FORM 3

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number: ML-22935

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

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

1A. Type of Work: DRILL [X] DEEPEN [ ]

7. Unit Agreement Name: Natural Buttes Unit

B. Type of Well: OIL [ ] GAS [X] OTHER: SINGLE ZONE [X] MULTIPLE ZONE [ ]

8. Farm or Lease Name: CIGE

2. Name of Operator: Coastal Oil & Gas Corporation

9. Well Number: 240-29-9-22

3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455

10. Field and Pool, or Wildcat: Natural Buttes Field

4. Location of Well (Footages)
At surface: 1411' FNL, 2007' FWL
At proposed proding zone:

11. Qtr/Qtr, Section, Township, Range, Meridian: S NENW, Section 29, T9S-R22E

14. Distance in miles and direction from nearest town or post office: See Topo Map A

12. County: Uintah

13. State: Utah

15. Distance to nearest property or lease line (feet): 1411'

16. Number of acres in lease: 200

17. Number of acres assigned to this well: N/A

18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet): See Topo Map C

19. Proposed Depth: 7900'

20. Rotary or cable tools: Rotary

21. Elevations (show whether DR, RT, GR, etc.): Ungraded GR - 4932'

22. Approximate date work will start: Upon Approval

23. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See Attached				
Drilling Program				

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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.

Coastal Oil & Gas Corporation proposes to drill a well to the proposed TD as stated above. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per State of Utah requirements.

See the attached Drilling Program and Multi-point Surface Use & Operations Plan.

Coastal Oil & Gas Corporation is considered to be the operator of the subject well. It agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided for by Coastal's Bond #102103.

24. Name & Signature: Sheila Bremer — Title: Environmental & Safety Analyst — Date: 9/29/98

(This space for State use only)

API Number Assigned: 43-047-33207

Approval: 12/2/98

(See Instructions on Reverse Side)

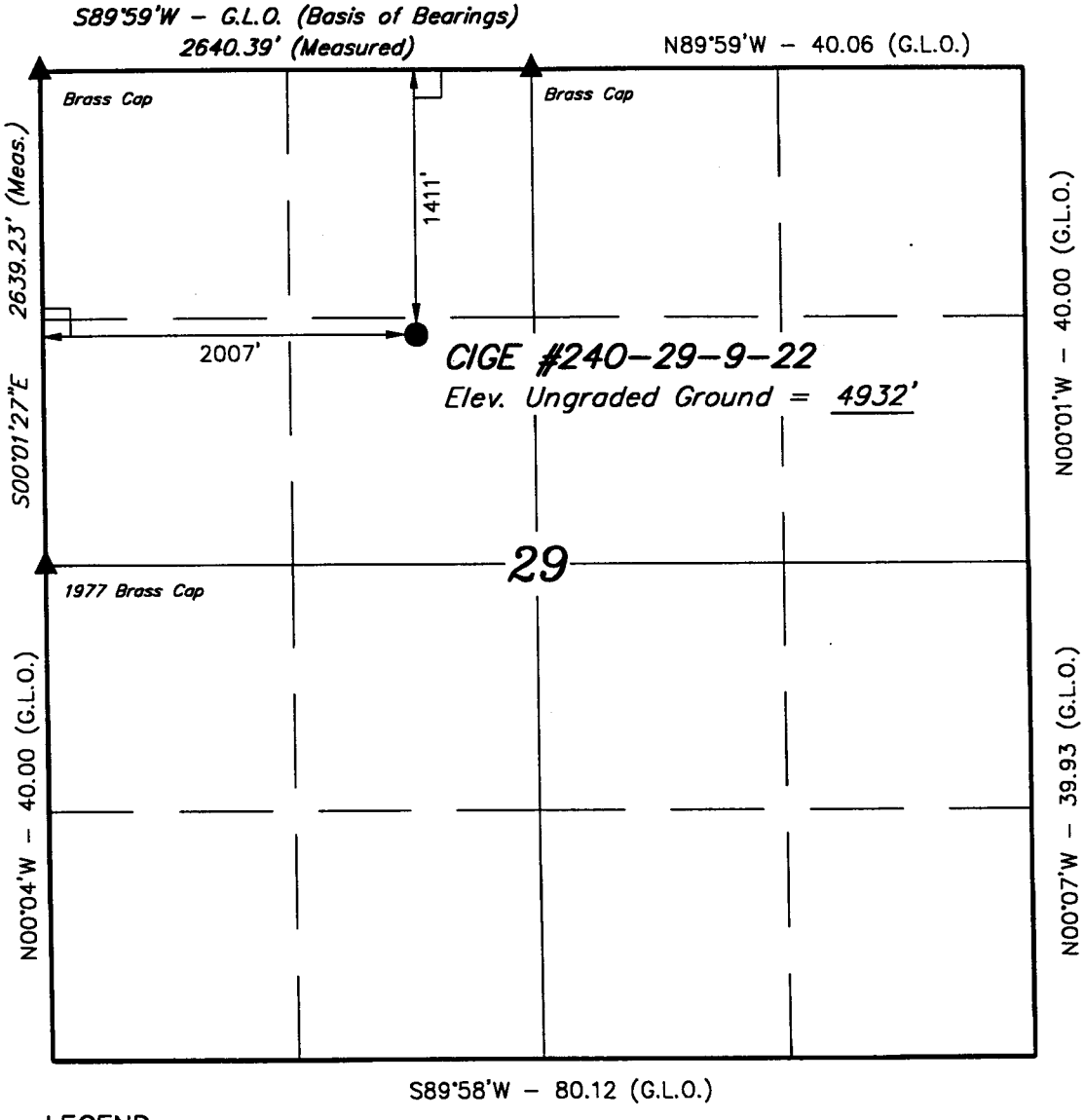
RECEIVED
SEP 30 1998
DIV. OF OIL, GAS & MINING

