

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

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
DRILL  DEEPEN  PLUG BACK

b. Type of Well  
Oil Well  Gas Well  Other   
Single Zone  Multiple Zone

2. Name of Operator  
Coastal Oil & Gas Corporation

3. Address of Operator  
P.O. Box 749, Denver, CO 80201

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*  
At surface  
575' FSL/650' FWL (SW SW)

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) 575'

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft. 5462'

21. Elevations (Show whether DF, RT, GR, etc.)  
5099' Ungr. Gr.

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth
12-1/4"	9-5/8"	36#	200'
8-3/4", 7-7/8"	4-1/2"	11.6#	6400'

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

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

7. Unit Agreement Name  
Natural Buttes Unit

8. Farm or Lease Name  
Natural Buttes Unit

9. Well No.  
Natural Buttes Unit No. 69

10. Field and Pool, or Wildcat  
Natural Buttes Field

11. Sec., T., R., M., or Blk. and Survey or Area.  
Section 35-T9S-R21E

12. County or Parrish 13. State  
Uintah Utah

16. No. of acres in lease 1082.97

17. No. of acres assigned to this well 160

19. Proposed depth 6400 (Wasatch)

20. Rotary or cable tools Rotary

22. Approx. date work will start\* 1/15/82

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

Please see the attached supplemental information:

- (1) Survey Plat
- (2) Location layout and cut & fill
- (3) Topo map indicating location and access
- (4) BOP program and Schematic

Gas Well Production Hook-up to follow in Sundry Notice.

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

24. Signed H. E. Aab Title District Drilling Manager Date Sept. 8, 1981  
(This space for Federal or State office use)

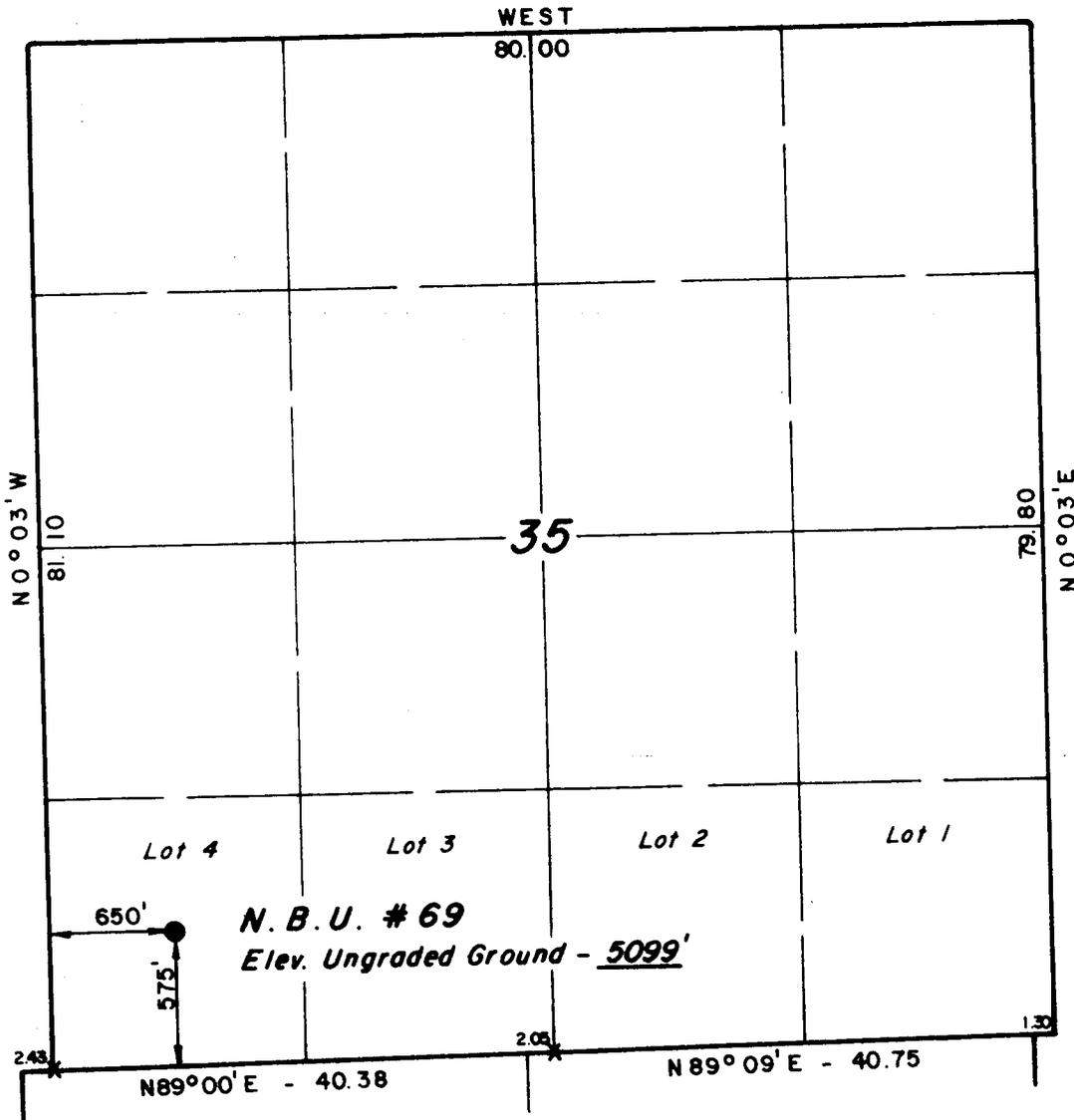
Permit No. \_\_\_\_\_ Approval Date \_\_\_\_\_  
Approved by \_\_\_\_\_ Title \_\_\_\_\_  
Conditions of approval, if any:

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE 9/15/81  
BY: CB [Signature]

T 9 S , R 2 I E , S.L.B.&M.

PROJECT  
**COASTAL OIL & GAS CORPORATION**

Well location, N.B.U. # 69, located as shown in the SW1/4SW1/4 (Lot 4) Section 35, T9S, 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

*Lawrence Kay*

REGISTERED LAND SURVEYOR  
 REGISTRATION NO 3137  
 STATE OF UTAH

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

SCALE	1" = 1000'	DATE	9/1/81
PARTY	RK BK RP	REFERENCES	GLO PLAT
WEATHER	Fair	FILE	COASTAL

X = Section Corners Located

COASTAL OIL & GAS CORPORATION

**NBU #69**

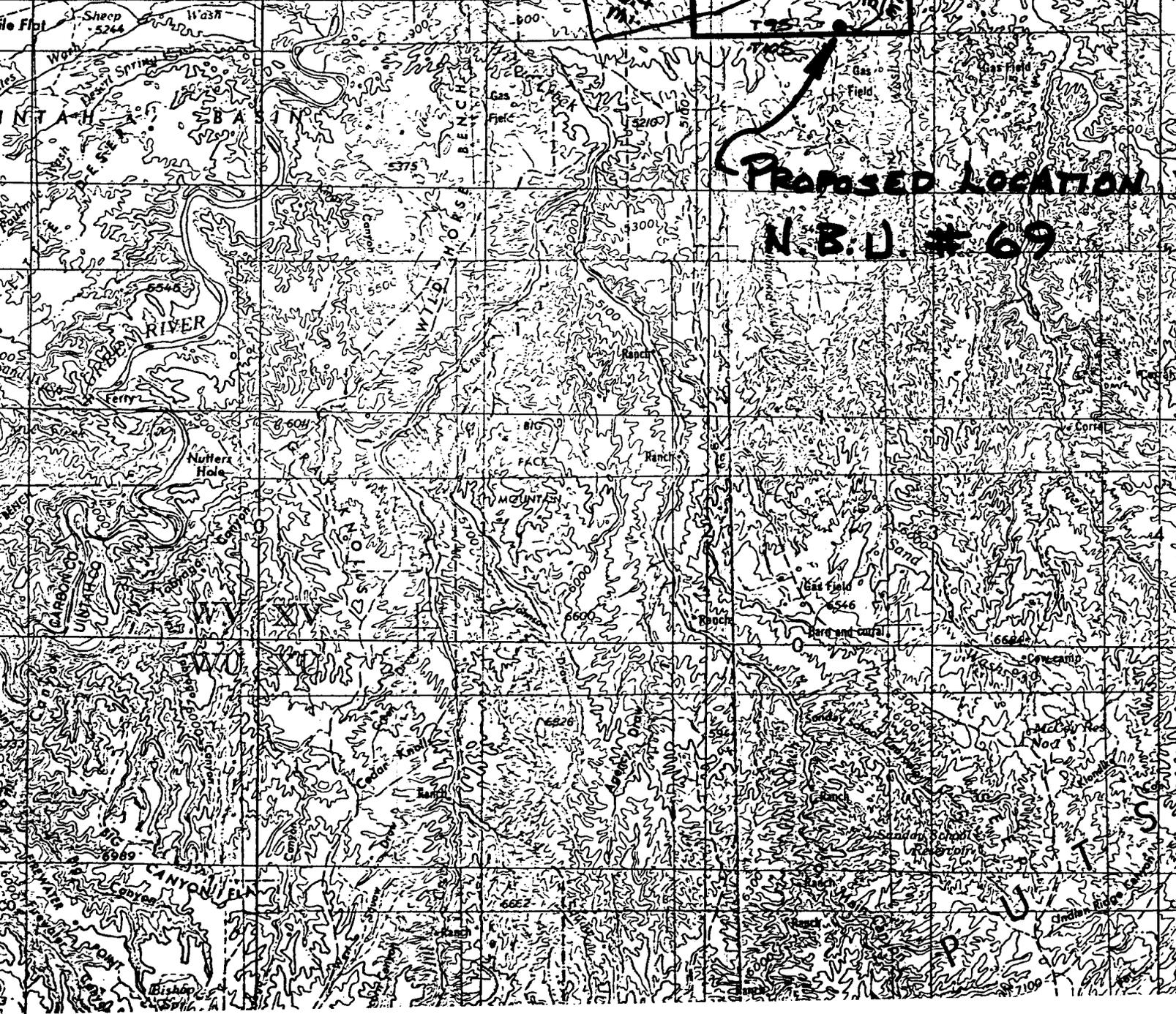
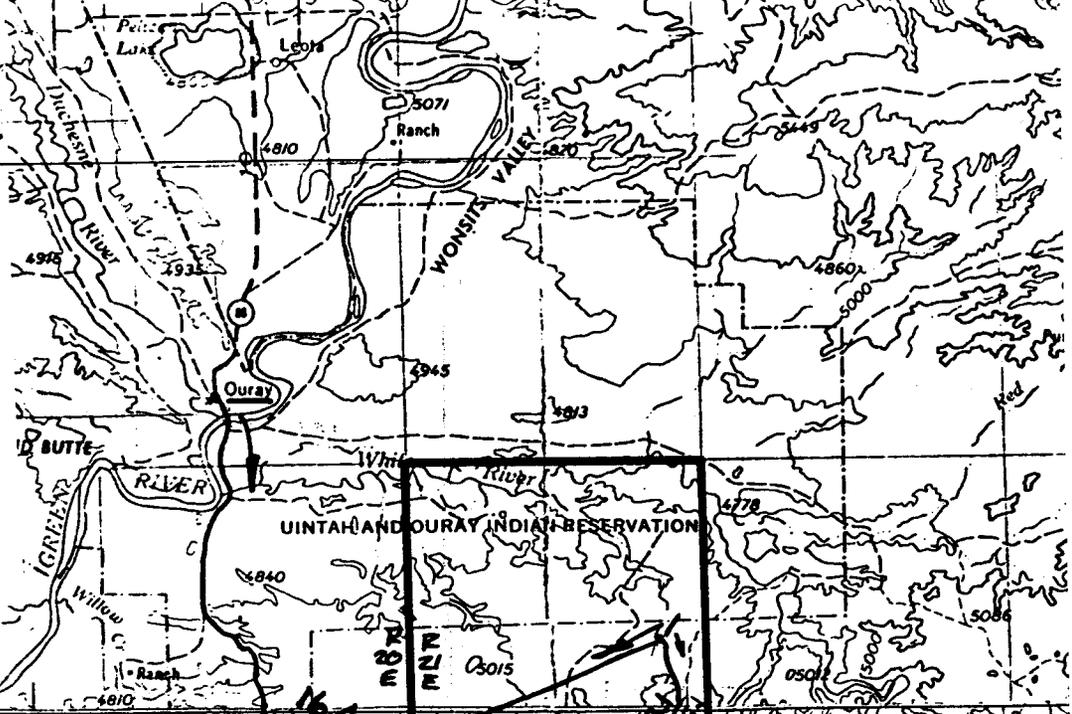
PROPOSED LOCATION

TOPO.

MAP "A"



SCALE - 1" = 4 Mi.



**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.

**Bottom:**

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

**Top:**

Grant rotating head

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

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

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

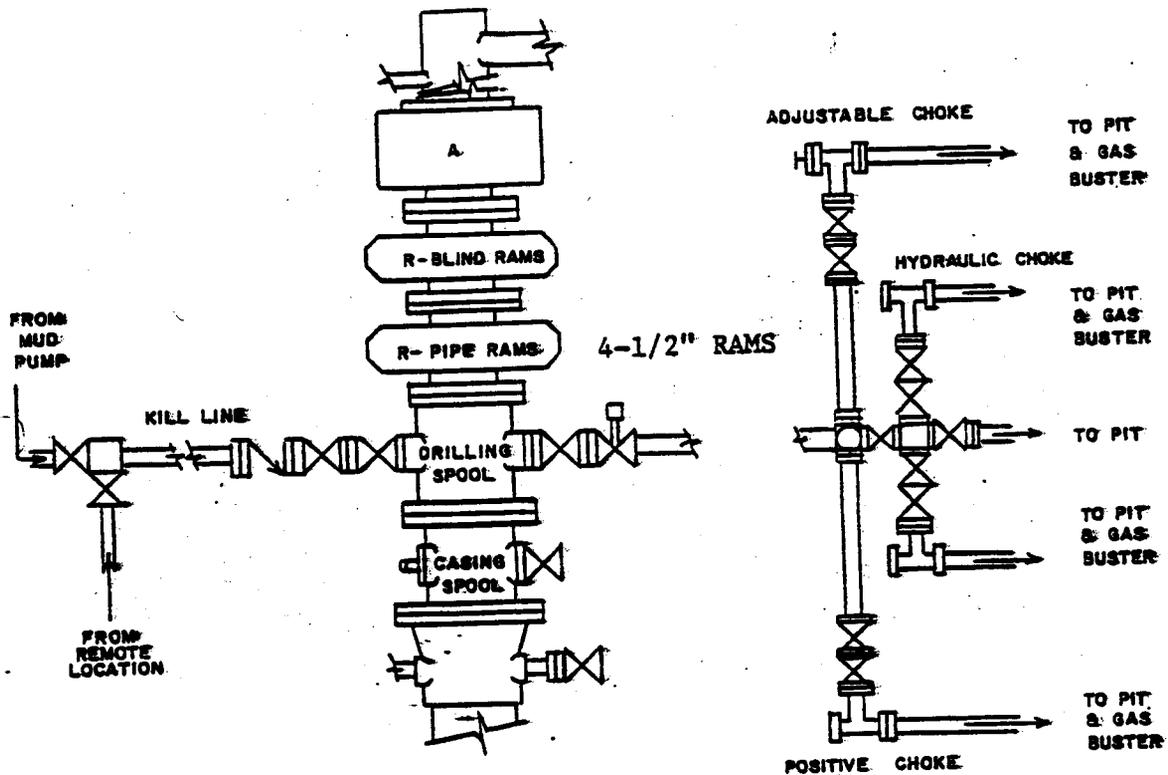
The well will be drilled with fresh water mud from surface to 4500' with a weight of 8.3 to 8.7 ppg. From 4500' to TD the well will be drilled with fresh water mud with a weight from 8.7 to 10.4 ppg.

