WATER SAMPLING FOR SWD WELLS**

1. If workover fluid has been pumped into the well for corrective action requirements (i.e. squeeze work, RAT's test, etc) near the proposed injection interval, get an accurate record of the volume pumped to account for and also obtain a sample of the workover fluid for reference purposes.
2. RIH with tubing to the  $\pm$ top of the proposed perforated interval (1731'). Rig up swab equipment and swab the fluid level to 500' above proposed perforated interval so the well can be perforated under-balanced.
3. POOH with the tubing
4. RIH and under-balance perforate the proposed interval (1731'-1747') with the appropriate sized guns. POOH with the perforating guns.
5. RIH with tubing to the  $\pm$ top of the perforated interval
6. R/U to Swab or Nitrogen lift the well to get a representative fluid sample of the injection interval. NOTE: It may be necessary to break-down and/or acidize the perforations in order obtain adequate fluid entry into the wellbore.
  - a. Have a chemical company representative on location to take regular samples and monitor chlorides, potassium, and pH of the water.
  - b. Document field readings of Load Water Volume to Recover, Time, Volume of Fluid Recovered, Chlorides, pH during the entire field sampling process. (See Attached Table.)
  - c. Continue Swabbing or nitrogen lifting the well until all fluid that has been put into the well from corrective action operations has been accounted for. NOTE: A minimum of twice the volume of load water will be produced back from the well prior to sampling.
  - d. Once the chlorides, potassium, and pH have stabilized and look to be representative of the injection zone interval, take three last successive samples (plus selected previous samples for comparisons) in for complete water analysis to measure for TDS, pH, SG, and conductivity.
  - e. Collect one additional sample and put into a provided bottle to be sent off to check for the presence of Naturally Occurring Hydrocarbons (as per instructions from Humble Geochemical Services).
  - f. Continue to stay rigged up and wait for the water analysis to come back to confirm that the samples show a stabilized TDS, pH, SG, and conductivity. If samples show consistency, consider the samples to be representative of the injection zone water, otherwise continue to resample.



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-23612
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> CIGE 79D
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047308960000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6007 Ext
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1303 FNL 1209 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 01 Township: 10.0S Range: 21.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

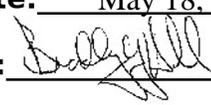
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 5/14/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

THE SUBJECT WELL'S PRODUCING FORMATION (WASATCH) WAS PLUGGED AND ABANDONED ON 4/7/2010. THE BIRD'S NEST FORMATION WAS PERFORATED AND WATER SAMPLES WERE TAKEN AND ANALYZED. THE OPERATOR REQUESTS AUTHORIZATION TO CONVERT THIS WELL TO A SWD MONITOR WELL. PER RECOMENDATION OF THE OPERATOR AND THE EPA, THIS WELL IS BEING CONVERTED TO A SWD MONITOR WELL IN ORDER TO MONITOR INJECTION INTO THE BIRD'S NEST FORMATION. THE OPERATOR HAS BEEN WORKING WITH THE EPA ON THIS PLAN. EPA HAS SEEN AND HELPED PREPARE THE DRAFT PROPOSALS AND WERE WAITING ON THIS WELL TO FINALIZE THE MONITORING PLAN. THE OPERATOR REQUESTS THAT THIS WELL BE CONVERTED TO A SWD MONITOR WELL AND THAT THE FINAL PLUG AND ABANDONEMENT OPERATIONS BE POSTPONED UNTIL WE CAN FINALLY PLUG THE WELLBORE. PLEASE SEE THE ATTACHED CHRONOLOGICAL WELL HISTORY.