(1\93)

COASTAL OIL & GAS CORP.

Well location, CIGE #240-29-9-22, located as shown in the SE 1/4 NW 1/4 of Section 29, T9S, R22E, S.L.B.&M., Uintah County, Utah.

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

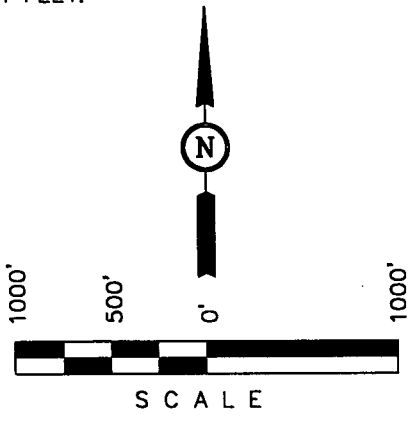


LEGEND:

- = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

BASIS OF ELEVATION

BENCH MARK 23EAM LOCATED IN THE NW 1/4 OF SECTION 19, T9S, R22E, S.L.B.&M. TAKEN FROM THE RED WASH SW, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4904 FEET.



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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE: 1" = 1000'	DATE SURVEYED: 07-29-98	DATE DRAWN: 07-30-98
PARTY: J.F. J.L. D.R.B.	REFERENCES: G.L.O. PLAT	
WEATHER: WARM	FILE: COASTAL OIL & GAS CORP.	

CIGE 240-29-9-22
1141' FNL & 2007' FWL
SE/NW, SECTION 29-T9S-R22E
UINTAH COUNTY, UTAH

COASTAL OIL & GAS CORPORATION

DRILLING PROGRAM

The proposed wellsite is on **State of Utah surface/State of Utah minerals.**

1. **Estimated Tops of Important Geologic Markers:**

Formation	Depth
Duchesne River/Uinta	Surface
Green River	1,581'
Mahogany Bench	2,254'
Wasatch	4,681'
Mesaverde Sand	7,031'
Total Depth	7,900'

2. **Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

Substance	Formation	Depth
Oil/Gas	Green River	1,581'
	Mahogany Bench	2,254'
	Wasatch	4,681'
	Mesaverde Sand	7,031'
Water	N/A	
Other Minerals	N/A	

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. Oil and gas shows will be tested to determine commercial potential.

3. **Pressure Control Equipment:** (Schematic Attached)

a. The BOP stack will consist of one 11" 3,000 psi annular BOP, one 11" 3,000 psi double ram, and one 11" drilling spool. The lower ram will contain pipe rams, and the upper ram will contain blind rams.

b. The choke and kill lines and the choke manifold will have a 3,000 psi minimum pressure rating.

c. Testing: The hydril will be tested to 1,500 psi. The rams, choke manifold, kelly safety valves, drill string safety valves, and inside BOP will be tested to 2,000 psi.