**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.

3000 psi

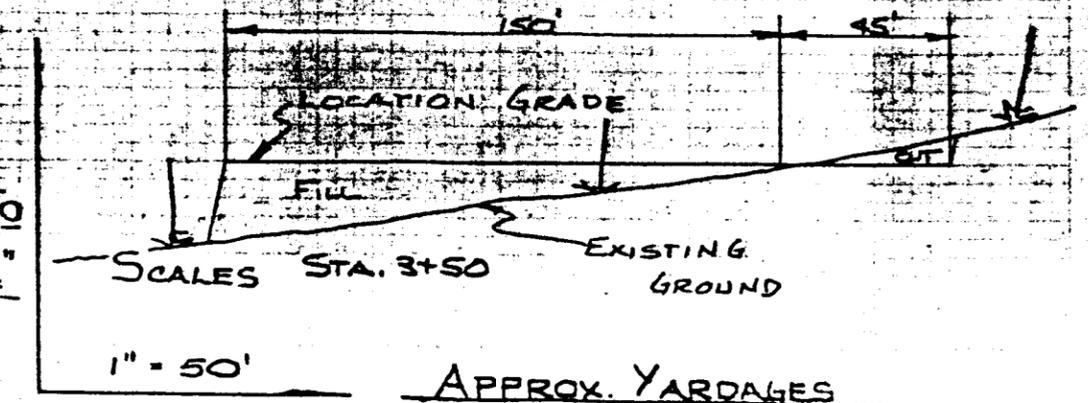
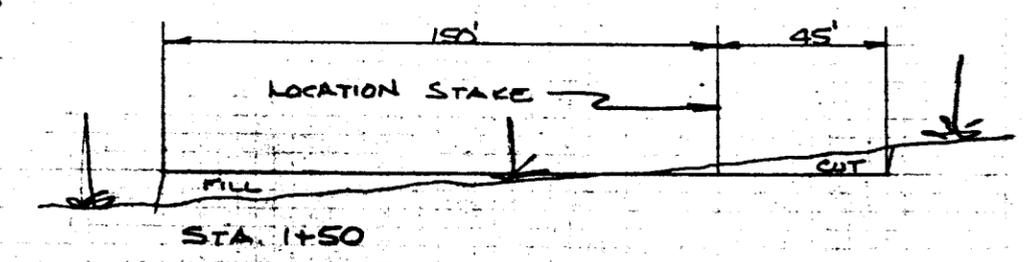
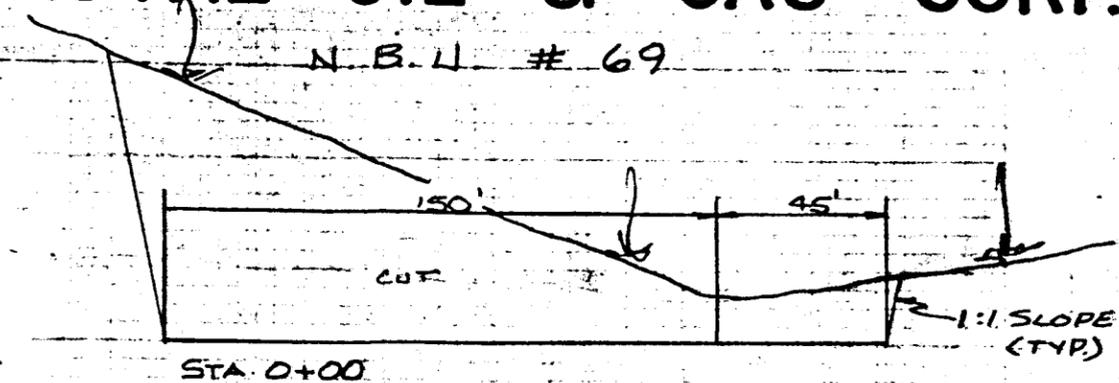
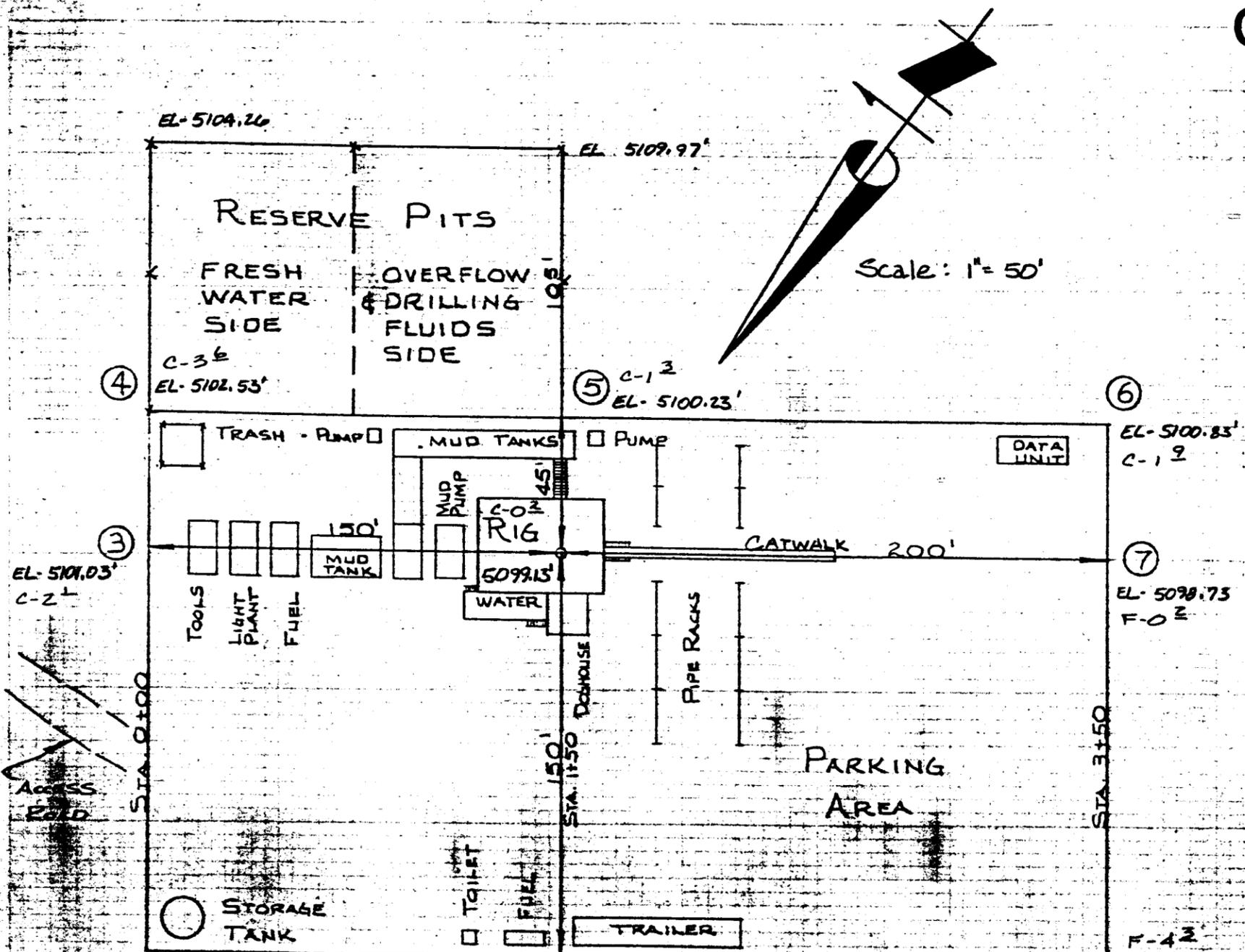
Working Pressure BOP's



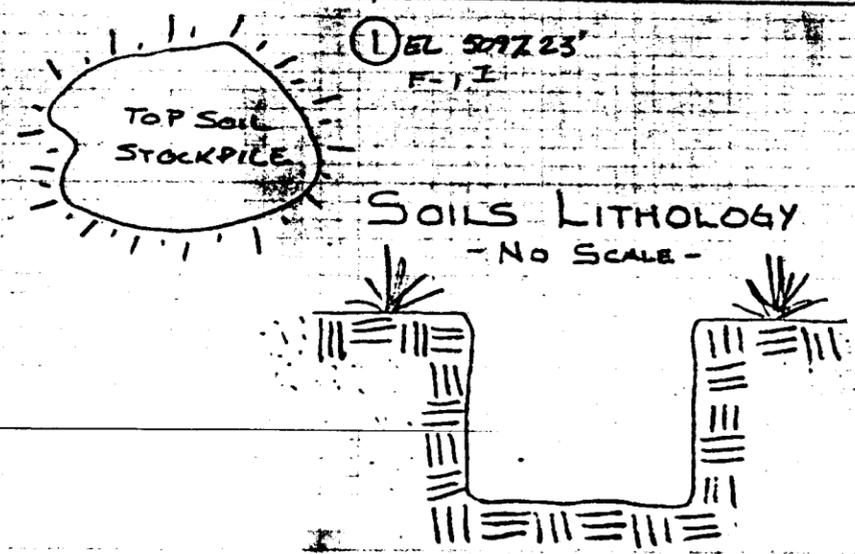
### Test Procedure

- 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.

# COASTAL OIL & GAS CORP.



CROSS SECTIONS



LIGHT BROWN SANDY CLAY

APPROX. YARDAGES

CUT - 4394  
FILL - 2095

CONTAL OIL & GAS CORPORATION

NBU #69

PROPOSED LOCATION

TOPO. MAP "B"

SCALE - 1" = 2000'

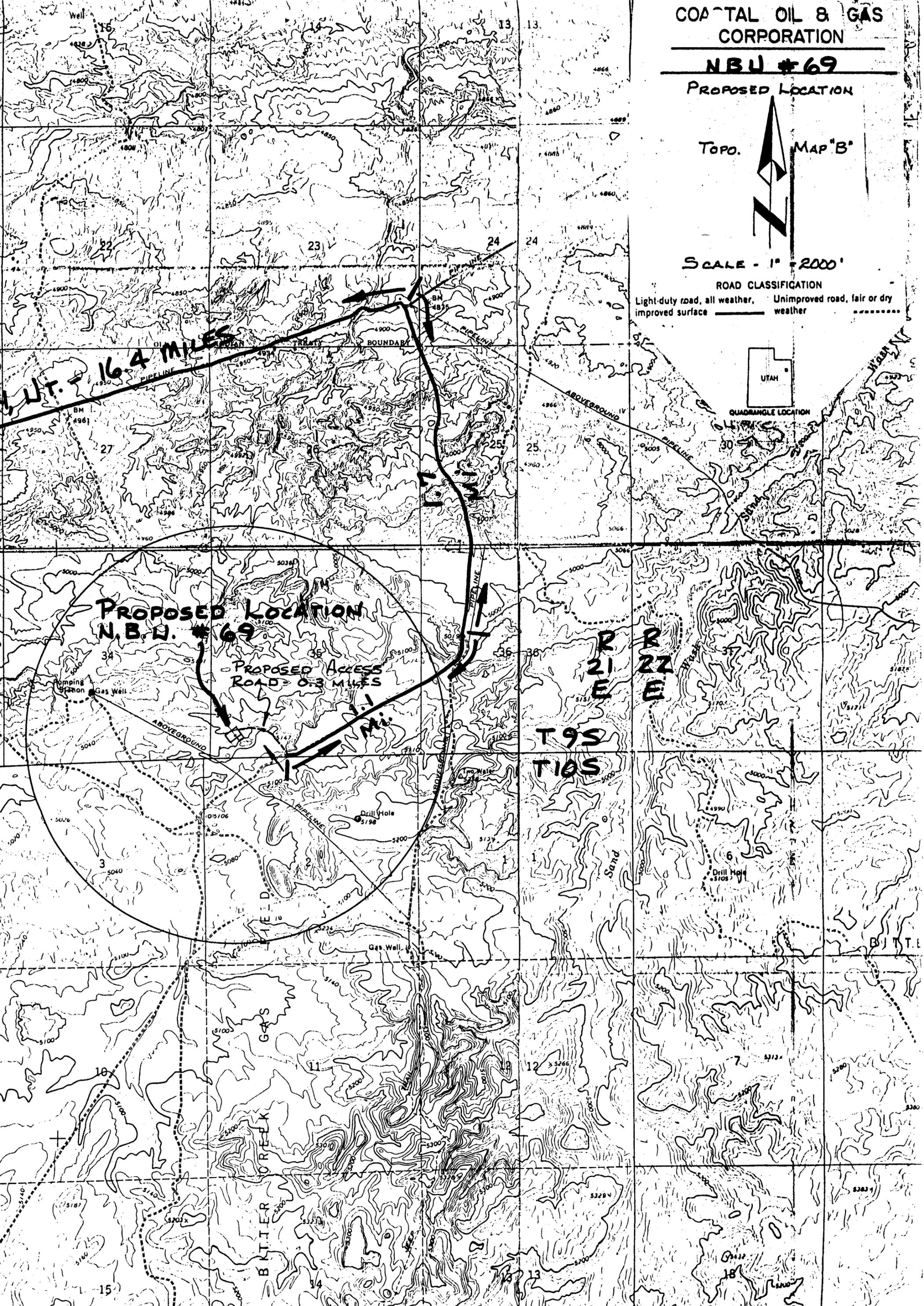
ROAD CLASSIFICATION

Light-duty road, all weather, improved surface      Unimproved road, fair or dry weather



UTAH

QUADRANGLE LOCATION



UT. - 16.4 MILES

PROPOSED LOCATION  
N.B.U. #69

PROPOSED ACCESS  
ROAD - 0.3 MILES

1.1 Mi

R 21 E  
R 22 E  
T 9 S  
T 10 S

BUTLER CREEK

Sand

BITT.

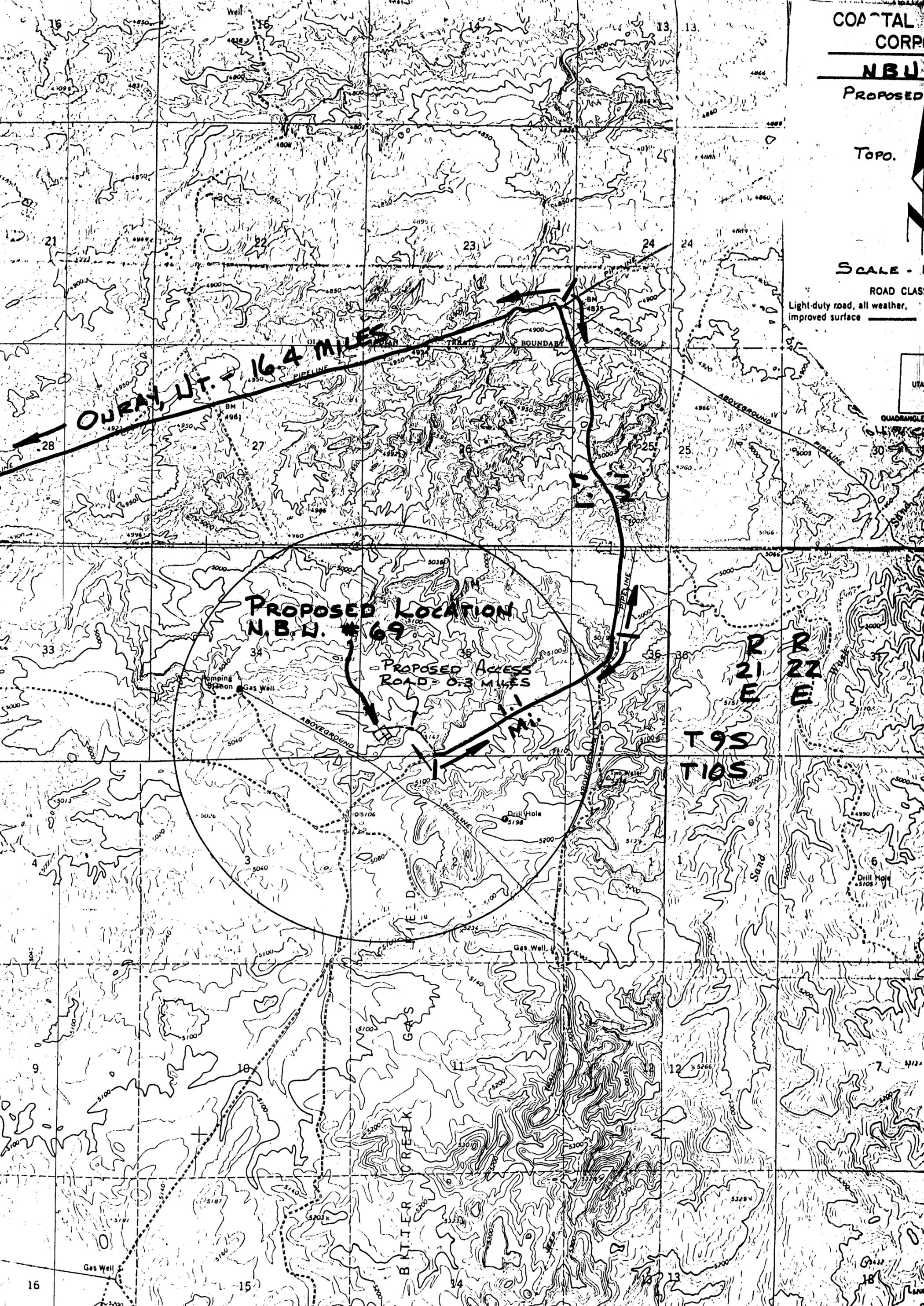
COASTAL  
CORP  
N.B.U.  
PROPOSED

TOPO.

SCALE -

ROAD CLASS

Light-duty road, all weather,  
improved surface



OURAY, UT. - 16.4 MILES

PROPOSED LOCATION  
N.B.U. #69

PROPOSED ACCESS  
ROAD - 0.3 MILES

R R  
21 E 22 E  
T 9 S  
T 10 S

GAS

BUTLER CREEK

Sand

Drill Hole  
5198

Gas Well

Pumping Station  
Gas Well

BM  
4875

BM  
4961

Drill Hole  
5105

Drill

\*\* FILE NOTATIONS \*\*

DATE: Sept. 15, 1981  
OPERATOR: Coastal Ditch Gas Corp.  
WELL NO: N.B.U. #69  
Location: Sec. 35 T. 9S R. 21E County: Uintah

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

API Number 43-047-31090

CHECKED BY:

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

Director: OK Unit Well  
\_\_\_\_\_

Administrative Aide: Unit Well, ok on boundaries  
\_\_\_\_\_

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.

September 15, 1981

Coastal Oil & Gas Corp.  
P. O. Box 749  
Denver, Colo. 80201

RE: Well No. Natural Buttes Unit #69,  
Sec. 35, T. 9S, R. 21E,  
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 43-047-31090.

Sincerely,

DIVISION OF OIL, GAS AND MINING

  
Cleon B. Feight  
Director

CBF/db  
CC: USGS

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. oil well  gas well  other

2. NAME OF OPERATOR  
Coastal Oil & Gas Corporation

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 575' FSL/650' FWL (SW SW)  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

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

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

5. LEASE  
U-01194-ST

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

7. UNIT AGREEMENT NAME  
Natural Buttes Unit

8. FARM OR LEASE NAME  
Natural Buttes Unit

9. WELL NO.  
Natural Buttes Unit No. 69

10. FIELD OR WILDCAT NAME  
Natural Buttes Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 35-T9S-R21E

12. COUNTY OR PARISH  
Utah

13. STATE  
Utah

14. API NO.  
43-047-31090

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5099' Ungr. Gr.