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

Date: May 18, 2010

By: 

<b>NAME (PLEASE PRINT)</b> Andy Lytle	<b>PHONE NUMBER</b> 720 929-6100	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 5/12/2010

**US ROCKIES REGION**  
**Operation Summary Report**

Well: CIGE 79D							Spud Date:			
Project: UTAH-UINTAH				Site: CIGE 79D			Rig Name No: SWABBCO 1/1			
Event: ABANDONMENT				Start Date: 3/23/2010			End Date:			
Active Datum: RKB @0.00ft (above Mean Sea Level)				UWI: CIGE 79D						
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation		
3/30/2010	7:00 - 7:15	0.25	ABAND	48		P		JSA SCANING TUBING		
	7:15 - 16:00	8.75	ABAND	30		P		MOVE RIG & EQUIP FROM CIGE 57 TO CIGE 79D, FWP= 90 PSI OPEN WELL TO PROD TNK SPOT RIG & EQUIP, RU RIG ND WELLHEAD, NU BOPS, RU SCAN TECH POOH SCANING TUBING. POOH W/ 182 JNTS 54 JNTS RED BAND, 128 JNTS YELLOW BAND SDFN SET CIBP IN AM		
3/31/2010	7:00 - 7:15	0.25	ABAND	48		P		JSA W/L SAFETY		
	7:15 - 18:30	11.25	ABAND	30		P		SIWP= 50# OPEN WELL TO FBT NU CASED HOLE SOLUTIONS PU RIH W/ GUAGE RING TO 4700' POOH PU RIH CIBP SET @ 4600' POOH RD W/L FILL HOLE W/ TMAC PRESS TEST CASING & CIBP TO 500 PSI 15 MIN, PU RIH W/ NOTCHED 1.87XN TAG CIBP LD 1 JNT EOT @ 4588' NU PRO PETRO EST CIRC PUMP 10 SKS CEM ON CIBP LD 7 JNTS REV CIRC SPOTTING 44 BBLS BRINE WTR, LD 28 JNTS POOH W/ 113 JNTS, RU W/L PU RIH W/ PERF GUN PERF CAS @ 3415' POOH LD W/L RIH W/ 113 JNTS EOT @ 3521' RU CEM EQUIP FILL HOLE TRY TO INJ IN PERFS 1100 PSI NO INJ, MIX & PUMP 16 SKS CEM, 200' BALANCED PLUG, LD 7 JNTS NU REV CIRC CLEAN LD 9 JNTS POOH W/ 97 JNTS PREP TO PERF IN AM SWIFN [FOUGHT HIGH WINDS ALL DAY]		
4/1/2010	7:00 - 7:15	0.25	ABAND	48		P		JSA PUMP CEM JNT COUNT		
	7:15 - 17:00	9.75	ABAND	30		P		SIWP= 0 PSI RU RIH W/ PERF GUN PERF @ 2905' W/ 4 SPF 4 HOLES POOH W/ W/L CLOSE BLIND RAMS TRY TO EST INJ RATE PRESS UP TO 1200 PSI TEST NO INJ RIH W/ 97 JNTS EOT @ 3020' MIX & PUMP 200' BAL PLUG 16 SKS LD 7 JNTS REV CIRC CLEAN POOH W/ 70 JNTS, PU RIH W/ PERF GUN SHOT HOLES @ 2195' 4 SPF 4 HOLES POOH LD W/L CLOSE BLIND RAMS NU RIG PUMP FILL HOLE PRESS UP TO 1100 PSI BROKE EST INJ RATE 1-1/2 BPM @ 400 PSI, PU CIRC RIH SET @ 2176' RU PRO PETRO EST INJRATE 3 BPM @ 800 PSI NO COMM THRU SURFACE, MIX & PUMP 70 SKS CEM 200' IN ANN. W/ 40% EXCESS & 200' ABOVE CIRC LD 7 JNTS EOT @ 1962' REV CIRC CLEAN LD 7 JNTS EOT @ 1745' RU & SWAB FLUID LEVEL DOWN TO 1300' FROM SURFACE POOH LD SETTING TOOL RU W/L RIH PERF BIRDS NEST @ 1731'-1747' POOH RD W/L, PU NOTCHED 1.87XN TIH W/55 JNTS EOT @ 1714.12' SWIFW.		
4/5/2010	7:00 - 7:15	0.25	ABAND	48		P		JSA= SWABBING		
	7:15 - 17:00	9.75	ABAND	30		P		SIWP=0 # RU SWAB RIH TAG FLUID @ 1300' MAKE 4 RUNS TAG FLUID @ 1600' CANT PULL FLUID TO SURFACE RU RIG PUMP FILL HOLE W/ TMAC PRESS UP TO 1500# NO INJ POOH W/ TUBING FILL HOLE PRESS UP TO 3500# NO BREAK ORDER W/L TO DUMP BAIL ACID, RU W/L FILL BAILER W/ 15 GAL ACID RIH TO 1660' BTM OF TOOLS @ 1700' RELEASE ACID POOH W/ W/L CLOSE RAMS PRESS ON CASING 2800# BRKE, INJ RATE 1-1/2 BPM @ 400# INJ 5 BBLS RIH W/ TUBING RU SWAB. MAKE 13 RUNS REC 28 BBLS FLUD LEVEL STABILIZED @ 1200' SWIFN SWAB TOMOROW		