4. **Proposed Casing and Cementing Program:**

a. The proposed Casing Program will be as follows:

Purpose	Depth	Hole Size	Csg Size	Wt/ft	Grade	Type
Surface	0-250'	12¼"	8⅝"	24#	K-55	ST&C
Production	0-TD	7⅞"	4½"	11.6#	K-55	LT&C

The surface casing will be tested to 1,500 psi prior to drilling out.

Casing design is subject to revision based on geologic conditions encountered.

b. The Cement Program will be as follows:

Surface	Fill	Type & Amount
0-250'	250'	Approximately 190 sx Class "G" + 2% $CaCl_2$, 15.6 ppg, 1.19 CF/sx.

Production	Type & Amount
500' above productive interval to surface	Lead: Extended, Lite, or Hi-Fill cement + additives, 11 ppg.
TD to 500' above productive interval	Tail: Extended Class "G" or 50:50 Poz + additives, 14 ppg.

For production casing, actual cement volumes will be determined from the caliper log.

For surface casing, waiting on cement time will be adequate to achieve 500 psi compressive strength at the shoe prior to drilling out.

As a minimum, the usable water shall be isolated and/or protected by having a cement top for the production casing at least 200 feet above the top of the Mahogany Oil Shale.

5. **Drilling Fluids Program:**

Interval	Type	Mud Wt.
0-TD'	Air/Air Mist/Aerated Water/Water (As hole conditions warrant.) Depending on hole conditions, the hole will be displaced to either 10 ppg brine or drilling mud prior to logging.	8.4 ppg or less

No chromate additives will be used in the mud system without prior approval to ensure adequate protection of fresh water aquifers.

This well will be considered a candidate for disposal of its drilling fluids down the casing annulus. If this disposal method is considered viable by the Operator, a sundry shall be submitted to each appropriate regulatory agency for approval after drilling is completed. Regulatory approval will be obtained prior to execution. The following information shall be included in the sundry:

- Chemical constituency of the drilling fluid;
- Depths where the casing has been set;
- Depths of freshwater zones encountered during drilling;
- Procedure for protection of freshwater (potential drinking water) zones, if encountered;
- Presence of any lost circulation zones;
- Depth of target formation where drilling fluid will exit the wellbore;
- Water quality in the target formation prior to drilling fluid disposal;
- Explanation of target formation's suitability to accept drilling fluid;
- Preventative measures to be taken to ensure that drilling fluids will not re-enter the wellbore;
- Volume of fluids to be disposed of;
- Fluid pressure necessary to pump the drilling fluids.

6. **Evaluation Program:**

a. Logging Program:

DLL/SP:	Base of surface casing to TD
GR/Neutron Density:	2500'-TD
Drill Stem Tests:	None anticipated.

The Evaluation Program may change at the discretion of the well site geologist.

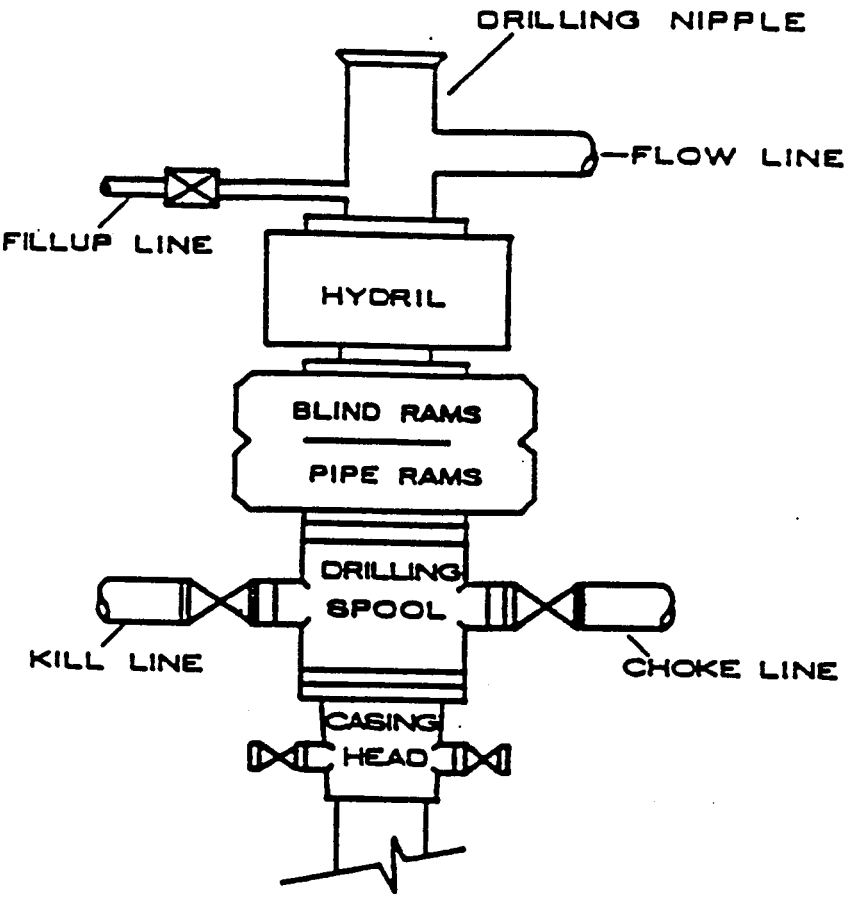
b. No drill stem tests, stimulation, or frac treatment has been formulated for this well at this time; however, the drill site, as approved, will be of sufficient size to accommodate all completion activities.