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

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

SUPPLEMENT TO APPLICATION FOR PERMIT TO DRILL

- (1) PROPOSED GAS WELL PRODUCTION HOOKUP
  - (A) TYPICAL WELL HEAD INSTALLATION
  - (B) TYPICAL MAIN LINES AND PIPE ANCHOR DETAIL
- (2) PROPOSED PIPELINE MAP
- (3) PROPOSED ROAD AND FLOW LINE AND PIPELINE RIGHT OF WAY

FOR ON-SITE CONTACT: IRA K. McCLANAHAN AT (303) 473-2300

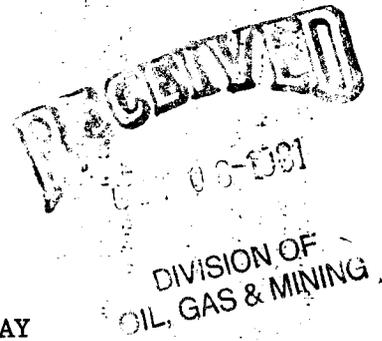
Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

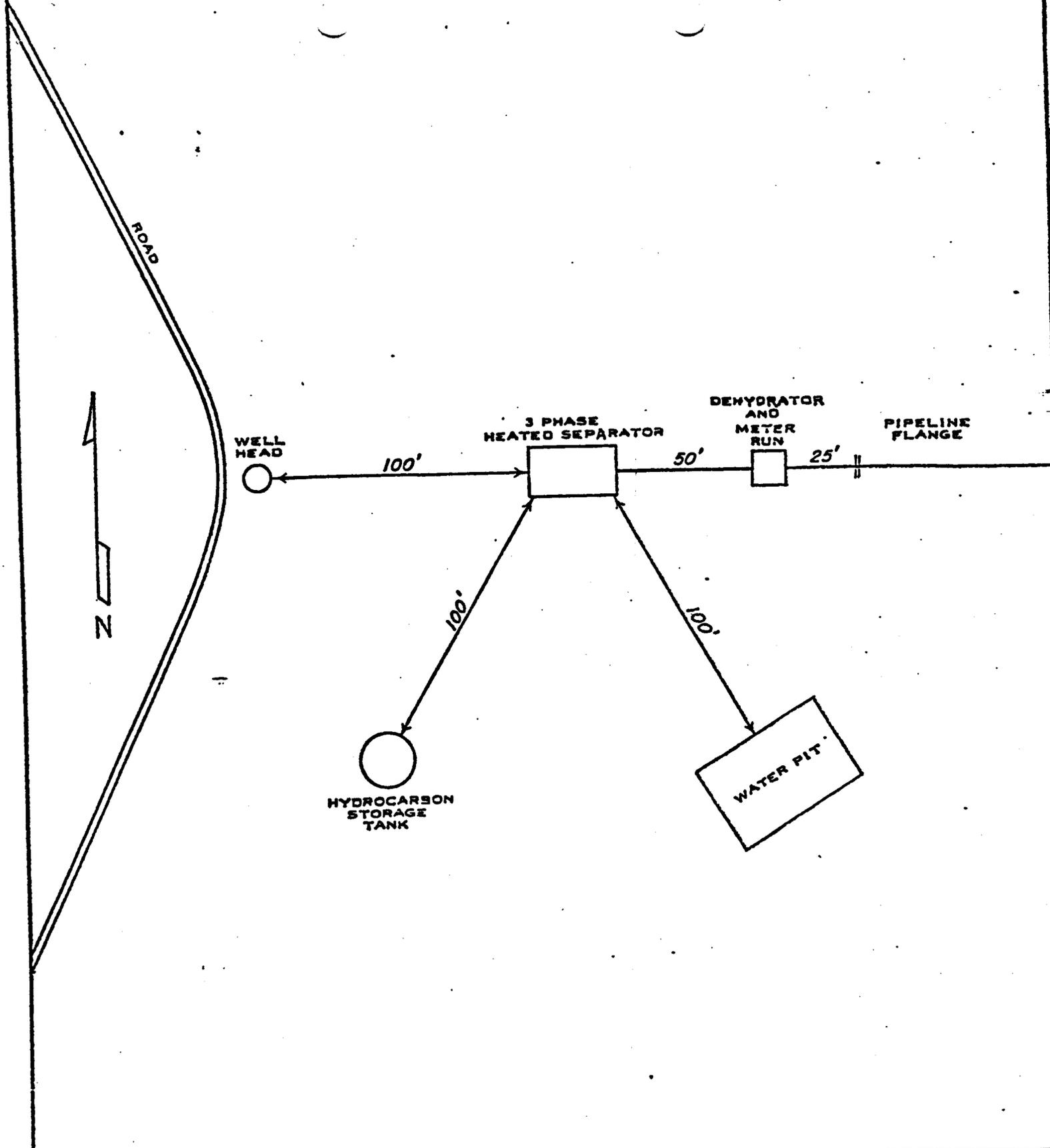
18. I hereby certify that the foregoing is true and correct

SIGNED F. R. Midkiff TITLE Production Manager DATE October 5, 1981

(This space for Federal or State office use)

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





COASTAL OIL & GAS CORPORATION  
DENVER, COLORADO

Natural Buttes Unit No. 69  
Section 35-T9S-R21E  
Uintah County, Utah

ESTIMATE SKETCH

DATE: 9-25-81  
STARTING DATE: \_\_\_\_\_  
EST. COMP. DATE: \_\_\_\_\_  
 COMPANY  CONTRACT

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

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

LOCATION: SW SW LOT 4 SEC 35-T9s-R21E COUNTY: UINTAH STATE: UTAH  
DESCRIPTION OF WORK: CONNECT NBU #69 NATURAL BUTTES FIELD

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

RANGE: 21E



GIG # 54D-35-9-21

GIG, INC.  
22182  
CO. 23213

21

35

TOWNSHIP: 9S

X-42 PIPE

NBU #69  
115FR-40  
4" MS 35.312 M W/DEHYDRATOR  
APPROX 1700' SFR 40 X 115FR-40  
4" SU 4" CHECK VALVE 115FR-40  
4" OR 4" SCOTTED CONN.  
48FR-40

191

PREPARED BY: \_\_\_\_\_ SCALE (IF ANY): 1" = 1,000'

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

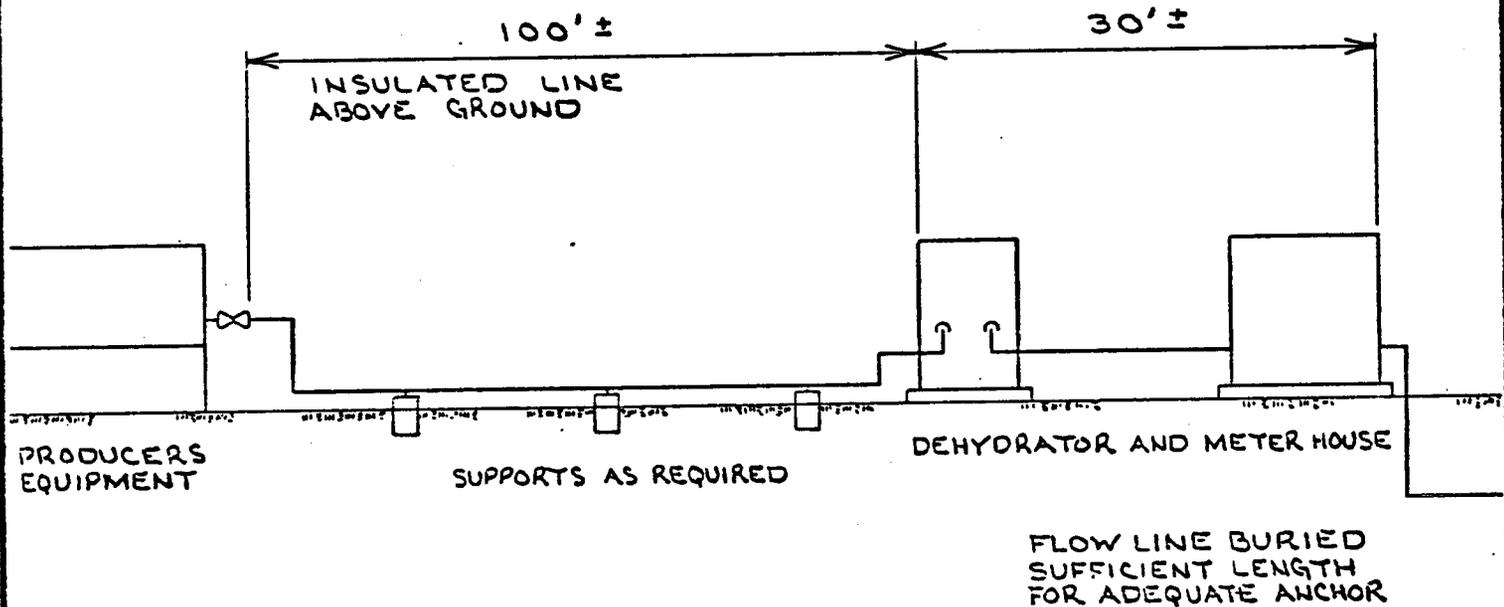
Statement for permit to lay flow line, to be included with application for Drilling Permit:

Upon approval of all concerned regulatory agencies, CIG proposes to install a surface flow line from NBU 69 in a southwesterly direction through the SW/4 of Section 35 and the NW/4 of Section 2, connecting to Line F196-4" in the NW/4 of Section 2, all in 9S-21E and 10S-21E. The line will be approximately 1,200' long, as shown on the attached sketches.

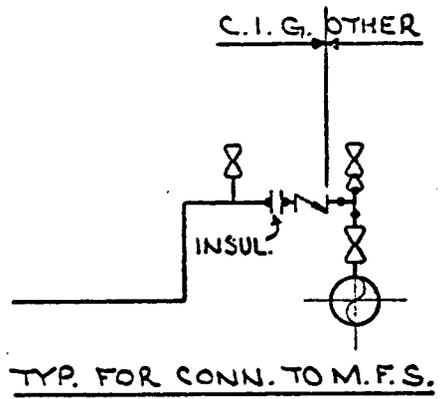
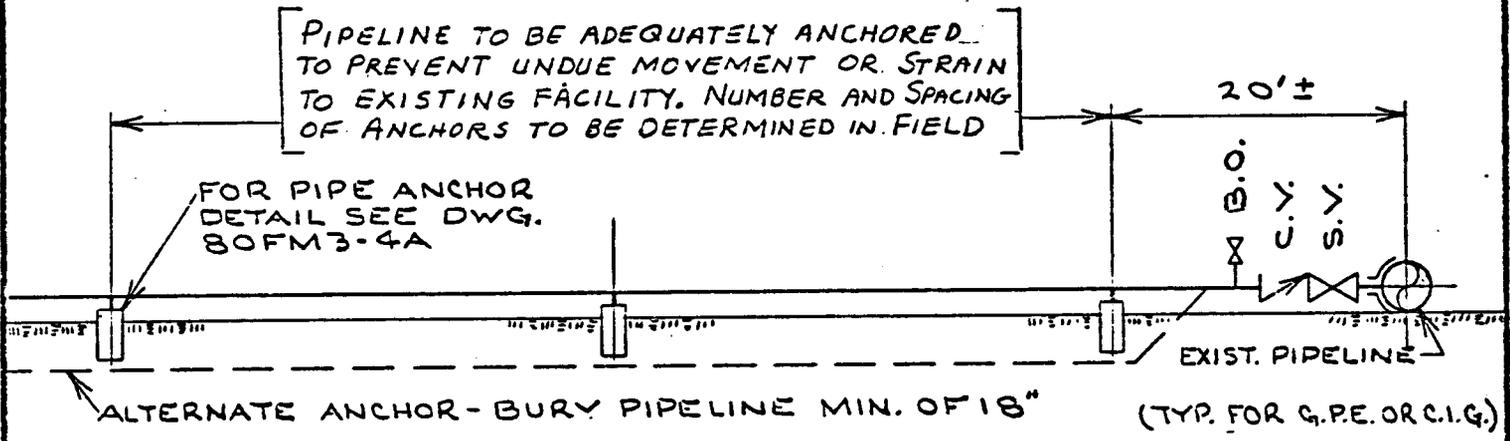
Pipe will be 4-1/2" O.D. x .125" W.T., Grade X-42 EW. It will be butt-welded in place, using portable electric welding machines, and will be laid aboveground except where burial is necessary for road crossing, ditches, or other obstructions. Magnesium anodes will be installed at the dehydrator, meter 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.



						<b>Colorado Interstate Gas Co.</b> COLORADO SPRINGS, COLORADO				
						<b>TYPICAL WELL HEAD INSTALLATION</b> <b>NATURAL BUTTES FIELD</b>				
						UINTAH COUNTY,	UTAH			
NO.	C O. NO.	DESCRIPTION	DATE	BY	CHK.	APPR.	SCALE: NONE	DRAWN: RWP	APP: .	115FP-2 1/8
REVISIONS						DATE: 7-15-77	CHECK:	C O. 23858		



Colorado Interstate Gas Co.  
 COLORADO SPRINGS, COLORADO

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

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

SCALE: NONE DRAWN: RWP APP: MM  
 115FP-1 1/8  
 7-7-77

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Coastal Oil & Gas Corp.

WELL NAME: Natural Buttes Unit #69

SECTION SWSW 35 TOWNSHIP 9S RANGE 21E COUNTY Uintah

DRILLING CONTRACTOR Westburn

RIG # 65

SPUDDED: DATE 12-22-81

TIME 12:00 PM

How Dry Hole

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

REPORTED BY Tracie Dawe

TELEPHONE # 303-572-1121

DATE January 6, 1982 SIGNED DB

NOTICE OF SPUD

WELL NAME: NBU 69 N-2

LOCATION: SW 1/4 SW 1/4 SECTION 35 T- 98 R- 21E

COUNTY: Clinton STATE: Utah

LEASE NO.: U-01194-ST LEASE EXPIRATION DATE: HBP

UNIT NAME (If Applicable): Natural Buks Unit

DATE & TIME SPURRED: 12-22-81 12:00 noon

DRY HOLE SPUDDER: Ram Air Drilling

DETAILS OF SPUD (Hole, Casing, Cement, etc.): 1 1/4" hole to 200'  
Ran 5 jts 9 5/8" casg 36# K-55 & Rd (203') Set @ 201'  
GK. Hanco cem w/125 oks 4" 3% CaO 1/2 1/4 #/jt  
Flocele. Circ. 5 bolts cem to slv. Comp @ 1:30 Pm 12-23-81.

ROTARY RIG NAME & NUMBER: Westburne #165

APPROXIMATE DATE ROTARY MOVES IN: 1-4-82

FOLLOW WITH SUNDRY NOTICE

USGS CALLED: DATE: January 6, 1982

PERSON CALLED: Jerisa Maxwell

STATE CALLED: DATE: January 6, 1982

PERSON CALLED: Debbie Beauregard

REPORTED BY: Tracy Dawe

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

5. LEASE  
U-01194-ST

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

7. UNIT AGREEMENT NAME  
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8. FARM OR LEASE NAME  
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13. STATE  
Utah

14. API NO.  
43-047-31090

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Verbal report made to USGS (Teresa) and State (Debbie) on January 6, 1982.  
Please see attached for additional details.

**RECEIVED**  
JAN 11 1982

DIVISION OF  
OIL, GAS & MINING

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

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

SIGNED H. E. Aab TITLE Dist. Drilling Mgr DATE January 6, 1982

(This space for Federal or State office use)

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) Operations		X

5. LEASE  
U-01194-ST

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

7. UNIT AGREEMENT NAME  
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10. FIELD OR WILDCAT NAME  
Natural Buttes Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 35-T9S-R21E

12. COUNTY OR PARISH | 13. STATE  
Uintah | Utah

14. API NO.  
43-047-31090

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5099' Ungr..Gr.

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

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

Please see attached chronological for report of operations January 16, 1982 through February 15, 1982.

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

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

SIGNED H. E. Aab TITLE Dist Drilling Mgr DATE February 16, 1982

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

NBU #69N-2 (COGC)  
Natural Buttes Unit  
Uintah County, Utah

LOCATION: 575' FSL & 650' FWL  
SW SW, Sec 35-T9S-R21E.

AFE: 12578 WI: FO BI/APO  
ATD: 6400' SD: 12-22-81/1-8-82  
Coastal Oil & Gas Corp., Oper.  
Westburne #65, Contr.  
9-5/8" @ 201' GL; 4½" @ 6231';

TD: 6231'

1-18-81 5300'; (360'-23 hrs); Drlg @ 16'/hr.

Drl; RS; drl; RS; drl. Drlg Brks: 5158-5160', rate 4/2/4½ mpf, gas 54/60/55 units; 5194-5196', rate 4/1½/5 mpf, gas 55/60/55 units; 5242-4244', rate 6½/3/5 mpf, gas 65/75/65 units. BGG 65 units, CG 115 units. MW 9.1, vis 34, WL 12, PV 8, YP 4, Sd ¼, Sol 6, pH 10, Alk .5, Mf 1.1, CL 1200, CA 70, Gels 2/4, Cake 2/32, MBT 17.5, Cr 850. Cum Csts: \$223,233.

1-19-82 5600'; (300'-23 hrs); Drlg @ 13'/hr.

Drl; RS; drl; RS; drl. BGG 75 units, CG 110 units. Drlg Brks: 5350-5354', rate 4½/2½/4 mpf, gas 50/60/50 units; 5376-5382', rate 5/2½/4 mpf, gas 50/55/50 units; 5414-5440', rate 4/1½/3½ mpf, gas 55/100/60 units. MW 9.1, vis 34, WL 12, PV 10, YP 5, Sd ¼, Sol 6, pH 9.5, Alk .36, Mf .9, CL 1000, CA 60, Gels 2/4, Cake 2/32, MBT 17.5, Cr 900. Cum Csts: \$233,401.

1-20-82 5890'; (290'-23 hrs); Drlg @ 12'/hr.

Drl; RS; drl; RS; drl. BGG 75 units, CG 130 units. Drlg Brk: 5688-5692', rate 5/2/6 mpf, gas 80/95/77 units; 5856' - no in brk. MW 9.4, vis 34, WL 11, PV 11, YP 3, Sd ¼, Sol 8, pH 10, Alk .46, Mf .95, CL 800, CA 60, Gels 1/3, Cake 2/32, MBT 15, Cr 800. Cum Csts: \$243,561.

1-21-82 6132'; (242'-23 hrs); Drlg.