US ROCKIES REGION  
**Operation Summary Report**

Well: CIGE 79D		Spud Date:	
Project: UTAH-UINTAH		Site: CIGE 79D	Rig Name No: SWABBCO 1/1
Event: ABANDONMENT		Start Date: 3/23/2010	End Date:
Active Datum: RKB @0.00ft (above Mean Sea Level)		UWI: CIGE 79D	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
4/6/2010	7:00 - 7:15	0.25	ABAND	48		P		JSA= SWABBING
	7:15 - 17:00	9.75	ABAND	30		P		SIWP= 0# RU SWAB RIH TAG FL @ 600' REC SAMPLES OF FIRST 2 RUNS CONTINUE SWABBING NEED TO REC 20 BBLS BEFORE SAMPLES, MADE TOTAL OF 31 RUNS REC 73 BBLS CAUGHT 13 SAMPLES. SWIFN
4/7/2010	7:00 - 7:15	0.25	ABAND	48		P		JSA RIGGING DOWN
	7:15 - 17:00	9.75	ABAND	30		P		SIWP= 0 PSI RI SWAB EQUIP RIH TAG FLUID @ 500' SWAB DOWN TO 1500' MAKE RUN EVERY 15 MIN, MAD 37 RUNS, REC 34 BBLS, COLLECT 16 SAMPLES, ALL INFO KEPT ON SWAB REPORT, SWIFN TOTAL FLUID REC=122 BBLS PREP TO NU MOVE IN AM



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

April 14, 2011

CERTIFIED MAIL NO.: 7005 1820 0001 5562 9054

Ms. Julie Jacobson  
Kerr McGee Oil and Gas  
1099 18<sup>th</sup> St, Ste 1800  
Denver CO 80202

43 047 30896  
CIGE 79D  
IDS 21E 1

Subject: SECOND NOTICE: Extended Shut-in and Temporarily Abandoned Well Requirements for Wells on Fee or State Leases

Dear Ms. Jacobson:

As of January 2011, Kerr McGee Oil and Gas (Kerr McGee) has one (1) Fee Lease Well and sixteen (16) State Lease Wells (see Attachment A) that are in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Wells SI/TA beyond twelve (12) consecutive months requires the filing of a Sundry Notice in accordance with R649-3-36-1 for Utah Division of Oil, Gas & Mining (Division) approval. Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (R649-3-36-1.3.3).

This is the **SECOND NOTICE** of non-compliance that Kerr McGee has received for wells listed as such on Attachment A. In March and April 2009 via certified mail the first notices were sent requesting required information to bring wells into compliance. Kerr McGee sent response dated April 7, 2009, which listed future plans for the wells. The Division sent Kerr McGee a "request denied" (in regard to SI/TA extension status) dated April 28, 2009. This denial was sent due to lack of addressing the requirements per Rule R649-3-36. Second notices were sent via certified mail in July 2009. Additional correspondence from Kerr McGee was received and four (4) of the aforementioned wells (Attachment A) had been granted SI/TA extensions which have since expired. To date the Division has not received additional information nor seen any progress being made to move the wells out of non-compliance status.