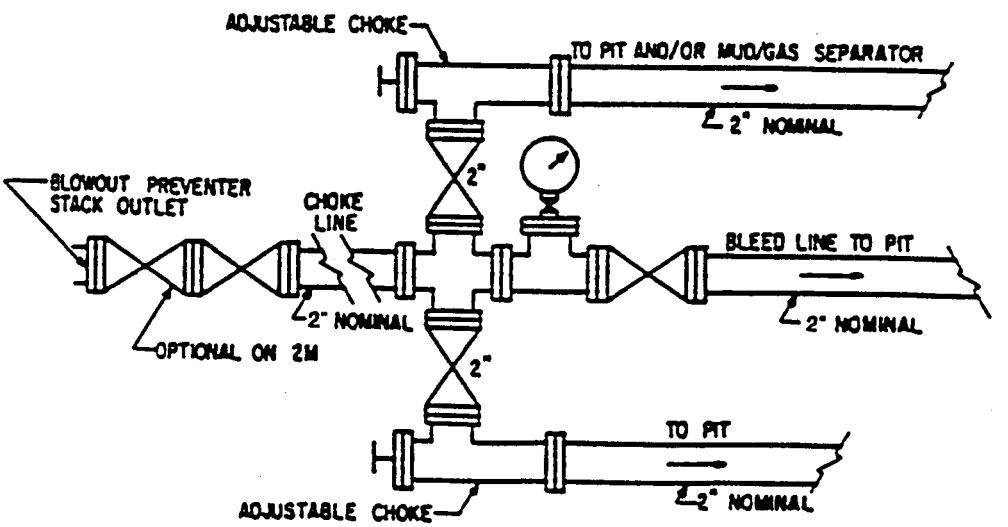
7. **Abnormal Conditions:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered in or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure approximately equals 3,160 psi (calculated at 0.4 psi/foot) and maximum anticipated surface pressure equals approximately 1,422 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

BOP STACK

3,000 PSI





3,000 PSI CHOKE MANIFOLD

CIGE 240-29-9-22
1141' FNL & 2007' FWL
SE/NW, SECTION 29-T9S-R22E
UINTAH COUNTY, UTAH

COASTAL OIL & GAS CORPORATION

MULTI-POINT SURFACE USE & OPERATIONS PLAN

This Surface Use and Operations Plan is subject to change pending completion of the on-site inspection.

1. **Existing Roads:**

The proposed well site is approximately 50.8 miles southwest of Vernal, Utah.

Refer to Topo Maps A and B for directions to the location.

Refer to Topo Maps A and B for location of access roads within a 2 mile radius.

Improvements to existing access roads shall be determined at the on-site inspection.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. **Planned Access Roads:**

Approximately 0.1 miles of new access will be required. The new access road will be crowned and ditched with a running surface if 18 feet and a maximum disturbed width of 30 feet, ***unless modified at the on-site inspection***. Appropriate water control will be installed to control erosion.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities shall be determined at the on-site.

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

3. **Location of Existing Wells Within a 1-Mile Radius:** (See Map C)

a. Water wells - 0

b. Producing wells - 19

c. Drilling wells - 0

d. Shut-in wells - 0

e. Temporarily abandoned wells - 0

f. Disposal wells - 0

g. Abandoned wells - 2

h. Injection wells - 0

4. **Location of Existing and Proposed Facilities:**

The following guidelines will apply if the well is productive.

a. All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

b. A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

c. All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Desert Brown, Munsell standard color number 10 YR 6/3.

d. Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

e. The proposed pipeline will leave the well pad in a northerly direction for an approximate distance of 1400 feet to tie into an existing pipeline. ***This section is subject to modification as a result on the on-site inspection.*** Please see Map D.