Drl; RS; drl; RS; drl. BGG 85 units, CG 175 units. Drlg Brks: 5866-5880', rate 9/1/5½ mpf, gas 60/70/60 units; 5924-5926', rate 5½/1½/6 mpf, gas 50/90/80 units. MW 9.4, vis 34, WL 11, PV 11, YP 3, Sd ¼, Sol 8, pH 10, Alk .46, Mf .95, CL 800, CA 60, Gels 1/3, Cake 2/32, MBT 15, Cr 900. Cum Csts: \$252,926.

1-22-82 TD 6231' Strap; (68'-7½ hrs); Logging opn hole w/GO - DIL.

Drl, lost 400 psi pmp press; trip f/hole in pipe - washed box & pin on btm jnt of 48th std & pin top jnt of std #49; LD 4 jnts DP & RS; TIH; drl; RS; drl; circ f/opn hole logs; POH: RU GO to run opn hole logs, DIL/CNL FDC & CAL. LTD 6225'. BGG 120 units, CG 150 units. MW 9.3+, vis 38, WL 12, PV 10, YP 5, Sd ¼, Sol 7, pH 10, Alk .5, Mf 1.23, CL 850, CA 60, Gels 3/6, Cake 2/32, MBT 17.5, Cr 750. Cum Csts: \$262,163.

1-23-82 TD 6231'; Run 4½" csg.

Run GO EL, Dual Ind, FCC & CNL; LTD 6225'; RD log truck; TIH to circ; circ & cond; LD DP & DC; brk kelly & RU to run csg; run 4½" csg. MW 9.3, vis 38, WL 11, PV 9, YP 6, Sd Tr, Sol 7, pH 10, Alk 0.40, Mf 0.90, CL 950, CA 50, Gels 3/6, Cake 2/32, MBT 17.5. Cum Csts: \$283,744.

1-24-82 TD 6231'; RD RT.

Run 4½" csg; ran 148 jnts 4½" 11.6# N-80 8rd LT&C (6237'); set @ 6231' KB, PBDT 6191' FC; circ; Howco cmt w/30 bbl mud flush, 60 bbl CF3 spacer, 750 sx 50/50 Poz, 8% gel, 10% salt, 0.6% HA-24, 5#/sk Gilsonite, ¼#/sk Flocele & 1050 sx 50/50 Poz, 2% gel, 10% salt, 0.6% HA-24, ¼#/sk Flocele; displ w/5% KCl wtr; PD @ 1:03 PM 1-23-81; circ mud flush & spacer, no cmt; set slips; ND BOP & cut off; RD RT. Rig rel @ 10:00 PM 1-23-82. Cum Csts: \$418,790.

1-25-82 TD 6231'; RD RT.

RD & move; WO daylight. Cum Csts: \$425,445. Drop f/report; WO CU.

NBU #69N-2 (COGC)  
 Natural Buttes Unit  
 Uintah County, Utah  
 AFE: 12578 WI: FO BI/APO  
 ATD: 6400' SD: 12-22-81/1-8-82  
 Coastal Oil & Gas Corp., Oper.  
 Westburne #65, Contr.  
 9-5/8" @ 201' GL;

LOCATION: 575' FSL & 650' FWL  
 SW SW, Sec 35-T9S-R21E.  
 Elv: 5099' GL (ungr)

12-23-81 RU Ram Air Drilling; Spud 12 $\frac{1}{4}$ " hole @ 12:00 Noon 12-22-81; drl to 206'.

12-24-81 TD 206'; WO RT.

Ran 5 jnts 9-5/8" 36# K-55 8rd csg (203'); set @ 201' GL; Howco cmtd w/125 sx Cl "H", 3% CaCl<sub>2</sub>;  $\frac{1}{4}$ #/sk Flocele; circ 5 bbl cmt to surf; compl @ 1:30 PM 12-23-81. Cum Csts: \$33,147.

12-25-81 thru 1-8-82 WO RT.

1-9-82 721'; (502'-16 $\frac{1}{2}$  hrs); Drlg @ 30'/hr.

PU DC & TIH; tag TOC @ 186'; thaw mud lines; drl cmt 186-219'; Spud @ 12:30 PM 1-8-82; drl; surv; drl; RS; drl. MW 8.4, vis 28. (0° @ 350'). Cum Csts: \$81,303.

1-10-82 1485'; (764'-18 hrs); TIH w/bit #2.

Drl; RS; surv; drl; surv; drl; RS; drl; trip f/bit #2. MW 8.4, vis 28. (1° @ 800') (1° @ 1300'). Cum Csts: \$90,913.

1-11-82 2659'; (1174'-22 $\frac{1}{2}$  hrs); Drlg.

Drl; RS; drl; surv; drl; RS; drl. BGG 13-250 units, CG 250 units. MW 8.4, vis 27, Wtr. (1 $\frac{1}{2}$ ° @ 1805'). Cum Csts: \$103,098.

1-12-82 3550'; (891'-22 hrs); Drlg.

Surv; drl; RS; drl; RS; drl; surv; drl. BGG 110 units, CG 180 units. Drlg Brks: 3254-3258', rate 2/1/2 mpf, gas 200/170/170 unigs; 3300-3306', rate 2 $\frac{1}{2}$ /1/2 mpf, gas 120/100/100 units; 3316-3320', rate 2/1 $\frac{1}{2}$ /1 $\frac{1}{2}$  mpf, gas 110/110/110 units. MW 8.4, vis 28, Wtr. (2° @ 2659') (2° @ 3192'). Cum Csts: \$121,015.

1-13-82 4130'; (580'-20 $\frac{1}{2}$  hrs); Drlg w/full circ.

Drl; rig rep - swiv; RS; drl; surv; drl; RS; drl; surv; drl. BGG 100 units, CG 150 units. (3° @ 3710') (2 $\frac{1}{2}$ ° @ 3910'). MW 8.5, vis 32, WL 18, PV 4, YP 3, Sd Tr, Sol 1, pH 10, Alk .9, Mf 1.9, CL 1600, CA 70, Gels 1/2, Cake 2/32, MBT 12.5, Cr 750. Cum Csts: \$130,100.

1-14-82 4560'; (430'-22 $\frac{1}{2}$  hrs); Drlg.

Drl; surv; drl; RS; drl; surv; drl. Drlg Brks: 4248-4255', rate 2/1/2.5 mpf, gas 200/250/190 units; 4278-4285', rate 2/1 $\frac{1}{2}$ /1 $\frac{1}{2}$  mpf, gas 180/220/200 units; 4432-4438', rate 3 $\frac{1}{2}$ /.75/4 mpf, gas 170/200/175 units. BGG 110 units, CG 150 units. MW 8.8, vis 33, WL 16, PV 5, YP 5, Sd Tr, Sol 3, pH 10, Alk 1, Mf 1.9, CL 1400, CA 60, Gels 1/3, Cake 2/32, MBT 15, Cr 800. (3° @ 4210') (2-3/4° @ 4391'). Cum Csts: \$140,425.

1-15-82 4728'; (168'-10 hrs); WOC plug #1.

Drl; surv; drl; RS; drl; lost retns @ 4727'; mix 250 bbl 30% LCM pill w/34 vis; attempt to fill hole - could not; POH, std back DC; TIH w/11 stds DP OE @ 1028'; Halliburton set plug #1 @ 1028' w/300 sx Cl "H", 2% CaCl<sub>2</sub>, 10#/sk Gilsonite,  $\frac{1}{4}$ # Flocele; compl @ 4:50 AM 1-8-82; POH w/DP; WOC. MW 9, vis 34, 30% LCM. (2° @ 4599'). Cum Csts: \$155,568.

1-16-82 4728'; (0'); TIH w/bit #3.

WOC plug #1; attempt to fill hole - hole would not stay full; WOC & Howco; TIH w/OE DP to 1028'; set plug #2 w/200 sx Cl "H", 2% CaCl<sub>2</sub>,  $\frac{1}{4}$ #/sk Flocele; job compl @ 1:25 PM 1-15-82; got retns; pull 11 stds DP f/hole; WOC plug #2. @ 6 AM hole stdg full. MW 8.4, vis 27. Cum Csts: \$174,898.

1-17-82 4940'; (212'-13 $\frac{1}{2}$  hrs); Drlg w/full retns.

TIH, tag cmt @ 1048' w/bit #3; drl cmt 1048-1274' (226'); fin TIH to 4688'; ream & wash to 4728'; mud up w/8.5, 35 vis; drl; RS; drl. BGG 90 units, CG 210 units. MW 8.5, vis 35, WL 15.0, PV 10, YP 7, Sd  $\frac{1}{4}$ , Sol 1.0, pH 10.5, Alk .80, Mf 1.40, CL 1400, CA 60, Gels 2/4, Cake 2/32, MBT 17.5, Cr 850, 5% LCM. Cum Csts: \$213,414.

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

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

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

13

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

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

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

2. NAME OF OPERATOR  
COASTAL OIL & GAS CORPORATION

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 575' FSL & 650' FWL (SW SW)  
At top prod. interval reported below SAME  
At total depth SAME

14. PERMIT NO. 43-047-31090      DATE ISSUED 9-15-81

5. LEASE DESIGNATION AND SERIAL NO.  
U-01194 ST

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

7. UNIT AGREEMENT NAME  
NATURAL BUTTES UNIT

8. FARM OR LEASE NAME  
NATURAL BUTTES UNIT

9. WELL NO.  
NBU 69N2

10. FIELD AND POOL, OR WILDCAT  
NATURAL BUTTES FIELD

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
SECTION 35-T9S-R21E

12. COUNTY OR PARISH UINTAH      13. STATE UTAH

15. DATE SPUDDED 12-22-81    16. DATE T.D. REACHED 1-21-82    17. DATE COMPL. (Ready to prod.) 3-3-82    18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 5099' UnGr    19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 6231'    21. PLUG, BACK T.D., MD & TVD 6150'    22. IF MULTIPLE COMPL., HOW MANY\* N/S    23. INTERVALS DRILLED BY N/S    ROTARY TOOLS o-TD    CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
5068' - 5909' WASATCH      25. WAS DIRECTIONAL SURVEY MADE YES

26. TYPE ELECTRIC AND OTHER LOGS RUN  
DIK/FDC/CNL      27. WAS WELL CORDED NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	201'	12 1/4"	125 sx	
4 1/2"	11.6#	6231'	7-7/8"	1800	

29. LINER RECORD      30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4896'	

31. PERFORATION RECORD (Interval, size and number) 3-1/8" CSG. GUN AS FOLLOWS:  
5068' (2) 5618' (2)  
5454' (2) 5893' (2)  
5467' (2) 5909' (1)      TOTAL: 11 HOLES

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
DEPTH INTERVAL (MD) 5068' - 5909'      AMOUNT AND KIND OF MATERIAL USED  
BRKDN W/2,200 GAL 3% KCl WTR.  
FRAC W/50,000 GAL GEL &  
100,000# 20/40 SAND.

33.\* PRODUCTION

DATE FIRST PRODUCTION 3-3-82      PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOWING      WELL STATUS (Producing or shut-in) SI WOPLC

DATE OF TEST 3-3-82    HOURS TESTED 24    CHOKE SIZE 16/64"    PROD'N. FOR TEST PERIOD →    OIL—BBL. 0    GAS—MCF. 700    WATER—BBL. 2    GAS-OIL RATIO -

FLOW. TUBING PRESS. 475    CASING PRESSURE 725    CALCULATED 24-HOUR RATE →    OIL—BBL. 0    GAS—MCF. 700    WATER—BBL. 2    OIL GRAVITY-API (CORR.) -

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      TITLE PRODUCTION ENGINEER      DATE MARCH 19, 1982

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



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 COGC NBU 69N2

Operator COASTAL OIL & GAS CORP. Address P. O. BOX 749, DENVER, CO 80201

Contractor WESTBURN COMPANY Address P. O. BOX 13079, DENVER, CO 80201

Location SW 1/4 SW 1/4 Sec. 35 T: 9S 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.	<u>NONE REPORTED</u>		
2.	<u></u>		
3.	<u></u>		
4.	<u></u>		
5.	<u></u>		

(Continue of reverse side if necessary)

Formation Tops

WASATCH FORMATION 4714' (+403')

Remarks

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

NBU #69N-2 (COGC)  
 Natural Buttes Unit  
 Uintah County, Utah  
 AFE: 12578 WI: FO BI/APO  
 ATD: 6400' SD: 12-22-81/1-8-82  
 Coastal Oil & Gas Corp., Oper.  
 Westburne #65, Contr.  
 9-5/8" @ 201' GL; 4½" @ 6231';

LOCATION: 575' FSL & 650' FWL  
 SW SW, Sec 35-T9S-R21E.  
 TD: 6231'  
 PBSD: 6150'  
 Perf: 5068-5909' (11 holes)

- 2-28-82 TD 6231'; PBSD 6150' frac sd; Flwg to pit after CO frac sd.  
 FTP 450, SICP 600, 16/64" CK, 25-30 BW, 250 MCFD (est), no frac sd.
- 3-1-82 Flwg to pit after CO frac sd.  
 FTP 450, SICP 600, 16/64" CK, est 350 MCFD w/25-30 BW. Cum Csts: \$527,470.
- 3-2-82 Flwg to pit after cleanout.  
 Road to loc; RD Gibson; clean flat tank; rig rel; FTP 300, SICP 500, 250 MCF  
 (est) w/15-20 BW. Cum Csts: \$529,010.
- 3-3-82 Flwg to pit after CO frac sd.  
 FTP 475, SICP 725, 12/64" CK, 250 MCFD (est) w/10-12 BW; chng to 16/64" CK.  
 Cum Csts: \$429,010.
- 3-4-82 Flwg to pit after CO frac sd.  
 FTP 450, SICP 675, 16/64" CK, 450 MCFD w/5-8 BW. Cum Csts: \$529,010.
- 3-4-82 CONTD SI; WO PLC.  
 12:30 PM FTP 475, SICP 725, 16/64" CK, 700 MCFD w/2 BW; SI @ 12:30 PM.  
 Completed as single SI GW, Wasatch perms 5068-5909' (11 holes) on 3-3-82; WO PLC.
- 3-5-82 SI; WO PLC.  
 SITP 1775, SICP 1775. Cum Csts: \$539,760.
- 3-6-82 SI; WO PLC.  
 SITP 1900, SICP 1900. Drop f/report.
- 3-11-82 Tag PBSD (frac sd) @ 6090' w/slickline; all perms open.  
 Cum Csts: \$539,915.

NBU #69N-2 (COGC)  
 Natural Buttes Unit  
 Uintah County, Utah  
 AFE: 12578 WI: FO BI/APO  
 ATD: 6400' SD: 12-22/81/1-8-82  
 Coastal Oil & Gas Corp., Oper.  
 Westburne #65, Contr.  
 9-5/8" @ 201' GL; 4½" @ 6231';

LOCATION: 575' FSL & 650' FWL  
 SW SW, Sec 35-T9S-R21E.  
 TD: 6231'  
 PBSD: 6188'  
 Perf: 5068-5909' (11 holes)

2-16-82 TD 6231'; PBSD 6188' WL; Prep to brk dwn w/3% KCl wtr.  
 Road to loc; RU GO & run GR-CCL f/PBSD of 6188' to 4500'; press tst csg to 6000 psi; perf Wasatch w/3-1/8" csg gun as follows: 5068' (2), 5454' (2), 5467' (2), 5618' (2), 5893' (2), 5909' (1), tot 11 holes, Neutron-Density log depths; TIH with 2-3/8" tbg w/NC on btm & SN 1 jnt up; hang @ 4896' w/SN @ 4866' & 10' blast jnt at surf; ND tree, NU BOP; SDFN. Cum Csts: \$473,544.

ND BOP, NU tree  
2-17-82 RU Smith & brk dwn Wasatch perfs 5068-5909' (11 holes) w/59 bbl 3% KCl wtr; pmp 10 bbl @ 4800 psi & 7.7 BPM to est rate; run 20 bbl w/22 BS, then 25 bbl flush; balled out @ 6000 psi; SD & surge balls; pmp add 4 bbl @ 6 BPM & 4900 psi; tot pmpd 59 bbl; ISIP 2200, 15 min 1950; AR 7 BPM @ 4800 psi; RD SU & move to NBU #56N-2; opn to pit on 16/64" CK; 1 hr TP 200, CP 200, 1½" stream wtr. Cum Compl Csts: \$51,373.

2-18-82 Flwg to pit after brkdwn.  
 FTP 300, SICP 425, 16/64" CK, 300 MCF (est) w/3-5 BW. Cum Compl Csts: \$48,098. Tot Cum Csts: \$473,544.

2-19-82 SI; WO frac.  
 FTP 300, SICP 300, 16/64" CK, 450 MCFD w/1 BW; SI @ 1:00 PM; WO frac. Cum Compl Csts: \$48,098. Tot Cum Csts: \$473,544.

2-20-82 SI; WO frac.  
 SITP 2000, SICP 2000.

2-21-82 SI; WO frac.  
 SITP 2025, SICP 2025.

2-22-82 Prep to frac.  
 SITP 2025, SICP 2025.

2-23-82 TD 6231'; PBSD 6188'; Prep to flw back to pit.  
 Road to loc; RU Western & press tst lines to 6500 psi; frac Wasatch perfs 5068-5909' w/low-residue, X-linked gel & 20/40 sd as follows: Fill hole & pmp 10,000 gal 50# gel pad @ 28 BPM, 4800 psi; pmp 10,000 gal 40# gel w/1 ppg sd @ 30 BPM, 4900 psi; pmp 10,000 gal 40# gel w/2 ppg sd @ 4550 psi; pmp 10,000 gal 40# gel w/3 ppg sd @ 30 BPM, 4400 psi; pmp 9310 gal 40# gel w/4 ppg sd @ 30 BPM, 4300 psi; screened out @ 6000 psi; SD; clean tbg & lines; pmp 6 bbl KCl wtr flush - still screened off; ISDP 1300 psi, 30 min 1300 psi; AR 30 BPM @ 4500 psi; Tot 83,128# 20/40 sd in form w/45,782 gal gelled wtr. Cum Csts: \$512,456.