This is also a **reissuance of a FIRST NOTICE** for wells listed as such on Attachment A as they previously had notices sent on October 1, 2008. It is also a First Notice for wells that have recently been added to Kerr McGee's non compliance list. Please submit the required information for extended SI/TA status within 30 days of this notice or further actions will be initiated.



Page 2  
Kerr McGee Oil and Gas  
April 14, 2011

For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

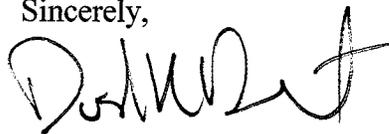
Please note that the Divisions preferred method for showing well integrity is by MIT

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet  
Petroleum Engineer

DKD/JP/js  
Enclosure  
cc: Compliance File  
Well File  
LaVonne Garrison, SITLA

# ATTACHMENT A

	Well Name	API	LEASE	Years Inactive	SI/TA Extension Expired On
<b>Reissued 2<sup>ND</sup> NOTICE</b>					
1	LOVE 1121-16F	43-047-36253	ML-46532	3 Years 2 Months	
2	NBU 1021-1G	43-047-39001	ML-23612	3 Years 2 Months	12/31/2010
3	NBU 1022-13I4S	43-047-39475	STUO-08512-ST	3 Years 2 Months	12/13/2010
4	NBU 3-2B	43-047-30267	ML-22651	3 Years 5 Months	
<b>Reissued 1<sup>ST</sup> NOTICE</b>					
5	BONANZA 1023-16J	43-047-37092	ML-22186-A	3 Years 10 Months	12/31/2010
6	NBU 921-34J	43-047-37953	STATE	3 Years 6 Months	9/01/2009
<b>1<sup>ST</sup> NOTICE</b>					
7	HALL ET AL 31 18	43-047-30664	FEE	2 Years 5 Months	
8	STATE 921-27L	43-047-32466	U-01194AST	2 Years 2 Months	
9	NBU 1022-16O	43-047-35945	ML-3276	2 Years 2 Months	
10	NBU 1022-16E	43-047-35949	ML-3276	1 Year 1 Month	
11	LOOKOUT POINT STATE 1-16	43-047-30544	ML-22186-A	1 Year 9 Months	
12	CIGE 79D	43-047-30896	ML-23612	1 Year 1 Month	
13	CIGE 240	43-047-33207	ML-22935	1 Year 9 Months	
14	OURAY 32-146	43-047-33623	ML-22052	1 Year 9 Months	
15	NBU 921-34L	43-047-36388	STUO-1194-AST	1 Year 9 Months	
16	NBU 921-33J	43-047-36394	STUO-015630-ST	1 Year 11 Months	
17	NBU 438-19E	43-047-37534	ML-22792	1 Year	





May 12, 2011

Dustin K. Doucet  
Petroleum Engineer  
Division of Natural Resources, Division of Oil, Gas and Mining  
State of Utah  
PO Box 145801  
Salt Lake City UT 84114-5801

Dear Mr. ~~Doucet~~: *Dustin*

We are in receipt of your letter dated April 14, 2011, regarding the shut-in and temporarily abandoned status of 17 wells operated by Kerr McGee Oil and Gas.

The attached list explains the status of each well referenced in your April 14, 2011, letter.

Please do not hesitate to contact me if you have any questions or concerns. I can be reached at 720-929-6515.

Sincerely,

A handwritten signature in cursive script that reads 'Julie A. Jacobson'.