5. **Location and Type of Water Supply:**

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Section 32-T4S-R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. **Source of Construction Materials:**

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. **Methods of Handling Waste Materials:**

a. Drill cuttings will be contained and buried in the reserve pit.

b. Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

c. The reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids. ***The need for a reserve pit liner will be determined at the on-site inspection.***

If a plastic reinforced liner is used, it will be a minimum of 12 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

d. Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

e. A chemical porta-toilet will be furnished with the drilling rig.

f. Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

g. All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

h. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

8. **Ancillary Facilities:**

None are anticipated.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s),

and surface material stockpile(s). ***This section is subject to modification as a result of the on-site inspection.***

See the attached diagram to describe rig orientation, parking areas, and access roads.

a. The reserve pit will be located on the south side of the location.

b. The stockpiled topsoil (first six inches) will be stored on the south side of the location. All brush removed from the well pad during construction will be stockpiled separately from the topsoil.

c. The flare pit will be located on the north side of the location, downwind from the prevailing wind direction.

d. Access will be from the east.

e. All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

f. The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **Plans for Reclamation of the Surface:**

a. Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

If a plastic, nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

b. Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and the re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. **Surface Ownership:**

a. Access Roads - The proposed access road is located on lands owned by:

- State of Utah

b. Well Pad - The well is located on land owned by:

- State of Utah
  675 East 500 South
  Salt Lake City, Utah 84102-2818

12. **Other Information:**

a. All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

b. The Operator will control noxious weeds along right-of-ways for roads, pipelines, well sites, or other applicable facilities.

c. A Class III archeological survey was conducted by Montgomery Archaeological Consultants. A copy of this report was sent directly to James Dykman, Utah Preservation Office.

13. **Lessee's or Operators's Representative and Certification:**

Sheila Bremer
Environmental & Safety Analyst
Coastal Oil & Gas Corporation
P.O. Box 749
Denver, CO 80201-0749
(303) 573-4455

Tom Young
Drilling Manager
Coastal Oil & Gas Corporation
9 Greenway Plaza, Suite 2770
Houston, TX 77046
(713) 418-4156

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the operator, its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Sheila Bremer

Sheila Bremer

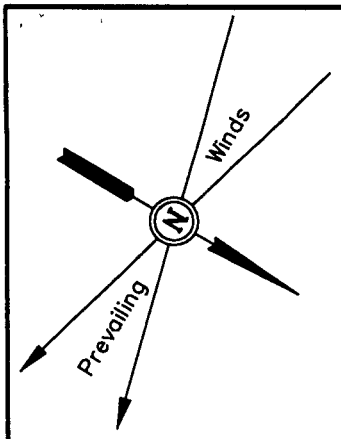
9/29/98

Date

COASTAL OIL & GAS CORP.

LOCATION LAYOUT FOR

CIGE #240-29-9-22
SECTION 29, T9S, R22E, S.L.B.&M.
1411' FNL 2007' FWL



SCALE: 1" = 50'
DATE: 07-30-98
Drawn By: D.R.B.

F-9.7'
El. 16.2'

F-3.1'
El. 22.8'

F-15.0'
El. 10.9'

Sta. 3+25

Topsoil Stockpile

Round Corners as Needed

REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH

NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.

Approx. Toe of Fill Slope

PIPE TUBS
PIPE RACKS
CATWALK

Spoils Stockpile

El. 29.0'
C-13.1'
(btm. pit)

FLARE PIT
Bloole Line

C-3.5'
El. 29.4'

C-5.0'
El. 30.9'

C-6.4'
El. 32.3'

RIG

Sta. 1+50

TOILET

F-5.9'
El. 20.0'

TRAILER

MUD TANKS
DOG HOUSE
LIGHT PLANT
BOILER
COMPRESSOR
BOOSTER
WATER TANK
PUMP HOUSE
MUD TANKS

RESERVE PITS
(10' Deep)
Pit Capacity With 2' of Freeboard is ±9,650 Bbls.
Sta. 0+55