2-24-82 Prep to MI RU SU to CO.  
 Road to loc; MI RU Western Co; pmp dwn csg & up tbg; pmp tot of 8 bbl in 3 attempts, press to 6000 psi; RD Western & transfer KCl wtr to frac tank; opn to pit on 20/64" CK, trickle wtr. Cum Csts: \$514,688.

2-25-82 Prep to CO.  
 Road to loc; MI RU Gibson Well Service; ND tree, NU BOP; overpull 2000# to free tbg; POH w/2-3/8" tbg - found sd bridge @ SN; TIH w/30 stds; SI & SDFN. Cum Csts: \$518,170.

2-26-82 Fin CO frac sd.  
 Road to loc; TIH w/tbg & tag sd @ 3500'; circ out sd to 4850' w/3% KCl wtr; POH 15 stds & SDFN. Cum Csts: \$521,320.

2-27-82 Flwg to pit after CO frac sd.  
 Road to loc; RIH 15 stds; tag fill @ 5250'; rev circ out sd to 6150' w/4% KCl wtr; circ btms up twice w/clear retns; POH w/& LD 40 jnts; hang tbg @ 4890', SN @ 4860'; ND BOP, NU tree; opn to pit on 16/64" CK, FTP 100, SICP 250, 2" stream LW. Cum Csts: \$527,470.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE (See other instructions on reverse side)

Form approved Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] DRY [ ] Other [ ]
b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] FLOG BACK [ ] DIFF. RESVR. [ ] Other [ ]

2. NAME OF OPERATOR: COASTAL OIL & GAS CORPORATION
8. 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 575' FSL & 650' FWL (SW SW)
At top prod. interval reported below SAME
At total depth SAME

14. PERMIT NO. 43-047-31090 DATE ISSUED 9-15-81

5. LEASE DESIGNATION AND SERIAL NO. U-01194 ST
6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
7. UNIT AGREEMENT NAME NATURAL BUTTES UNIT
8. FARM OR LEASE NAME NATURAL BUTTES UNIT
9. WELL NO. NBU 69N2
10. FIELD AND POOL, OR WILDCAT NATURAL BUTTES FIELD
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SECTION 35-T9S-R21E
12. COUNTY OR PARISH UINTAH 18. STATE UTAH

15. DATE SPUDDED 12-22-81 16. DATE T.D. REACHED 1-21-82 17. DATE COMPL. (Ready to prod.) 3-3-82 18. ELEVATIONS (DP, RES, RT, OR, ETC.)\* 5099' UnGr 19. SLEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 6231' 21. FLOG BACK T.D., MD & TVD 6150' 22. IF MULTIPLE COMPL., HOW MANY\* N/S 23. INTERVALS DRILLED BY [ ] ROTARY TOOLS o-TD [ ] CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 5068' - 5909' 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)
Table with columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED

29. LINER RECORD 30. TUBING RECORD
Table with columns: SIZE, TOP (MD), BOTTOM (MD), BAGS CEMENT\*, SCREEN (MD), SIZE, DEPTH SET (MD), PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) 3-1/8" CSG. GUN AS FOLLOWS:
5068' (2) 5618' (2)
5454' (2) 5893' (2)
5467' (2) 5909' (1) TOTAL: 11 HOLES
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) 5068' - 5909'
AMOUNT AND KIND OF MATERIAL USED BRKDNW W/2,200 GAL 3% KCl WTR. FRAC W/50,000 GAL GEL & 100,000# 20/40 SAND.

33. PRODUCTION
DATE FIRST PRODUCTION 3-3-82 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOWING WELL STATUS (Producing or Aband-in) SI WOPLC
DATE OF TEST 3-3-82 HOURS TESTED 24 CROCK SIZE 16/64" PROD'N. FOR TEST PERIOD [ ] OIL—BBL. 0 GAS—MCF. 700 WATER—BBL. 2 GAS-OIL RATIO -
FLOW. TUBING PRESS. 475 CASING PRESSURE 725 CALCULATED 24-HOUR RATE [ ] OIL—BBL. 0 GAS—MCF. 700 WATER—BBL. 2 OIL GRAVITY-API (CORR.) -

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 [Signature] W. L. GOODEN TITLE PRODUCTION ENGINEER DATE MARCH 19, 1982

\*(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 23, and 33, below regarding separate reports for separate completions.

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

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

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	GEOLOGIC MARKERS
				WASATCH	
					4714'
					+403'

NBC 69N2

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. oil well  gas well  other

2. NAME OF OPERATOR  
Coastal Oil & Gas Corporation

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 575' FSL/650' FWL (SW SW)  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

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

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

5. LEASE  
U-01194-ST

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

7. UNIT AGREEMENT NAME  
Natural Buttes Unit

8. FARM OR LEASE NAME  
Natural Buttes Unit

9. WELL NO.  
Natural Buttes Unit No. 69

10. FIELD OR WILDCAT NAME  
Natural Buttes Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 35-T9S-R21E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. API NO.  
43-047-31090

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5099' Ungr..Gr.

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

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

Please see attached chronological for report of operations February 16 through March 3, 1982. Completion report filed March 19, 1982.

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

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

SIGNED L. W. Thying TITLE Dist Drilling Eng DATE March 22, 1982

(This space for Federal or State office use)

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

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 COGC NBU 69N2  
Operator COASTAL OIL & GAS CORP. Address P. O. BOX 749, DENVER, CO 80201  
Contractor WESTBURN COMPANY Address P. O. BOX 13079, DENVER, CO 80201  
Location SW 1/4 SW 1/4 Sec. 35 T: 9S 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.	<u>NONE REPORTED</u>			
2.	_____			
3.	_____			
4.	_____			
5.	_____			

(Continue of reverse side if necessary)

Formation Tops

WASATCH FORMATION 4714' (+403')

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.

COLORADO INTERSTATE GAS COMPANY

WELL TEST DATA FORM

STATE COPY

FORM CIG 4896-7/73

FIELD CODE 0-01-11		FIELD NAME NATURAL BUTTES, UT				OPERATOR CODE 2919		OPERATOR NAME COASTAL OIL & GAS CORPORATION				WELL NAME NATURAL BUTTES UNIT 69 N2			
WELL CODE 3	LOCATION SECT. TOWNSHIP/BLK 35 9S 21E		PANHANDLE/REDCAVE SEQ. NUMBER K-FACTOR		FORMATION WASATCH SA 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 T80 CSG PRESSURE	STATIC T80 CSG PRESSURE	FLOWING STRNG													
MO.	DAY	YR.	MO.	DAY	YR.		27	28	32										33	38	39	42	43	45	46	51	52	55	56	58	59	61
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
07	12	83	07	20	83	11	000	2	007	0	5073	0	0	599	100	10597	0	04	70	078								00692	0	00750	0	X

WELL-OFF (SHUT-IN)						SHUT-IN TEST										TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.																
PRESSURE TAKEN DATE						CASING PRESSURE (PSIG)	TUBING PRESSURE (PSIG)	SLOPE	EFFECTIVE DIAMETER	EFFECTIVE LENGTH	GRAVITY (RAW GAS)	EST CSG PRESS	EST TBG PRESS	GIG: <i>H.K. Nook</i>																		
MO.	DAY	YR.	MO.	DAY	YR.									23	28	29	34	35	38	39	44	45	49	50	53	54	55	OPERATOR: <i>C G Webb</i>				
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	E	E	COMMISSION: _____									
07	23	83	07	26	83	1547	0	01731	0	092	1	9950	4890	0	59																	

79269 01000						REMARKS:									
-------------	--	--	--	--	--	----------	--	--	--	--	--	--	--	--	--

COLORADO INTERSTATE GAS COMPANY

WELL TEST DATA FORM

STATE COPY

FORM CIG 4896-7/73

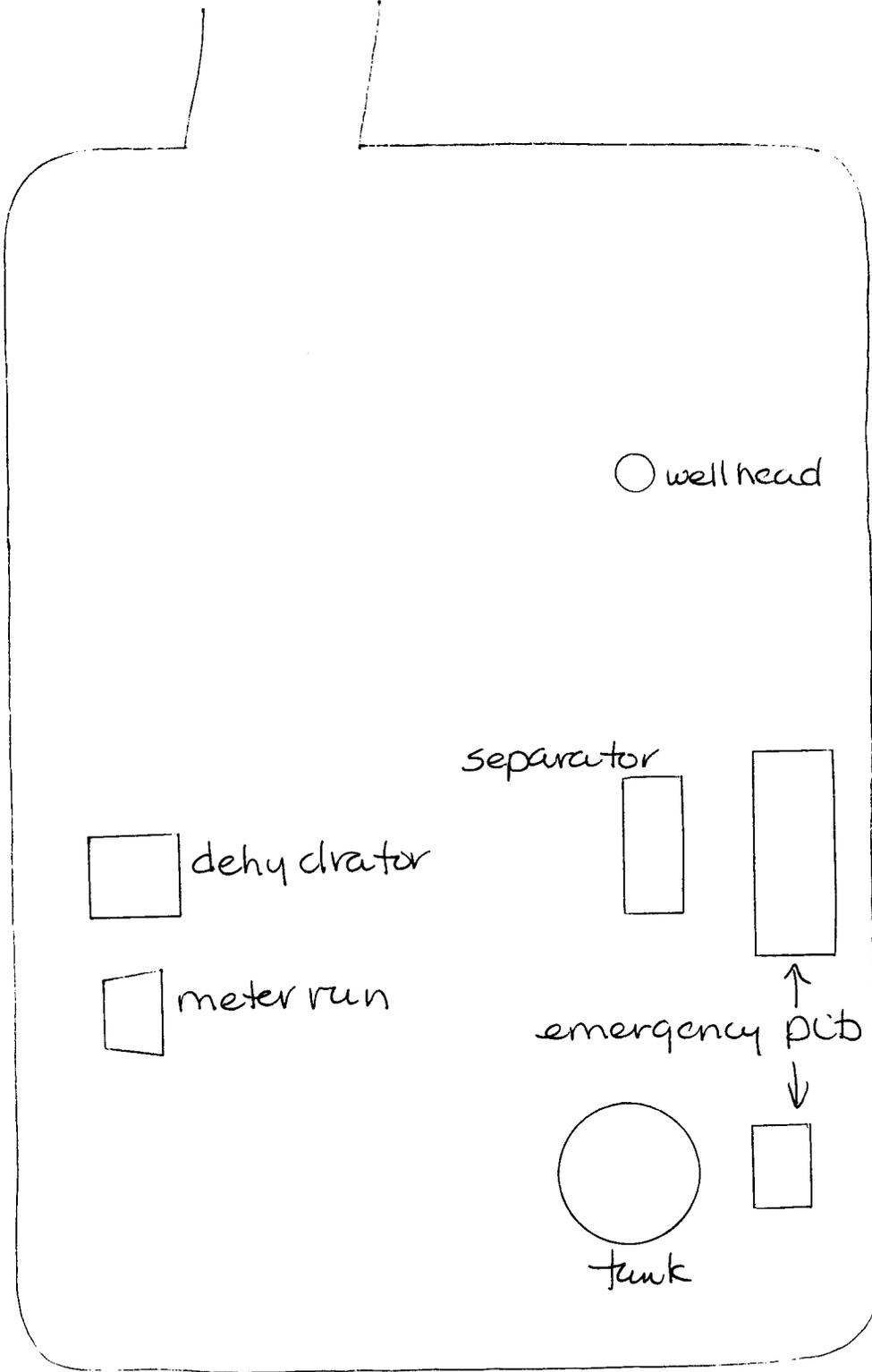
FIELD CODE 01-11			FIELD NAME NATURAL BUTTES, UT						OPERATOR CODE 2915		OPERATOR NAME COASTAL OIL & GAS CORPORATION						WELL NAME NATURAL BUTTES 69 N2																				
CODE 73269			SECT. TOWNSHIP/BLK 35 9S 21E			LOCATION RGE/SUR. 9S 21E			PANHANDLE/NEECAVE SEQ. NUMBER K-FACTOR			FORMATION Flow 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 TUBING CASING												
11	12	13	14	15	16	17	18	19	20	21	22	23	27	28	32	33	38	39	42	43	45	46	51	52	55	56	58	59	61	62	67	68	73	74	76		
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
WELL-OFF (SHUT-IN)			SHUT-IN TEST												SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS		EST TBG PRESS		TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.										
PRESSURE TAKEN			DATE		CASING PRESSURE (PSIG)		TUBING PRESSURE (PSIG)		SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS		EST TBG PRESS																		
11	12	13	14	15	16	17	18	19	20	21	22	23	28	29	34	35	38	39	44	45	48	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	E	E											
REMARKS:																																					
			73269 01000																																		

WBU 69

Sec 35 T9S R21E

Dringly 1/30/89

14



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749 (303) 573-4455

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

575' FSL & 650' FWL  
SW/SW Section 35-T9S-R21E

5. Lease Designation and Serial No.

U-01194 ST

6. If Indian, Alottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU #69N2

9. API Well No.

43-047-31090

10. Field and Pool, Or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, UT

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other **Reperf, Lwr Tbg & Install  
Plunger Lift Equip**

Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

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

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

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



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

Signed Sheila Bremer Title Environmental & Safety Analyst Date 08/31/95  
Sheila Bremer

(This space for Federal or State office use)

APPROVED BY [Signature] Title Petroleum Engineer Date 9/6/95  
Conditions of approval, if any:

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

\*See Instruction on Reverse Side

**NBU #69N2**  
**SECTION 35-T9S-R21E**  
**NATURAL BUTTES FIELD**  
**UINTAH COUNTY, UTAH**

**WELL DATA**

LOCATION: 575' FSL & 650' FWL  
ELEVATION: 5,099' GR 5117' KB  
TOTAL DEPTH: 6,231' PBD: 5,996'  
CASING: 9", 36#, K-55 @ 210'  
4½", 11.6#, N-80 @ 6,231'  
TUBING: 2½", 4.7# J-55 @ 4,890'  
FORMATION: Wasatch (5,068-5,909' - 11 holes)  
WORKING INTEREST: 0% CIGE 100% NW Mutual

**PROCEDURE:**

- 1) MI&RU. Kill well w/3% KCl water. NDWH. NUBOP. POOH w/2½" tubing.
- 2) RU & reperforate Wasatch w/3½" casing gun (4 JSPF). Perforate from Density-Neutron Log (02/98):

5067'	5467'	5893'
5068'	5468'	5894'
5454'	5617'	5908'
5455'	5617'	5909'

12 intervals (48 holes)

- 3) RIH w/2½" tubing to 5,900' (new EOT). Swab and flow well to clean-up (1-3 days).
- 4) Install plunger lift stop via WL. NDBOP. NUWH. RD&MO. Complete plunger lift installation.
- 5) After returning well to sales line, obtain rates and pressures. Return well to production.

Rate (2/01/95) prior to W/O: 108 MCF, FTP 375#, CP 500#, LP 257#, 5/64" chk.

LPS:HWM:mar  
March 29, 1995

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SEP 18 1995

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

U-01194 ST

6. If Indian, Alottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU #69N2

9. API Well No.

43-047-31090

10. Field and Pool, Or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, UT

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749 (303) 573-4455

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

575' FSL & 650' FWL  
SW/SW Section 35-T9S-R21E

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

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other **Reperf, Lwr Tbg & Install Plunger Lift Equip**  
 Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

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

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

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

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

Signed Sheila Bremer Title Environmental & Safety Analyst Date 09/14/95

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

*tax credit  
6/22/96*

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

\*See Instruction on Reverse Side



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: 68 South 1200 East CITY Vernal STATE Utah ZIP 84078		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		8. WELL NAME and NUMBER: Exhibit "A"
PHONE NUMBER: 435-789-4433		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT:
		COUNTY: _____
		STATE: UTAH

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

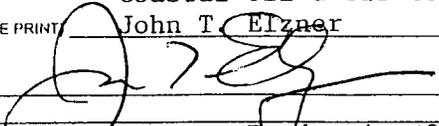
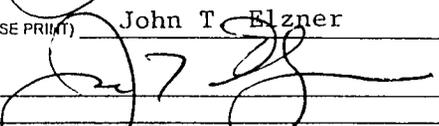
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input 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) John T. Elzner	TITLE Vice President
SIGNATURE 	DATE 06-15-01
El Paso Production Oil & Gas Company	
NAME (PLEASE PRINT) John T. Elzner	TITLE Vice President
SIGNATURE 	DATE 06-15-01

(This space for State use only)

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

State of Delaware  
Office of the Secretary of State

---

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

JUN 15 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 306	43-047-32860	2900	27-09S-21E	STATE	GW	P
NBU 304	43-047-32879	2900	27-09S-21E	STATE	GW	P
NBU 305	43-047-32880	2900	27-09S-21E	STATE	GW	P
NBU 353	43-047-33205	2900	27-09S-21E	STATE	GW	P
NBU CIGE 56-34-9-21	43-047-33530	2900	34-09S-21E	STATE	GW	P
NBU CIGE 87D-34-9-21	43-047-33869	2900	34-09S-21E	STATE	GW	P
NBU 221X	43-047-32545	2900	34-09S-21E	STATE	GW	P
NBU 263	43-047-32793	2900	34-09S-21E	STATE	GW	P
CIGE 236-34-9-21	43-047-32861	2900	34-09S-21E	STATE	GW	P
CIGE 203-34-9-21	43-047-32881	99999	34-09S-21E	STATE	GW	APD
NBU 322	43-047-33203	2900	34-09S-21E	STATE	GW	P
NBU CIGE 28-35-9-21	43-047-33739	2900	35-09S-21E	STATE	GW	P
NBU CIGE 54D-35-9-21	43-047-33851	2900	35-09S-21E	STATE	GW	P
<b>NBU 69</b>	43-047-31090	2900	35-09S-21E	STATE	GW	P
NBU 81V	43-047-31232	2900	35-09S-21E	STATE	GW	P
CIGE 133-35-9-21	43-047-31978	2900	35-09S-21E	STATE	GW	P
CIGE 204-35-9-21	43-047-32794	2900	35-09S-21E	STATE	GW	P
NBU 310	43-047-32882	2900	34-09S-21E	STATE	GW	P
CIGE 239-35-9-21	43-047-33206	2900	35-09S-21E	STATE	GW	P
NBU 10-29B	43-047-30274	2900	29-09S-22E	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

5. If **NO**, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/10/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 07/10/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 07/18/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/18/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: 400JU0705

---

**FEDERAL BOND VERIFICATION:**

1. Federal well(s) covered by Bond No.: N/A

---

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond No: N/A
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
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: \_\_\_\_\_

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: \_\_\_\_\_

---

**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: \_\_\_\_\_

---

**COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".**

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JAN. 17. 2003 3:34PM

WESTPORT

NO. 173

P. 2

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

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

February 1, 2002

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

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

Dear Ms. Maxwell:

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

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

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

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

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

Debby J. Black  
Engineer Technician

Encl:

# memorandum

Branch of Real Estate Services  
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to  
Attn of: Supervisory Petroleum Engineer

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

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

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

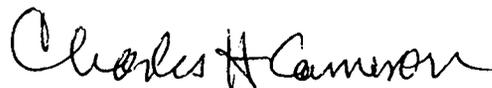
We have no objection.