Julie A. Jacobson  
Regulatory Affairs Supervisor

Attachment

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
For Record Only

RECEIVED  
MAY 16 2011  
DIV. OF OIL, GAS & MINING

Anadarko Response to UDOGM Letter of April 14, 2011

Well Name	API	Lease	Status / Comment
Love 1121-16F	43-047-36253	ML-46532	P&A procedure will be submitted by June 3, 2011. ✓
NBU 1021-1G	43-047-39001	ML-23612	Sundry approved on 5/3/2011 to convert to Birds Nest Monitor well. ✓
NBU 1022-13I4S	43-047-39475	STUO-08512-ST	P&A sundry approved 4/19/2011; will be plugged in summer.
NBU 3-2B	43-047-30267	ML-22651	P&A procedure will be submitted by June 3, 2011. ✓
Bonanza 1023-16J	43-047-37092	ML-22186-A	TA approved by State on 4/19/2011. EXT to 12/31/2011
NBU 921-34J	43-047-37953	State	Sundry to convert to a Birds Nest monitoring well will be submitted by June 3, 2011. ✓
Hall ET AL 31 18	43-047-30664	Fee	Will return to production - maintenance work will be completed by July 1, 2011.
State 921-27L	43-047-32466	U-01194AST	Recomplete approved on 4/27/2011.
NBU 1022-16O	43-047-35945	ML-3276	P&A procedure will be submitted by June 3, 2011. ✓ PA'd
NBU 1022-16E	43-047-35949	ML-3276	P&A procedure will be submitted by June 3, 2011. ✓
Lookout Point State 1-16	43-047-30544	ML-22186-A	Replaced faulty surface equipment and returned to production. Recomplete procedure will be submitted by June 3, 2011; will complete recompletion operations within 30 days after receipt of an approved permit. ✓ "p"
CIGE 79D	43-047-30896	ML-23612	Converted to SWD well; UDOGM approval on May 18, 2010. ✓
CIGE 240	43-047-33207	ML-22935	Recomplete sundry approved on 4/28/2011; work will be completed with 922-29F pad.
Ouray 32-146	43-047-33623	ML-22052	Will be returned to production - workover will be performed by July 1, 2011.
NBU 921-34L	43-047-36388	STUO-1194-AST	P&A procedure will be submitted by June 3, 2011. 6/6/2011 going to convert to monitor well
NBU 921-33J	43-047-36394	STUO-015630-ST	Recomplete to the Green River sundry will be submitted by June 3, 2011.
NBU 438-19E	43-047-37534	ML-22792	P&A procedure will be submitted by June 3, 2011 (recent attempts to return production have failed). ✓

RECEIVED

MAY 16 2011

DIV. OF OIL, GAS & MINING

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
For Record Only

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-23612
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> CIGE 79D
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047308960000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6515 Ext
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1303 FNL 1209 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 01 Township: 10.0S Range: 21.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 5/18/2011	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <span style="border: 1px solid black; padding: 2px;">SWD Monitor Program</span>

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

The subject well remains a SWD monitor well and is part of the Kerr McGee/EPA SWD monitoring well program. The operator plans on this well remaining a SWD monitor well for the next year.

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

Date: 08/16/2011

By: *Derek Quist*

<b>NAME (PLEASE PRINT)</b> Andy Lytle	<b>PHONE NUMBER</b> 720 929-6100	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/14/2011	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
<b>1. TYPE OF WELL</b> Gas Well	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-23612
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>PHONE NUMBER:</b> 720 929-6511	<b>8. WELL NAME and NUMBER:</b> CIGE 79D
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1303 FNL 1209 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 01 Township: 10.0S Range: 21.0E Meridian: S	<b>9. API NUMBER:</b> 43047308960000
	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
	<b>COUNTY:</b> UINTAH
	<b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 6/4/2012	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="SWD Monitor Well"/>

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

The subject well remains a SWD monitor well and is part of the Kerr McGee/EPA SWD monitoring well program. The operator plans on this well remaining a SWD well for the next year.