10' WIDE BENCH

Approx. Top of Cut Slope

TRASH
PROPANE STORAGE

El. 29.3'
C-13.4'
(btm. pit)

El. 36.4'
C-10.5'

Reserve Pit Backfill & Spoils Stockpile

C-10.4'
El. 36.3'

C-7.1'
El. 33.0'

Subsoil Stockpile

Sta. 0+00

F-11.1'
El. 14.8'

Proposed Access Road

NOTES:

Elev. Ungraded Ground At Loc. Stake = 4932.3'

FINISHED GRADE ELEV. AT LOC. STAKE = 4925.9'

FIGURE #1

UINTAH ENGINEERING & LAND SURVEYING
86 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

COASTAL OIL & GAS CORP.

TYPICAL CROSS SECTIONS FOR

CIGE #240-29-9-22
SECTION 29, T9S, R22E, S.L.B.&M.
1411' FNL 2007' FWL

1" = 20' X-Section Scale
1" = 50'

DATE: 07-30-98
Drawn By: D.R.B.

REGISTERED LAND SURVEYOR
No. [illegible]
ROBERT L. KAY
STATE OF UTAH

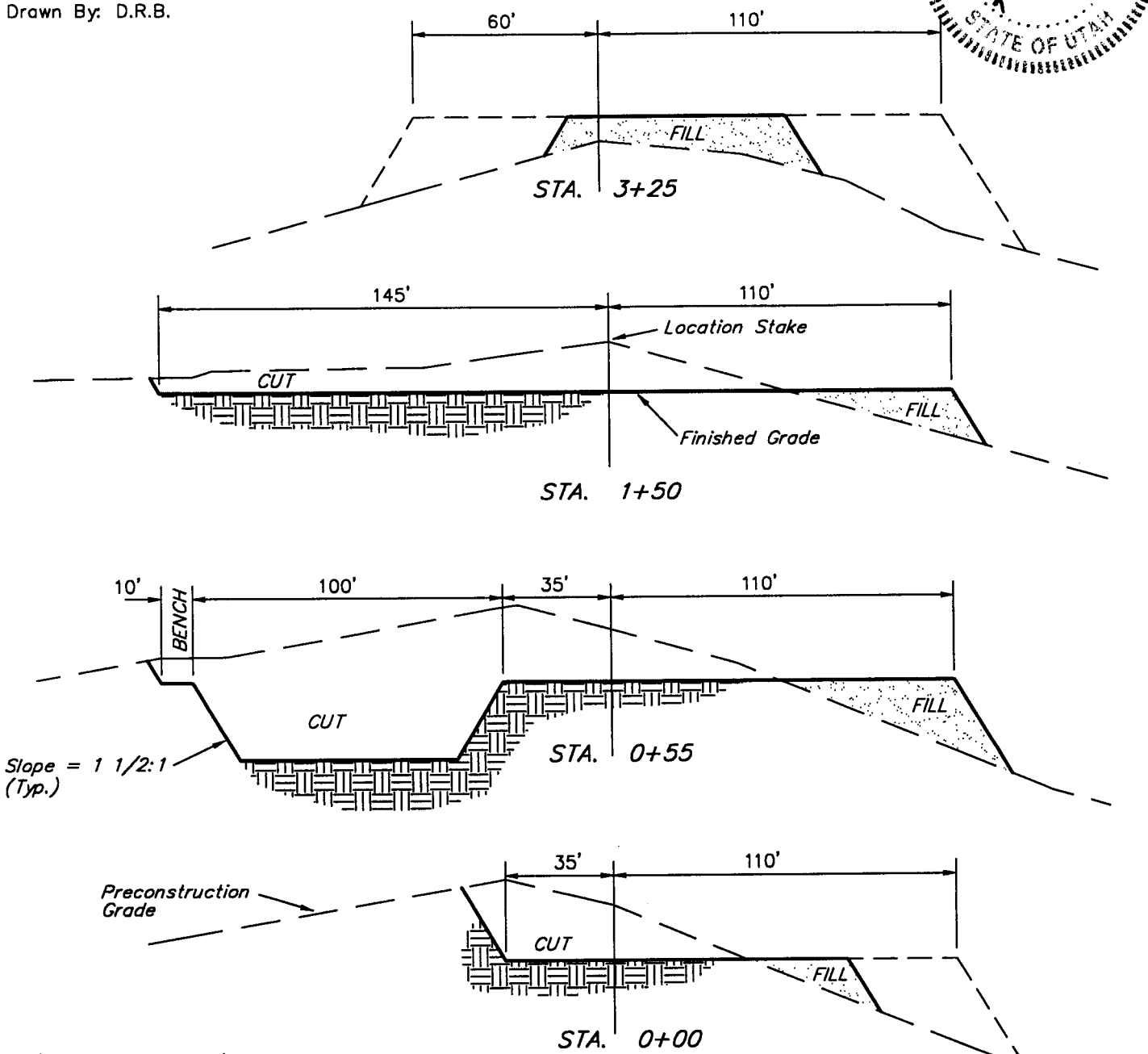


FIGURE #2

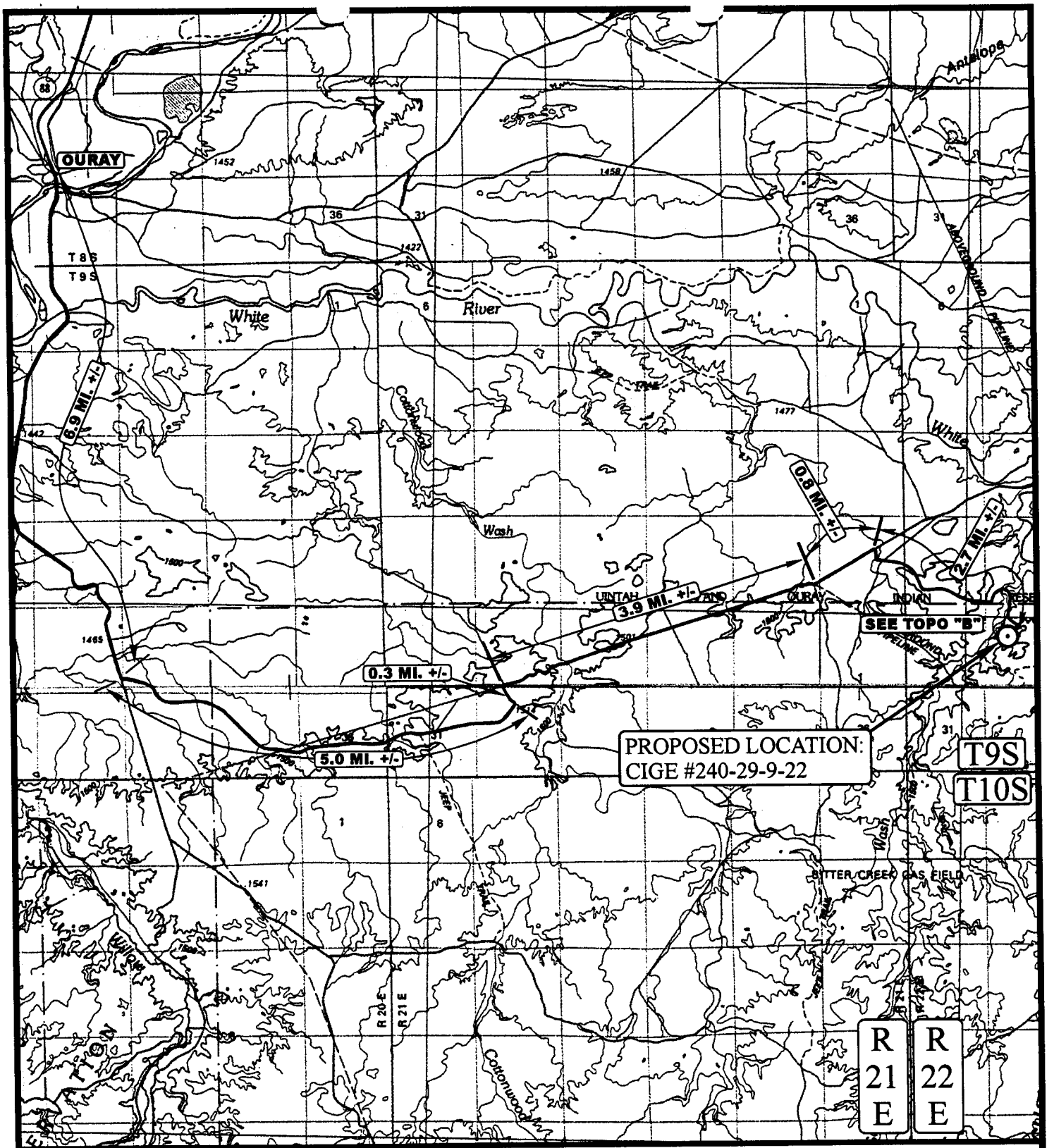
APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping	=	*1,140* Cu. Yds.
Remaining Location	=	*8,190* Cu. Yds.
TOTAL CUT	=	*9,330* CU.YDS.
FILL	=	*6,510* CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	=	*2,480* Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	*2,480* Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	*0* Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
*85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017*