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

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

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

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





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.

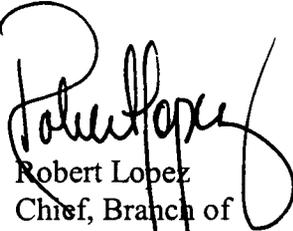
For our purposes, the name change is recognized effective December 31, 2001.

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)



# United States Department of the Interior

BUREAU OF INDIAN AFFAIRS  
Washington, D.C. 20240

FEB 10 2003

IN REPLY REFER TO:  
Real Estate Services

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

Dear Mr. Wilson:

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

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

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

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

Sincerely,

Director, Office of Trust Responsibilities

**ACTING**

Enclosure

**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**

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 _____	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME:
--	--

2. NAME OF OPERATOR: <b>El Paso Production Oil &amp; Gas Company</b>	8. WELL NAME and NUMBER: <b>Exhibit "A"</b>
---	--

3. ADDRESS OF OPERATOR: <b>9 Greenway Plaza Houston TX 77064-0995</b>	PHONE NUMBER: <b>(832) 676-5933</b>	9. API NUMBER:
--	--	----------------

4. LOCATION OF WELL		10. FIELD AND POOL, OR WILDCAT:
FOOTAGES AT SURFACE:	COUNTY:	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE:	<b>UTAH</b>

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

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

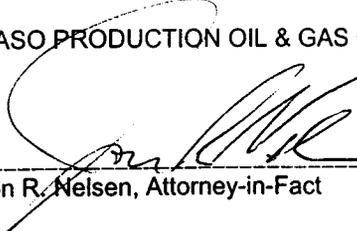
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

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

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

State Surety Bond No. RLB0005236  
Fee Bond No. RLB0005238

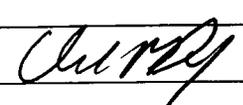
EL PASO PRODUCTION OIL & GAS COMPANY

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

**RECEIVED**

**FEB 28 2003**

DIV. OF OIL, GAS & MINING

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

(This space for State use only)



# 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

Form 3160-5  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

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

6. If Indian, Allottee or Tribe Name

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

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

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

10. Field and Pool, or Exploratory Area

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

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

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

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

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

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

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 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 322	34-09S-21E	43-047-33203	2900	STATE	GW	P
NBU 263	34-09S-21E	43-047-32793	2900	STATE	GW	P
NBU 439	34-09S-21E	43-047-34786	99999	STATE	GW	APD
NBU 440	34-09S-21E	43-047-34785	99999	STATE	GW	APD
CIGE 204-35-9-21	35-09S-21E	43-047-32794	2900	STATE	GW	P
NBU 310	35-09S-21E	43-047-32882	2900	STATE	GW	P
CIGE 239-35-9-21	35-09S-21E	43-047-33206	2900	STATE	GW	P
NBU CIGE 28-35-9-21	35-09S-21E	43-047-30739	2900	STATE	GW	P
NBU CIGE 54D-35-9-21	35-09S-21E	43-047-30851	2900	STATE	GW	P
NBU 69N2	35-09S-21E	43-047-31090	2900	STATE	GW	P
NBU 81V	35-09S-21E	43-047-31232	2900	STATE	GW	P
CIGE 115-35-9-21	35-09S-21E	43-047-31918	2900	FEDERAL	GW	P
CIGE 133-35-9-21	35-09S-21E	43-047-31978	2900	STATE	GW	P
NBU 156	35-09S-21E	43-047-32005	2900	FEDERAL	GW	P
CIGE 283	35-09S-21E	43-047-34790	99999	STATE	GW	APD
NBU 441	35-09S-21E	43-047-34791	99999	STATE	GW	APD
NBU 442	35-09S-21E	43-047-34788	99999	STATE	GW	APD
NBU 443	35-09S-21E	43-047-34789	99999	STATE	GW	APD
NBU 33-17B	17-09S-22E	43-047-30396	2900	FEDERAL	GW	P
NBU 48N3	18-09S-22E	43-047-30538	2900	FEDERAL	GW	P

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

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

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

8. **Federal and Indian Units:**

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

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

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

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

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 03/18/2003

2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/18/2003

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

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

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

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

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

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

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

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

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

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

The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

**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

95 21E 35 4304731090

5. Lease Serial No.  
 Multiple Wells - see attached

6. If Indian, Allottee or Tribe Name

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

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

9. API Well No.  
 Multiple Wells - see attached

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

11. County or Parish, State  
 Uintah County, UT

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

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

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

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

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

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

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

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 boxes 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 \$	830/860	\$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		HP		HP	0	HP
Fuel Gas Burned		MCFPD		MCFPD	0	MCFPD

**Project Life:**

Life =  Years  
(Life no longer than 20 years)

**Internal Rate of Return:**

After Tax IROR =

**AT Cum Cashflow:**

Operating Cashflow =  (Discounted @ 10%)

**Payout Calculation:**

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

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

Payout =  Years or  Days

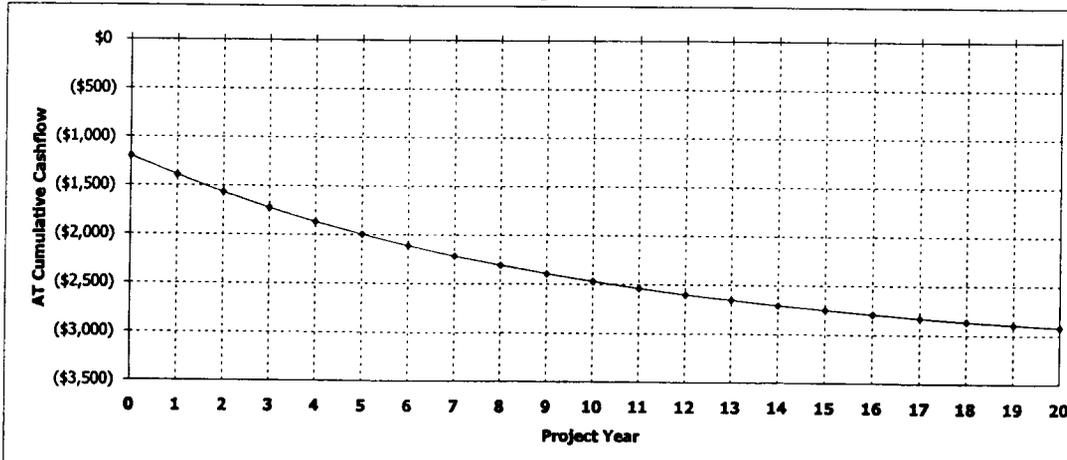
**Gross Reserves:**

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

**Notes/Assumptions:**

**An average NBU well produces 0.192 Bcpd with no tank pressure. The production is increased to 0.196 Bcpd w 4 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.**

Project: Condensate Shrinkage Economics



**Westport Oil and Gas, Inc.**

**NBU/Ouray Field**

RFL 2003-022

**COMPARISON OF FLASH BACK PRESSURES**

Calculated by Characterized Equation-of-State

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

**Calculated at Laboratory Flash Conditions**

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

**Calculated Flash with Backpressure using Tuned EOS**

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

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

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

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

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

WELL	LEGALS	STFLEASENO	CANUMBER	APINO
NBU 058N2	27-10-22 NENW	UTU473	891008900A	430473083800S1
NBU 060	26-9-21 NWSW	U01194	891008900A	430473172800S1 ✓
NBU 062N3	16-10-21 SENW	ML10755	891008900A	430473090900S1
NBU 063N3	12-9-21 SWNW	UTU0141317	891008900A	430473109700S1
NBU 064N3	8-9-21 NESE	UTU0575B	891008900A	430473109800S1
NBU 065N3	14-9-21 SESW	UTU01193	891008900A	430473109900S1
NBU 067A	4-10-22 SWNE	UTU01191	891008900A	430473173700S1
NBU 068N2	26-9-21 NESE	ML22934	891008900A	430473108900S1 ✓
NBU 069N2	35-9-21 SWSW	U01194	891008900A	430473109000S1 ✓
NBU 070N3	3-10-22 SWNW	UTU01191	891008900A	430473110000S1
NBU 072N3	12-10-20 NWNW	UTU4478	891008900A	430473108800S1
NBU 074N3	24-10-20 SWNE	ML22790	891008900A	430473108700S1
NBU 075N3	20-10-21 NENE	UTU02278	891008900A	430473110300S1
NBU 078	30-9-22 NWNW	U463	891008900A	430473176200S1
NBU 080V	34-9-22 NWSW	UTU0149077	891008900A	430473124000S1
NBU 081V	35-9-21 SWNW	U01194	891008900A	430473123200S1 ✓
NBU 083J	27-9-21 NESW	U01194A	891008900A	430473123500S1 ✓
NBU 084V	6-10-22 NWNE	UTU01195B	891008900A	430473124500S1
NBU 085J	4-10-22 SWNW	UTU01191A	891008900A	430473124600S1
NBU 086J	3-10-22 NENE	UTU01191A	891008900A	430473125100S1
NBU 087J	3-10-22 NESW	UTU01191	891008900A	430473125000S1
NBU 088V	26-9-21 NENE	U01194	891008900A	430473123300S1 ✓
NBU 093	33-9-22 NESE	UTU01191A	891008900A	430473175300S1
NBU 097	25-9-21 NENW	U01189	891008900A	430473174400S1 ✓
NBU 098V	34-9-21 SWSW	U01194A	891008900A	430473132700S1 ✓
NBU 099	25-9-21 SWSW	U01194	891008900A	430473174500S1 ✓
NBU 101	3-10-21 NWSE	UTU0149078	891008900A	430473175500S1
NBU 102	5-10-21 SESW	UTU01393D	891008900A	430473175700S1
NBU 1021-16G	16-10-21 SWNE	ML10755	891008900A	430473511100S1 ✓
NBU 1021-20	2-10-21 SWSE	ML13826	891008900A	430473511000S1 ✓
NBU 103	10-9-21 SENW	U0141315	891008900A	430473195600S1
NBU 104	16-9-21 SENE	ML3282	891008900A	430473195700S1
NBU 105	17-9-21 SWSW	UTU0575	891008900A	430473230200S1
NBU 106	21-9-21 NESW	UTU0576	891008900A	430473194600S1
NBU 107	26-9-21 SENW	U01194	891008900A	430473191600S1
NBU 108	19-9-22 SESE	UTU0284	891008900A	430473195800S1
NBU 109	27-9-21 SENE	U01194A	891008900A	430473191700S1 ✓
NBU 110	28-9-21 NENE	U05676	891008900A	430473192400S1
NBU 111	25-9-21 SWNW	U01194	891008900A	430473192000S1 ✓
NBU 112	33-9-22 SESE	UTU01191	891008900A	430473193000S1
NBU 113	34-9-22 SESE	UTU0149077	891008900A	430473193100S1
NBU 114	5-10-21 SWSW	UTU01393D	891008900A	430473192300S1
NBU 115	10-10-21 NENW	UTU0149079	891008900A	430473192900S1
NBU 116	6-10-22 NWNW	UTU464	891008900A	430473192500S1
NBU 117	10-10-22 NENE	U01197A	891008900A	430473191400S1
NBU 118	22-9-20 SENE	UTU0577B	891008900A	430473196900S1
NBU 119	22-9-20 SENW	UTU0577B	891008900A	430473197300S1
NBU 120	10-9-21 NWNW	U0141315	891008900A	430473197200S1
NBU 121	13-9-21 NWNE	U01193	891008900A	430473208600S1
NBU 122	13-9-21 SESE	U01193	891008900A	430473230300S1
NBU 123	15-9-21 NWNW	UTU01188	891008900A	430473197400S1
NBU 124	16-9-21 NWNE	ML3282	891008900A	430473197100S1
NBU 125	17-9-21 SESE	UTU0575	891008900A	430473235000S1
NBU 126	21-9-21 SENW	UTU0576	891008900A	430473234900S1
NBU 127	21-9-21 SWNW	UTU0576	891008900A	430473196300S1
NBU 128	21-9-21 SWSW	UTU0576	891008900A	430473196400S1
NBU 129	22-9-21 SENE	UTU010950A	891008900A	430473196500S1
NBU 130	22-9-21 SWNW	UTU0147566	891008900A	430473196700S1
NBU 131	23-9-21 NWSW	UTU0149075	891008900A	430473196600S1
NBU 132	26-9-21 NWNW	U01194	891008900A	430473193800S1 ✓
NBU 133	28-9-21 SWNE	U05676	891008900A	430473195000S1
NBU 134	28-9-21 SWSW	U05676	891008900A	430473201100S1
NBU 136	19-9-22 SWSE	UTU0284	891008900A	430473196800S1
NBU 137	30-9-22 SESE	ML22935	891008900A	430473193900S1 ✓
NBU 138A	33-9-22 SENE	UTU01191A	891008900A	430473215100S1
NBU 139	14-10-21 SWNE	UTU465	891008900A	430473194800S1
NBU 140	5-10-22 NWNE	UTU01191A	891008900A	430473194700S1
NBU 141	6-10-22 SENW	UTU464	891008900A	430473201700S1
NBU 142	10-10-22 NESE	UTU025187	891008900A	430473201300S1
NBU 143	10-9-21 SWNE	U0141315	891008900A	430473229700S1
NBU 144	23-9-21 NWNW	UTU0149075	891008900A	430473204400S1
NBU 145	27-9-21 NWNE	U01194A	891008900A	430473197600S1 ✓
NBU 146	14-10-21 SWNW	UTU465	891008900A	430473198500S1
NBU 147	4-10-22 NWSW	UTU01191	891008900A	430473198400S1
NBU 148	4-10-22 SESW	UTU01191	891008900A	430473198300S1

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
- 4a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- 4b. If **NO**, the operator was contacted on: \_\_\_\_\_
- 5a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
- 6. Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
- 7. Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- 8. Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 9. Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

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

**BOND VERIFICATION:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Serial No.

**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

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

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

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

3a. Address

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

3b. Phone No. (include area code)

**(435) 781-7024**

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

**SEE ATTACHED**

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

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

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

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006. KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

**RECEIVED**

**MAY 10 2006**

DIV. OF OIL, GAS & MINING

*BLM BOND = C01203  
BIA BOND = RLB0005239*

**APPROVED 5116106**

*Earlene Russell*

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

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

Name (Printed/Typed)

**RANDY BAYNE**

Title

**DRILLING MANAGER**

Signature

*Randy Bayne*

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

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

Office

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Serial No.

**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

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

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

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

SEE ATTACHED

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

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

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

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

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

RECEIVED  
MAY 10 2006

DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

*Brad Laney*

Title

Date

5-9-06

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

Office

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



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

January 26, 2012

CERTIFIED MAIL NO.: 7011 0110 0001 3568 1731

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

43 047 31090  
NBU 69N2  
9S 21E 35

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

Dear Ms. Jacobson:

As of January 2012, Kerr McGee Oil and Gas (Kerr McGee) has 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 a **THIRD NOTICE** of non-compliance for NBU 1022-1314S which had a re-issued second notice on April 14, 2011. Later an approval to PA on April 19, 2011 was signed by the Division.

This is the **SECOND NOTICE** of non-compliance that Kerr McGee has received for wells listed as such on Attachment A. These wells received a first notice on April 14, 2011. Additional correspondence from Kerr McGee was received in May and June. Three (3) of the aforementioned wells (Attachment A) had previously been granted SI/TA extensions which have since expired.

This is also **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.



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).

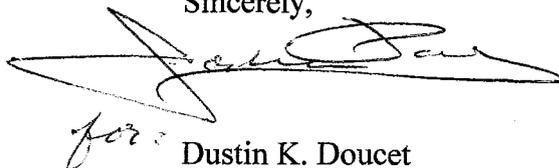
Please note that the Divisions preferred method for showing well integrity is by MIT

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,



*for* 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>3<sup>RD</sup> NOTICE</b>					
1	NBU 1022-13I4S	43-047-39475	STUO-08512-ST	4 Years 2 Months	12/31/2010
<b>2<sup>ND</sup> NOTICE</b>					
2	BONANZA 1023-16J	43-047-37092	ML-22186-A	4 Years 10 Months	12/31/2011
3	NBU 921-34J	43-047-37953	STATE	4 Years 6 Months	9/01/2009
4	NBU 921-34L	43-047-36388	STUO-1194-A	2 Years 9 Months	
5	NBU 921-33J	43-047-36394	STOU-015630	2 Years 11 Months	
<b>1<sup>ST</sup> NOTICE</b>					
6	UTE TRAIL U 88X2G	43-047-15389	ML-3352	1 Year 6 Months	
7	CIGE 3-32-9-22	43-047-30320	ML-22649	1 Year 8 Months	
8	NBU 31-12B	43-047-30385	ML-01197-A	1 Year 10 Months	
9	CIGE 51D	43-047-30889	U-01530-ST	1 Year 6 Months	
10	NBU 69N2	43-047-31090	U-01194-ST	1 Year	
11	NBU 97	43-047-31744	U-01189-ST	1 Year 1 Month	
12	BONANAZA 1023-2I	43-047-35663	ML-47062	1 Year 5 Months	
13	NBU 921-25D	43-047-36700	UO-01189-ST	1 Year 2 Months	
14	NBU 565-30E	43-047-37533	ML-22793	1 Year 11 Months	
15	STATE 1021-36D	43-047-38845	ML-47060	1 Year 5 Months	
16	NBU 661-24E	43-047-50011	ML-22790	1 Year 8 Months	



February 23, 2012

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:

We are in receipt of your letters dated January 26, 2012, regarding the shut-in and temporarily abandoned status of wells operated by Kerr McGee Oil and Gas.