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

Date: July 12, 2012  
By: *D. K. Duff*

<b>NAME (PLEASE PRINT)</b> Jaime Scharnowske	<b>PHONE NUMBER</b> 720 929-6304	<b>TITLE</b> Regularatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/4/2012	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-23612
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	8. WELL NAME and NUMBER: CIGE 79D
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1303 FNL 1209 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 01 Township: 10.0S Range: 21.0E Meridian: S	9. API NUMBER: 43047308960000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1303 FNL 1209 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 01 Township: 10.0S Range: 21.0E Meridian: S	COUNTY: UINTAH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1303 FNL 1209 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 01 Township: 10.0S Range: 21.0E Meridian: S	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/19/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="SWD Monitor Program"/>

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

The subject well remains a SWD monitor well and is part of the Kerr McGee/EPA SWD monitoring well program. The operator plans on this well remaining a SWD well for the next year.

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

Date: August 09, 2013

By: *D. K. Duff*

NAME (PLEASE PRINT) Teena Paulo	PHONE NUMBER 720 929-6236	TITLE Staff Regulatory Specialist
SIGNATURE N/A	DATE 6/20/2013	



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

September 4, 2014

CERTIFIED MAIL NO.: 7011 2970 0001 8828 1634

43 OAF 30896  
CIGE 79D  
1 10S 21E

Mr. Andy Lytle  
Kerr-McGee Oil and Gas Onshore  
1099 18<sup>TH</sup> Street  
Denver, CO 80202

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Lytle:

As of April 2014, Kerr-McGee Oil and Gas Onshore (Kerr-McGee) has nineteen (19) State Lease Wells and one (1) Fee Lease Well (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Thirteen (13) wells were added to Kerr-McGee's SI/TA list in 2014.

Seven (7) of these wells (attachment A) have previously been issued notices of non-compliance and have remained in non-compliance. Three (3) of these wells (attachment A) have been shut-in beyond five (5) years and are cause for concern due to unknown status of well integrity. The Division acknowledges that Kerr-McGee has plans to plug two (2) of the wells listed (attachment A) and has approved plugging procedures.

Kerr-McGee shall submit plans for each well stating which wells will be plugged with accompanying procedures, placed back on production, or requesting SI/TA extension with proof of wellbore integrity and good cause for such request. All wells need an individual sundry filed and are required to meet the SI/TA rules as listed below.



Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1)
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet  
Petroleum Engineer

DKD/JP/js

cc: Compliance File  
Well File

LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

# ATTACHMENT A

	Well Name	API	LEASE	Years Inactive	Prior Notice
1	BONANZA 1023-16J	43-047-37092	ML-22186-A	7 years 1 month	2 <sup>ND</sup> NOTICE
2	NBU 921-34L	43-047-36388	STUO-1194-A	5 years	2 <sup>ND</sup> NOTICE
→ 3	CIGE 79D	43-047-30896	ML-23612	4 years 4 months	2 <sup>ND</sup> NOTICE
4	NBU 921-33J (will PA 6/2/14)	43-047-36394	STUO-015630	5 years 2 months	2 <sup>ND</sup> NOTICE
5	CIGE 3-32-9-22	43-047-30320	ML-22649	3 years 11 months	1 <sup>ST</sup> NOTICE
6	NBU 31-12B	43-047-30385	ML-01197-A	2 years 10 months	1 <sup>ST</sup> NOTICE
7	NBU 69N2	43-047-31090	U-01194-ST	3 years 3 months	1 <sup>ST</sup> NOTICE
8	BONANZA 1023-2O	43-047-35662	ML-47062	1 year 1 month	
9	CIGE 140	43-047-31977	ML-10755	1 year	
10	CIGE 224	43-047-32883	ML-2252	1 year	
11	CIGE 239	43-047-33206	ML-22582	1 year 6 months	
12	CIGE 284	43-047-34792	ML-23612	1 year 2 months	
13	CIGE 5	43-047-30335	U01207A-ST	1 year 3 months	
14	HALL ET AL 31 18	43-047-30664	FEE	1 year 1 month	
15	MORGAN STATE 13-36	43-047-32817	ML-22265	1 year 11 months	
16	NBU 1021-16G	43-047-35111	ML-10755	1 year 4 months	
17	NBU 562-19E (will PA 5/23/14)	43-047-37536	ML-22792	1 year	
18	STATE 1022-32I	43-047-35648	ML-22798	1 year 2 months	
19	TRIBAL 31-60	43-047-33340	ML-28048	1 year 2 months	
20	WONSITS ST 2-32	43-047-32819	ML-47780	1 year	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
<b>1. TYPE OF WELL</b> Test Well	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-23612
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>PHONE NUMBER:</b> 720 929-6100	<b>8. WELL NAME and NUMBER:</b> CIGE 79D
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1303 FNL 1209 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 01 Township: 10.0S Range: 21.0E Meridian: S	<b>9. API NUMBER:</b> 43047308960000
	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
	<b>COUNTY:</b> Uintah
	<b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/16/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="MONITOR WELL"/>