The attached list explains the status of each well referenced in your January 26, 2012, letters.

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 black ink, appearing to read "Julie A. Jacobson". The signature is fluid and cursive.

Julie A. Jacobson  
Regulatory Affairs Supervisor

Attachment

**RECEIVED**  
**FEB 23 2012**  
**DIV. OF OIL, GAS & MINING**

23-Feb-12

## UDOGM LETTER(S)

WELL	API	Lease	Comment
UTAH 10-415	43-015-30391	ML-48189	P&A procedure planned to be submitted
NBU 1022-13I4S	43-047-39475	STUO-08512-ST	P&A procedure approved in June 2011; work completed by April 11, 2012
Bonanza 1023-16J	43-047-37092	ML-22186-A	TA approved on 4/19/2011; considering use of wellbore
NBU 921-34J	43-047-37953	STATE	June 2011 approved to convert to Birds Nest; convert by July 1, 2012
NBU 921-34L	43-047-36388	STUO-1194-A	June 2011 approved to convert to Birds Nest; convert by July 1, 2012
NBY 921-33J	43-047-36394	STUO-015630	Recompleted approved June 2011; on schedule
UTE Trail U88X2G	43-047-15389	ML-3352 (ML13826??)	Decision on well by May 1, 2012
CIGE 3-32-9-22	43-047-30320	ML-22649	Waiting for ground from recent activities to settle and then will put well back on production
NBU 31-12B	43-047-30385	ML-01197	Return to production by 5/1/2012
CIGE 51D	43-047-30889	U-01530-ST	P&A procedure approved; will plug this year
NBU 69N2	43-047-31090	U-01194-ST	Under review
NBU 97	43-047-31744	U-01189-ST	TA'd due to pressure monitor; pad completion aroun 9/1/2012
BONANZA 1023-2I	43-047-35663	ML-47062	work over scheduled 6/1/2012
NBU 921-25D	43-047-36700	UO-001189	TA'd due to pressure monitor; expected to drill out around 9/1/2012
NBU 565-30E	43-047-37533	ML-22793	P&A producer approved; work will be completed 7/18/2012
STATE 1021-36D	43-047-38845	ML-47060	producing (as of 12/28/2011)
NBU 661-24E	43-047-50011	ML-22790	producing (as of 12/28/2011)

RECEIVED  
FEB 23 2012  
DIV. OF OIL, GAS & MINING

<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> U-01194-ST
<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>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0575 FSL 0650 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 35 Township: 09.0S Range: 21.0E Meridian: S	<b>8. WELL NAME and NUMBER:</b> NBU 69N2
<b>PHONE NUMBER:</b> 720 929-6511	<b>9. API NUMBER:</b> 43047310900000
<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: 3/20/2012	<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="CIBP - CBL"/>

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

The operator requests to place an CIBP in the well to run a CBL log, in order to evaluate the well for a recompleat. Please see attached procedure. Thank you.

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

**Date:** March 29, 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> 3/21/2012	

**NBU 69N2**  
**575' FSL & 650' FWL**  
**SWSW - Sec. 35 – T9S - R21E**  
**Uintah County, UT**

**Set Isolation Plug – Obtain CBL**

<b>KBE:</b>	5107'	<b>API NUMBER:</b>	43-047-31090
<b>GLE:</b>	5099'	<b>LEASE NUMBER:</b>	STATE U-01194
<b>TD:</b>	6231'	<b>WI:</b>	100.000000%
<b>PBTD:</b>	6150'	<b>NRI:</b>	81.202950%
		<b>ORRI:</b>	9.547750%

**CASING:**

12.25" hole  
 9.625" 36# K-55 @ 201'  
 Cemented with 125 sx Class H, circulated 5 BC to pit. TOC @ surface by circulation.

7.875" hole  
 4.5" 11.6# N-80 @ 6231' with 750 sx 50-50 Hifill lead (12.3 ppg/1.392 yield) and 1050 sx 50-50 Pozmix tail (13.1 ppg/1.1 yield).  
 Circulated 30 bbl mud flush and unknown amount of 50 bbl spacer to pit, but no cement.  
 Original primary TOC unknown depth, but must be above ~2066' since at least some spacer was circulated.

**TUBING:**

2.375" 4.7# J-55 tubing @ 4890'.

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	0.1626	0.02173	0.00387
4.5" 11.6# N/M/I-80 csg	3.875	6350	7780	0.6528	0.0872	0.01554
<b>Annular Capacities</b>						
2.375" tbg. X 4.5" 11.6# csg.				0.4226	0.0565	0.01006
4.5" csg. X 9.625" 36# csg.				2.2159	0.3236	0.0576
4.5" csg. X 7.875" hole				1.7052	0.2278	0.0406
9.625" csg. X 12.25" hole				2.3436	0.3132	0.0558

**PERFORATION DETAIL:**

Formation	Date	Top	Bottom	SPF	Size, in.	STATUS
Tw	8/11/1995	5067	5068	4	0.35	Open
Tw	2/15/1982	5068		2	0.35	Open
Tw	2/15/1982	5454		2	0.35	Open
Tw	8/11/1995	5454	5455	4	0.35	Open
Tw	2/15/1982	5467		2	0.35	Open
Tw	8/11/1995	5467	5468	4	0.35	Open
Tw	8/11/1995	5617		4	0.35	Open
Tw	2/15/1982	5618		2	0.35	Open
Tw	2/15/1982	5893		2	0.35	Open
Tw	8/11/1995	5893	5894	4	0.35	Open
Tw	8/11/1995	5908	5909	4	0.35	Open
Tw	2/15/1982	5909		2	0.35	Open

**GEOLOGIC INFORMATION:**

Formation	Depth to top, ft.
Uinta	Surface
Wasatch	4714'

**WELL HISTORY****Completion – February 1982**

- PU 2.375" tubing and land at 4867'.
- Break down with 59 bbl 3% KCl and ball sealers, then fractured with 50000 gal gel containing 100000# 20/40 mesh sand. Screened out with 45782 gal gel and 83128# sand in formation. Cleaned out to PBTD and landed tubing at 4890'.
- Tested 700 MCFD, 2 BWPD, 475 psi FTP, 725 psi SICP, 16/64<sup>th</sup> choke on 3/3/1982.

**Workover #1 – August 1995**

- Cleaned out to PBTD.
- Reperforated per 8/11/1995 shots on perforation detail.
- Landed tubing at 5905' with SN at 5874'. RTP.

**January 2012**

- Well is uneconomical to RTP under current perforated interval. A CBL is necessary to determine the feasibility of an up-hole recompletion.

**Procedure Outline:**

- MIRU. N/D WH. N/U BOP.
- RIH w/wireline to try and pull tubing plug. If no tubing plug is found, control well and with fluid & POOH
- RIH w/ gauge ring and junk basket to ~5060'. RIH W/ 4-1/2" CIBP set same @ ~5040'. Bail 2sx of cement on top of CIBP.
- Run CBL
  - If CBL results are positive, this well is a recomplete candidate, with procedures to follow shortly.
  - IF CBL shows poor bond, this well is a potential PA, with procedures to follow shortly.
- RIH w/ 4500' of tubing.
- N/D BOP. N/U WH. RDMO.

**Contacts:**

CADY, FRANK	828-8207	OPERATOR
RASMUSSEN, JERRY	828-8239	FOREMAN
JENSEN, STEVE	828-6113	MECH LEAD
PORTILLO, JORDAN	781-9785/828-6221	ENGINEER

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: U-01194-ST
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	8. WELL NAME and NUMBER: NBU 69N2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0575 FSL 0650 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 35 Township: 09.0S Range: 21.0E Meridian: S	9. API NUMBER: 43047310900000
5. PHONE NUMBER: 720 929-6511	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
	COUNTY: UINTAH
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 4/19/2012	<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 checked="" type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The operator has conducted the work of placing a CIBP in the well and ran a CBL log to evaluate the well for a recomple. Based on the evaluation, the Operator requests to plug back and abandon the existing Wasatch perforations, and recomple the subject well in the Green River formation. Please see attached procedure for details. Once this well in completed in the Green River formation, this well will no longer be a part of the Natural Buttes Unit. Thank you.

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

**Date:** May 09, 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> 4/19/2012	



**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 43047310900000**

**Authorization: Board Cause No. 197-1.**

# Greater Natural Buttes Unit



**NBU 69N2**

**PLUGBACK WASATCH/MESAVERDE AND COMPLETE GREEN RIVER**

**DATE:4/16/12**

**AFE#:**

**API#:4304731090**

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

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

**SIGNATURE:**

**ENGINEERING MANAGER: JEFF DUFRESNE**

**SIGNATURE:**

**REMEMBER SAFETY FIRST!**

**Name:** NBU 69N2  
**Location:** SW SW SEC 35 T9S R21E  
**LAT: 39.986713**    **LONG: -109.526014**    **COORDINATE: NAD83 (Surface Location)**  
**Uintah County, UT**  
**Date:** 4/16/12

**ELEVATIONS:**        5099' GL                                5117' KB        *Frac Registry TVD: 6231'*

**TOTAL DEPTH:**        6231'                                **PBTD:** 5040'  
**SURFACE CASING:**                                9 5/8", 36# @ 201'  
**PRODUCTION CASING:**                                4 1/2", 11.6# N-80, @ 6231'

**TUBULAR PROPERTIES:**

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 1/2" 11.6# I-80 (See above)	7780	6350	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	0.4227

**TOPS:**

1,440' Green River Top  
1,641' Bird's Nest Top  
2,125' Mahogany Top  
4,715' Wasatch Top  
\*Based on latest geological interpretation

**BOTTOMS:**

**T.O.C. @ 450' - 3/22/2012 Cased Hole Solutions**  
(Note KB of 5107 printed on CBL is incorrect)

**GENERAL:**

- A minimum of **6** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Gearharts Induction-Density-Neutron log dated 1-22-82
- **1** fracturing stages required for coverage.
- Procedure calls for **1** CBP's (**8000** psi) and 1 CIBP (10,000psi).
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Pump scale inhibitor at 3 gpt (in pad and until 1.25 ppg ramp up is reached) and 10 gpt in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 20/40 mesh Ottawa sand, **Slickwater frac.**
- **Maximum surface pressure 5500 psi.**

- **If casing pressure test fails. MIRU with tubing and packer. Isolate leak by pressure testing above and below the packer. RIH and set appropriate casing leak remediation (specific details on remediation will be provided in post-job-report). Re-pressure test to 1000 and 3500 psi for 15 minutes each and to 5500 psi for 30 minutes.**
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). Stage acid and scale inhibitor if necessary to cover the next perforated interval.
- **Call flush at 0 PPG @ inline densimeters. Slow to 5 bbl/min over last 10-20 bbls of flush. Flush to top perf.**
- **If distance between plug and top perf of previous stage is less than 50', it is considered to be tight spacing - over flush stage by 5 bbls (from top perf)**
- Cement vols. Assume Neat Class G with a yield of 1.145CUFT./SX Onsite personnel must ensure stated slurry vol. is achieved if a different product is used
- CIBP w/ 2SX Cement at 5040 ( Isolate Wasatch Perfs)

**Existing Perforations:**

Formation	Date	Top	Bottom	SPF	Size, in.	STATUS
Tw	8/11/1995	5067	5068	4	0.35	Open
Tw	2/15/1982	5068		2	0.35	Open
Tw	2/15/1982	5454		2	0.35	Open
Tw	8/11/1995	5454	5455	4	0.35	Open
Tw	2/15/1982	5467		2	0.35	Open
Tw	8/11/1995	5467	5468	4	0.35	Open
Tw	8/11/1995	5617		4	0.35	Open
Tw	2/15/1982	5618		2	0.35	Open
Tw	2/15/1982	5893		2	0.35	Open
Tw	8/11/1995	5893	5894	4	0.35	Open
Tw	8/11/1995	5908	5909	4	0.35	Open
Tw	2/15/1982	5909		2	0.35	Open

**Relevant History:**

2/1982 Original completion – 50,000 gal/gel and 100,000 lbs 20/40 Sand

3/3/1982 First Wasatch Production

8/1/1995 Cleaned out to PBTD - Reperforated

3/22/2012

MIRU CASED HOLE SOLUTIONS, R/I TBG W/ GAUGE RING TAG PLUG @ 5734',  
 POOH RD CHS, POOH W/ TBG, S/B 140 JTS & L/D 45 JTS ON TRLR, RU CHS & RIH  
 TO 5080' W/ GAUGE RING & JUNK BASKET, POOH, JUNK BASKET CLEAN, RIH  
 W/ CIBP & SET @ 5040', POOH, RIH & BAIL 2 SX CMT ON PLUG, POOH, FILL CSG  
 W/ 80 BBLs TMAC, PRESS TEST @ 1000 PSI FOR 15 MIN, LOST 0 PSI, WAIT 1 1/2  
 HRS FOR CHS TO REPAIR COMP, RIH & RUN CBL FROM 4975' TO SURFACE. R/D  
 CHS.

3/23/2012

RIH W/ 141 JTS 2 3/8" J55 TBG & BLAST JOINT, LAND TBG @ 4480.15', NDBOP,  
 NUWH, R/D

**H2S History:** NO H2S History

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

1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
2. POOH w/ tubing
3. Plug – Protect top of Wasatch (4715') – RIH w/ 4 ½" CIBP. SET @ ~4760'. Pressure test casing to 500 psi, inform engineering if well does not pass test. Dump bail 4SX cement (50' coverage) TOC @ 4710'.
4. ND BOPs and NU frac valves. Test frac valves and casing to 1000 and 3500 psi for 15 minutes each and to 5500 psi for 30 minutes; if pressure test fails contact Denver engineer and see notes. As per standard operating procedure install steel blowdown line to reserve pit from 4-1/2" X 8-5/8" annulus. Lock **OPEN** the Braden head valve. Annulus will be monitored throughout stimulation. If release occurs, stimulation will be shut down. Well conditions will be assessed and actions taken as necessary to secure the well. UDOGM will be notified if a release to the annulus occurs.
5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
Green River	4641	4649	3	24
6. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Spot 250 gals of 15% HCL and let soak 5-10 min. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~4,641' and flush only with recycled water
7. Set 8000 psi CBP at ~4,591'.
8. ND Frac Valves, NU and Test BOPs.
9. TIH with 3 7/8" mill, pump off sub, XN nipple and tubing.
10. Mill 1 plugs and clean out to a depth of 4690'.
11. Land tubing at 4660', drop ball and POBS. Flow back completion load.
12. Clean out well with foam and/or swabbing unit until steady flow has been established from completion.
13. **Leave surface casing valve open.** Monitor and report any flow from surface casing. RDMO

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

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

NOTES:

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

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

Service Company Supplied Chemicals - Job Totals

Friction Reducer	43	gals @	0.5	GPT
Surfactant	86	gals @	1.0	GPT
Clay Stabilizer	43	gals @	0.5	GPT
15% Hcl	250	gals @	0	GPT + 250 GAL/STG
Iron Control for acid	1	gals @	5.0	GPT of acid
Surfactant for acid	0	gals @	1.0	GPT of acid
Corrosion Inhibitor for acid	1	gals @	2.0	GPT of acid

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

Scale Inhibitor	114	gals pumped	1.5	GPT
Biocide	26	gals @	0.3	GPT

**Name** NBU 69N2 - GR Recomplete  
**Perforation and CBP Summary**

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	Green River	4641	4649	3	24	4630	to	4620
	Green River							
	Green River							
	Green River							
	Green River							
	Green River							
	Green River							
	# of Perfs/stage				24	CBP DEPTH	4,591	
	Totals				24			



Acid Pickling and H2S Procedures (If Required)

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

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

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

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

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

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

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

Key Contact information

Production Engineer

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

Completion Supervisor Foreman

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

Completion Manager

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

Vernal Main Office

435-789-3342

Emergency Contact Information—Call 911

Vernal Regional Hospital Emergency: 435-789-3342

Police: (435) 789-5835

Fire: 435-789-4222



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

43 047 31090  
NBU 69N2  
35 9S 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

# 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 1023-20	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.	5. LEASE DESIGNATION AND SERIAL NUMBER: U-01194-ST
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	8. WELL NAME and NUMBER: NBU 69N2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0575 FSL 0650 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 35 Township: 09.0S Range: 21.0E Meridian: S	9. API NUMBER: 43047310900000
PHONE NUMBER: 720 929-6100	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: Uintah	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/6/2014	<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: <input style="width: 100px;" type="text"/>

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

KERR-MCGEE OIL & GAS ONSHORE, L.P. IS REQUESTING TO PLUG AND ABANDON THE SUBJECT WELL. SEE ATTACHED PROCEDURES.