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

The CIGE 79D remains a monitor well for the NBU 921-35J SWD well as part of the EPA SWD monitoring well program.

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
 FOR RECORD ONLY  
 September 16, 2014**

<b>NAME (PLEASE PRINT)</b> Doreen Green	<b>PHONE NUMBER</b> 435 781-9758	<b>TITLE</b> Regulatory Analyst II
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/16/2014	



October 2, 2014

State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple  
Ste. 1210  
Salt Lake City, UT 84116

RECEIVED  
OCT 09 2014  
DIV. OF OIL, GAS & MINING

**ATTENTION: Dustin Doucet**

RE: Extended Shut-in and Temporarily Abandoned Well Requirements for Fee or State Leases- UDOGM letter dated September 4, 2014

Dear Mr. Doucet,

We are in receipt of your letter dated September 4, 2014 regarding the shut-in and temporarily abandoned status of wells operated by Kerr-McGee Oil and Gas Onshore. All required sundry notices have been filed as requested in the letter. Some wells documented in the letter previously had Plug and Abandonment procedures and notice of intent sundry notices submitted. Anadarko intends to Plug and Abandon the applicable wells by the end of the first quarter-2015.

The attached list explains the current well statuses and go forward plans for each well documented in the September 4, 2014 letter.

Should you have any additional questions or concerns, please don't hesitate to contact me direct at (720) 929-6100 or via email at [andy.lytle@anadarko.com](mailto:andy.lytle@anadarko.com).

Sincerely,

A handwritten signature in black ink, appearing to be "A. Lytle", written over a white background.

Andy Lytle  
Regulatory Supervisor

WELL NAME	API	LEASE	YEARS INACTIVE	PRIOR NOTICE	COMMENTS
BONANZA 1023-16J	4304737092	ML22186A	7 YEARS 1 MONTH	2ND NOTICE	PA NOI Sundry submitted 10/03/2014.
NBU 921-34L	4304736388	STUO1194A	5 YEARS	2ND NOTICE	Sundry submitted 09/16/2014 for the conversion to a monitor well (Not previously reported in 2012) and yearly status for a monitor well.
CIGE 79D	4304730896	ML23612	4 YEARS 4 MONTHS	2ND NOTICE	Sundry submitted 09/16/2014, yearly status for a monitor well.
NBU 921-33J	4304736394	STUO015630	5 YEARS 2 MONTHS	2ND NOTICE	PA Sundry approved 07/09/2014, on rig schedule for week of October 6-2014.
CIGE 3-32-9-22	4304730320	ML22649	3 YEARS 11 MONTHS	1ST NOTICE	PA Sundry approved 08/07/2012, on rig schedule for week of October 6-2014.
NBU 31-12B	4304730385	ML01197A	2 YEARS 10 MONTHS	1ST NOTICE	PA Sundry approved 07/23/2013, on rig schedule for week of October 6-2014.
NBU 69N2	4304731090	U01194ST	3 YEARS 3 MONTHS	1ST NOTICE	PA NOI Sundry submitted 10/03/2014.
BONANZA 1023-20	4304735662	ML47062	1 YEAR 1 MONTH		Return to Production sundry submitted 10/03/2014. Producing since 04/25/2014, production accounting has been reporting production to UDOGM as of April 2014.
CIGE 140	4304731977	ML10755	1 YEAR		PA NOI Sundry submitted 10/02/2014.
CIGE 224	4304732883	ML2252	1 YEAR		PA NOI Sundry submitted 10/01/2014.
CIGE 239	4304733206	ML22582	1 YEAR 6 MONTHS		Return to Production sundry submitted 10/03/2014. Producing since 06/14/2014, production accounting has been reporting production to UDOGM as of June 2014.
CIGE 284	4304734792	ML23612	1 YEAR 2 MONTHS		Return to Production sundry submitted 10/03/2014. Producing since 03/29/2014, production accounting has been reporting production to UDOGM as of March 2014.
CIGE 5	4304730335	U01207AST	1 YEAR 3 MONTHS		Sundry submitted 10/03/2014. This well is currently surface commingled with the NBU 922-31JT-1T meter. The well was mistakenly made in-active, therefore production was not allocating. The well has been made active and is presently allocating. 12/17/2009 a sundry for surface commingling was approved by UDOGM.
HALL ET AL 31 18	4304730664	FEE	1 YEAR 1 MONTH		PA NOI Sundry submitted 09/30/2014.
MORGAN STATE 13-36	4304732817	ML22265	1 YEAR 11 MONTHS		PA NOI Sundry submitted 09/30/2014.
NBU 1021-16G	4304735111	ML10755	1 YEAR 4 MONTHS		PA NOI Sundry submitted 10/03/2014.
NBU 562-19E	4304737536	ML22792	1 YEAR		PA Sundry approved 07/09/2014, on rig schedule for week of October 6-2014.
STATE 1022-32I	4304735648	ML22798	1 YEAR 2 MONTHS		PA NOI Sundry submitted 09/30/2014.
TRIBAL 31-60	4304733340	ML28048	1 YEAR 2 MONTHS		Return to Production sundry submitted 10/03/2014. A new meter installed 09/30/2014, well is currently intermitting.
WONSITS ST 2-32	4304732819	ML47780	1 YEAR		PA NOI Sundry submitted 10/01/2014.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-23612	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
<b>1. TYPE OF WELL</b> Test Well	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>8. WELL NAME and NUMBER:</b> CIGE 79D
<b>PHONE NUMBER:</b> 720 929-6100	<b>9. API NUMBER:</b> 43047308960000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1303 FNL 1209 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 01 Township: 10.0S Range: 21.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
	<b>COUNTY:</b> UINTAH
	<b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/14/2015	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="MONITOR WELL"/>

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

The CIGE 79D remains a monitor well for the NBU 921-35J SWD well as part of the EPA SWD monitoring well program.

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
 FOR RECORD ONLY  
 September 16, 2015**

<b>NAME (PLEASE PRINT)</b> Doreen Green	<b>PHONE NUMBER</b> 435 781-9758	<b>TITLE</b> Regulatory Analyst II
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/14/2015	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-23612
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Test Well		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>8. WELL NAME and NUMBER:</b> CIGE 79D
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>9. API NUMBER:</b> 43047308960000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1303 FNL 1209 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 01 Township: 10.0S Range: 21.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/13/2016	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="MONITOR WELL"/>

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

The CIGE 79D remains a back-up monitor well for the NBU 921-35J  
SWD well as part of the EPA SWD monitoring well program.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
September 16, 2016**

<b>NAME (PLEASE PRINT)</b> Candice Barber	<b>PHONE NUMBER</b> 435 781-9749	<b>TITLE</b> HSE Representative
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/13/2016	