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

**Date:** October 15, 2014

**By:** 

**Please Review Attached Conditions of Approval**

<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> 10/3/2014	



**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 43047310900000**

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. All balanced plugs shall be tagged to ensure they are at the depths specified in the procedure.**
  - 3. All annuli shall be cemented from a minimum depth of 100' to the surface.**
  - 4. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
  - 5. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 6. 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.**
- 7. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

10/9/2014

# Wellbore Diagram

r263

**API Well No:** 43-047-31090-00-00    **Permit No:**    **Well Name/No:** NBU 69N2  
**Company Name:** KERR-MCGEE OIL & GAS ONSHORE, L.P.  
**Location:** Sec: 35 T: 9S R: 21E Spot: SWSW  
**Coordinates:** X: 625833 Y: 4427344  
**Field Name:** NATURAL BUTTES  
**County Name:** Uintah

### String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	l/cu
HOL1	201	12.25			
SURF	201	9.625 x 4 1/2"	36	(0.3236) → 2.4192	
HOL2	6231	7.875 x 4 1/2" w/10%		(0.2953) → 3.3865	
PROD	6231	4.5	11.6	(0.0872) → 11.459	
T1	4480	2.375	4.7		
CIBP	5040				

Plug # 5

INSIDE:  $300' / (1.15 \times 0.0872) = 23 \text{ SX}$   
 OUT:  $4 1/2" \times 7 7/8" \times 99' / (1.15 \times 0.2953) = 25 \text{ SX}$   
 $4 1/2" \times 9 5/8" \times 201' / (1.15 \times 0.3236) = 57 \text{ SX}$

105 SX  
 TOC @ SFC  
 ✓ O.K.

### Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	6231	450	50	1800
SURF	201	0	H	125

Plug # 4

$(38 \text{ SX} \times 1.15 \times 11.459) = 500'$   
 TOC @ 1350'  
 ✓ O.K.

### Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
5068	5909			

Plug # 3

$(16 \text{ SX} \times 1.15 \times 11.459) = 210'$   
 TOC @ 2141'  
 ✓ O.K.

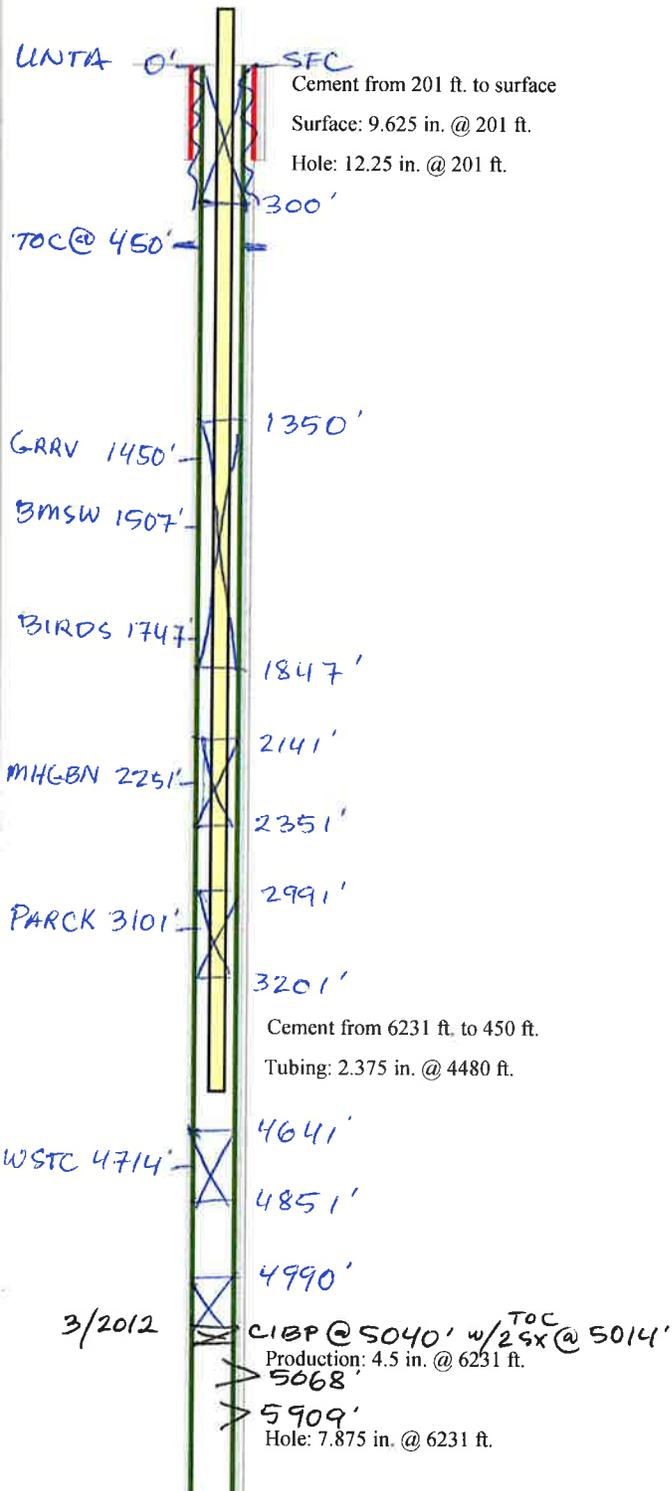
Plug # 2

### Formation Information

Formation	Depth
UNTA	0
GRRV	1450
BMSW	1507
MHGBN	2251
PARCK	3101
WSTC	4714
BIRDS	1747

Plug # 1

$(16 \text{ SX} \times 1.15 \times 11.459) = 210'$   
 TOC @ 4641'  
 ✓ O.K.



**TD:** 6231    **TVD:**    **PBTD:** 6150

**NBU 69N2**  
**575' FSL & 650' FWL**  
**SWSW - Sec. 35 – T9S - R21E**  
**Uintah County, UT**

<b>KBE:</b>	5107'	<b>API NUMBER:</b>	43-047-31090
<b>GLE:</b>	5099'	<b>LEASE NUMBER:</b>	STATE U-01194
<b>TD:</b>	6231'	<b>WI:</b>	100.000000%
<b>PBTD:</b>	6150' FC	<b>NRI:</b>	81.202950%
	5040' CIBP (3/2012)	<b>ORRI:</b>	9.547750%

**CASING:**

12.25" hole  
 9.625" 36# K-55 @ 201'  
 Cemented with 125 sx Class H, circulated 5 BC to pit. TOC @ surface by circulation.

7.875" hole  
 4.5" 11.6# N-80 @ 6231' with 750 sx 50-50 Hifill lead (12.3 ppg/1.392 yield) and 1050 sx 50-50 Pozmix tail (13.1 ppg/1.1 yield).  
 Circulated 30 bbl mud flush and unknown amount of 50 bbl spacer to pit, but no cement. Ran a CBL 3/22/2012 which showed TOC @ 450'.

**TUBING:**

2.375" 4.7# J-55 tubing @ 4480'.

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	0.02171	0.00387
4.5" 11.6# N/M/I-80 csg	3.875	6350	7780	0.6528	0.0872	0.01554
<b>Annular Capacities</b>						
2.375" tbg. X 4.5" 11.6# csg.				0.4227	0.0565	0.0101
4.5" csg. X 9.625" 36# csg.				2.4192	0.3236	0.0576
4.5" csg. X 7.875" hole				1.7052	0.2276	0.0406
9.625" csg. X 12.25" hole				2.3436	0.3132	0.0558

**PERFORATION DETAIL:**

<b>Formation</b>	<b>Date</b>	<b>Top</b>	<b>Bottom</b>	<b>SPF</b>	<b>Size, in.</b>	<b>STATUS</b>
Tw	8/11/1995	5067	5068	4	0.35	Isolated w. CIBP
Tw	2/15/1982	5068		2	0.35	Isolated w. CIBP
Tw	2/15/1982	5454		2	0.35	Isolated w. CIBP
Tw	8/11/1995	5454	5455	4	0.35	Isolated w. CIBP
Tw	2/15/1982	5467		2	0.35	Isolated w. CIBP
Tw	8/11/1995	5467	5468	4	0.35	Isolated w. CIBP
Tw	8/11/1995	5617		4	0.35	Isolated w. CIBP
Tw	2/15/1982	5618		2	0.35	Isolated w. CIBP
Tw	2/15/1982	5893		2	0.35	Isolated w. CIBP
Tw	8/11/1995	5893	5894	4	0.35	Isolated w. CIBP
Tw	8/11/1995	5908	5909	4	0.35	Isolated w. CIBP
Tw	2/15/1982	5909		2	0.35	Isolated w. CIBP

**GEOLOGIC INFORMATION:**

<b>Formation</b>	<b>Depth to top, ft.</b>
Uinta	Surface
Green River	1450'
Bird's Nest	1747'
Mahogany	2251'
Base of Parachute	3101'
Wasatch	4751'

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

<b>USDW Elevation</b>	<b>~3600' MSL</b>
<b>USDW Depth</b>	<b>~1507' KBE</b>

## **WELL HISTORY**

### **Completion – February 1982**

- PU 2.375" tubing and land at 4867'.
- Break down with 59 bbl 3% KCl and ball sealers, then fractured with 50000 gal gel containing 100000# 20/40 mesh sand. Screened out with 45782 gal gel and 83128# sand in formation. Cleaned out to PBTD and landed tubing at 4890'.
- Tested 700 MCFD, 2 BWPD, 475 psi FTP, 725 psi SICP, 16/64<sup>th</sup> choke on 3/3/1982.

### **Workover – August 1995**

- Cleaned out to PBTD.
- Reperforated perforated intervals 5067' -5909' with 4 spf
- C/O to PBTD 6187'
- Landed tubing at 5905' with SN at 5874'. RTP.

### **Workover – March 2012**

- RIH with a gauge ring to 5734'. RIH with a CIBP and set @ 5040' (capped with two sxs cement.
- Pressure tested casing to 1000 psi for 15 minutes. Lost 0 psi.
- Run a CBL from 4975' to surface.
- RIH with 2 3/8" tubing and landed @ 4480'. RDMOL and left T&D's for NBU 921-35M pad.

## **NBU 69N2 PLUG & ABANDONMENT PROCEDURE**

### **GENERAL**

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCID. PREMIX 5 GALLONS PER 100 BBL FLUID.
- NOTIFY APPROPRIATE AGENCY 24 HOURS BEFORE MOVING ON LOCATION.

### **PROCEDURE**

**Note:** Approx. **185 sx** Class "G" cement needed for procedure.

**Note:** A gyro survey was run on this well to 5800' on 6/10/2010.

**Note:** There is 2 3/8" J-55 tubing in the well to 4480'.

NO GYRO IS NEEDED. IT WAS RUN ON 6/10/2010 TO 5800'.

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. POOH W/ TBG.
3. **ISOLATE WASATCH PERFORATIONS (5067-5909')**: ALREADY COMPLETED WHEN A 4 1/2" CIBP WAS SET @ 5040' AND WAS CAPPED WITH CEMENT IN MARCH 2012.
4. **PLUG #1, PROTECT WASATCH TOP (4751')**: TIH TO ~5440'. CIRC ENTIRE HOLE WITH W/ TREATED FRESH WATER. TOOH TO 4851'. SET A CEMENT BALANCED PLUG FROM **4851' - 4641'** (210' COVERAGE) WITH **(16 SXS, 18.3 CUFT / 3.3 BBL)**. **TOC @ ~4641'**
5. **PLUG #2, PROTECT BASE OF PARACHUTE (~3101')**: PUH TO ~3201. BRK CIRC W/ FRESH WATER. SET A CEMENT BALANCED PLUG FROM **3201' - 2991'** (210' COVERAGE) WITH **(16 SXS, 18.3 CUFT / 3.3 BBL)**. **TOC @ ~2991'**
6. **PLUG #3, PROTECT MAHOGANY (~2251')**: PUH TO ~2351. BRK CIRC W/ FRESH WATER. SET A CEMENT BALANCED PLUG FROM **2351' - 2141'** (210' COVERAGE) WITH **(16 SXS, 18.3 CUFT / 3.3 BBL)**. **TOC @ ~2141'**
7. **PLUG #4 TOP OF BIRD'S NEST (~1747'), USDW (1507') & TOP OF GREEN RIVER (1450')**: PUH TO ~1847'. BRK CIRC W/ FRESH WATER. SET A CEMENT BALANCED PLUG FROM **1847' - 1350'** (497' COVERAGE) WITH **(38 SXS, 43.3 CUFT / 7.71 BBL)**. **TOC @ ~1350'**
8. **PLUG #5, FILL SURFACE HOLE & ANNULUS:** POOH. HOOK UP 1" PIPE AND PUMP **115.5 CUFT / 20.6 BBL / ~101 SX** OR SUFFICIENT VOLUME TO FILL 4 1/2" CASING AND 4.5" X 9.625" ANNULUS F/ 300' TO SURFACE.
9. CUT OFF WELLHEAD AND INSTALL MARKER PER REGULATIONS.
10. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB. SURFACE RECLAMATION TO BE PERFORMED IN ACCORDANCE TO REGULATIONS.

RBM 10/2/2014

<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> U-01194-ST	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> NBU 69N2
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047310900000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6100
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0575 FSL 0650 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 35 Township: 09.0S 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: 10/29/2014	<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 checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

In reference to the UDOGM letter dated 09/04/2014 for Extended Shut-in and Temporary Abandoned Well Requirements the NBU 69N2 has been plugged and abandoned, see the attached operations summary report. Surface reclamation shall be done in accordance with R649-3-34.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 November 06, 2014

<b>NAME (PLEASE PRINT)</b> Kay E. Kelly	<b>PHONE NUMBER</b> 720 929 6582	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/4/2014	

US ROCKIES REGION  
Operation Summary Report

Well: NBU 69N2

Spud Date: 12/22/1981

Project: UTAH-UINTAH

Site: NBU 69N2

Rig Name No: MILES-GRAY 1/1

Event: ABANDONMENT

Start Date: 10/17/2014

End Date: 10/29/2014

Active Datum: RKB @0.00usft (above Mean Sea Level)

UWI: NBU 69N2

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
10/28/2014	6:00 - 7:00	1.00	ABANDP	30	G	P		TRAVEL TO LOC,
	7:00 - 9:00	2.00	ABANDP	30	A	P		MIRU SERVICE UNIT,
	9:00 - 12:00	3.00	ABANDP	30	F	P		N/D WH, N/U BOPS, PULLED TBG HANGER
	12:00 - 15:00	3.00	ABANDP	31	I	P		R/U SCAN TECH, TOO H W/ 2 3/8" J-55 TBG, SCAN TBG OUT, FOUND 101 YELLOW BAND AND 40 RED BAND,
	15:00 - 17:00	2.00	ABANDP	31	I	P		P/U NOTCH COLLAR RIH W/ 2 3/8" J-55 TBG , TAG AT 5014', LAY DN 1 JT,
10/29/2014	17:00 - 18:30	1.50	ABANDP	31	H	P		HOOK UP CIRC WELL W/ T-MAC WTR, P/O LAY DN 5 JTS ON TRAILER, SWI, SDFN
	7:00 - 7:15	0.25	ABANDP	48		P		JSA-SAFETY MEETING
	7:15 - 8:30	1.25	ABANDP	51	D	P		PLUG #1, R/U PRO-PETRO CEMENTER, MIX AND PUMP 16 SACKS CLASS G CEMENT W/ SPOTTING CEMENT PLUG FROM 4851' TO 4641', P/O LAY DN 8 JTS ON TRAILER, REVERSE CIRC W/ GETTING A TRACE CEMENT BACK, P/O LAY DN 44 JTS ON TRAILER. TO 3201'
	8:30 - 9:30	1.00	ABANDP	51	D	P		PLUG #2, MIX AND PUMP 16 SKS CEMENT W/ SPOT CEMENT AT 3201' TO 2991', P/O LAY DN 8 JTS ON TRAILER, REVERSE CIRC W/ GETTING TRACE CEMENT BACK, P/O LAY DN 19 JTS ON TRAILER, TO 2351'
	9:30 - 10:10	0.67	ABANDP	51	D	P		PLUG #3, MIX AND PUMP 16 SKS CEMENT W/ SPOT CEMENT AT 2351' TO 2141', P/O LAY DN 8 JTS ON TRAILER, REVERSE CIRC W/ GETTING TRACE CEMENT BACK, P/O LAY DN 8 JTS ON TRAILER, TO 1847.'
	10:10 - 11:00	0.83	ABANDP	51	D	P		PLUG #4, MIX AND PUMP 38 SKS CEMENT W/ SPOT CEMENT AR 1847' TO 1350', P/O LAY DN 58 JTS ON TRAILER,
	11:00 - 11:15	0.25	ABANDP	34	H	P		R/U CUTTER WIRELINE RIH PERF 4 1/2" CSG AT 300', R/D CUTTER,
	11:15 - 12:00	0.75	ABANDP	51	D	P		PLUG #5, ESTB CIRC DN CSG OUT SURFACE, MIX AND PUMP 174 SACKS CLASS G CEMENT, W/ GETTING GOOD CEMENT OUT SURFACE,
	12:00 - 13:00	1.00	ABANDP	30	C	P		N/D BOPS, R/D RIG, MOVE SIDE OF LOC,
	13:00 - 18:00	5.00	ABANDP	53	B	P		DUG OUT AROUND WELL HEAD, CUT SURFACE CSG AND CSG OFF, TOP CSG OFF W/ CEMENT, JACKHAMMER DN TO 6', CUT CSG OFF, WELD ON DRY HOLE MARKER, COVER UP HOLE,
DRY HOLE MAKER ON LATITUDE = 39.9869 LONGITUDE = 109.5262								

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-01194-ST
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
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<b>1. TYPE OF WELL</b> Gas Well		<b>8. WELL NAME and NUMBER:</b> NBU 69N2
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>9. API NUMBER:</b> 43047310900000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6100	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0575 FSL 0650 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 35 Township: 09.0S Range: 21.0E Meridian: S		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/6/2014  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input 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"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="cancellation date for P&amp;A"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>THE NOI TO RECOMPLETE THE NBU 69N2 WAS NOT DONE. THE CANCELLATION DATE IS 10/06/2014. THANK YOU.</p>		
<p><b>Accepted by the Utah Division of Oil, Gas and Mining</b> <b>FOR RECORD ONLY</b> November 06, 2014</p>		
<b>NAME (PLEASE PRINT)</b> Kay E. Kelly	<b>PHONE NUMBER</b> 720 929 6582	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 11/4/2014



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.