LEGEND:

⊙ PROPOSED LOCATION

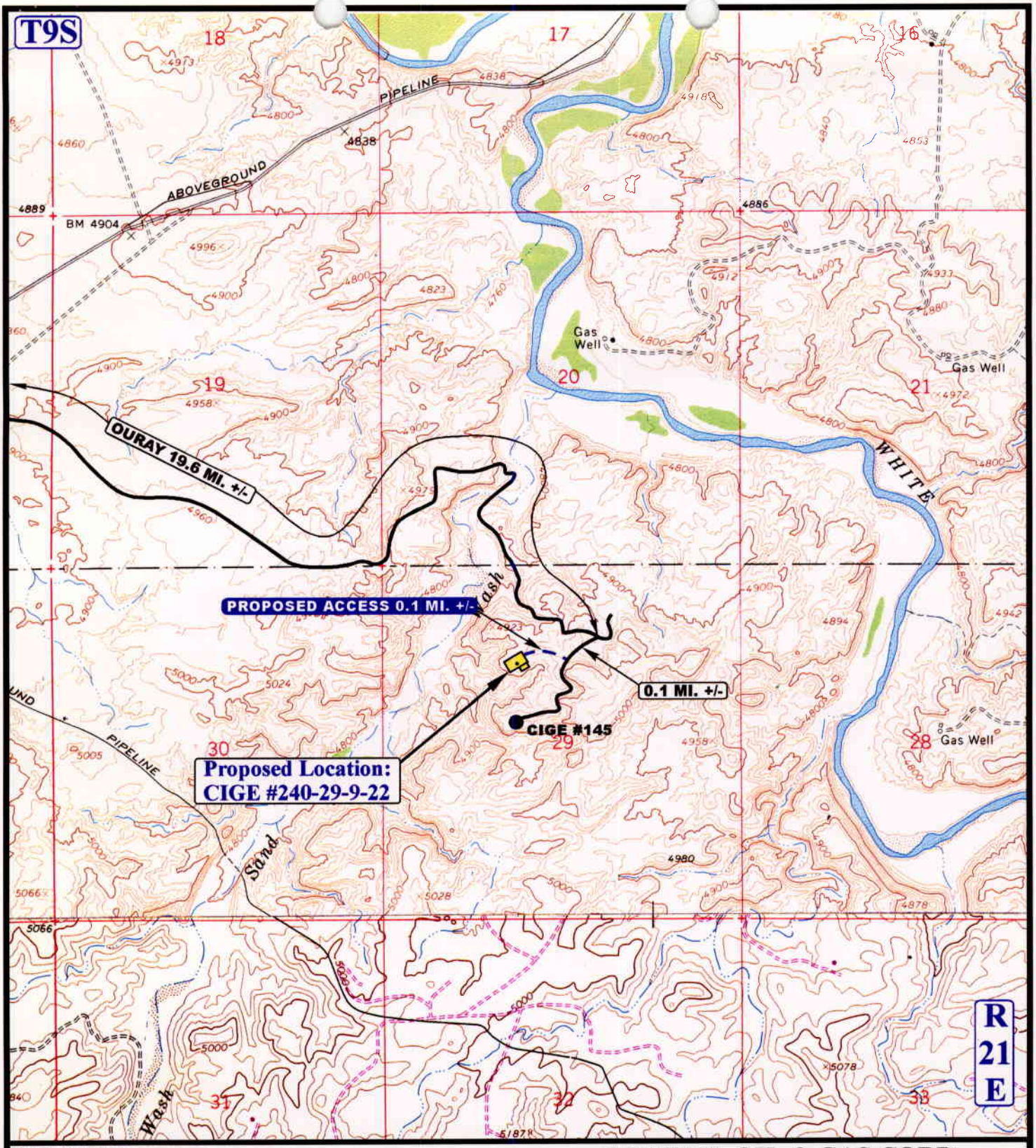
N

COASTAL OIL & GAS CORP.

CIGE #240-29-9-22
SECTION 29, T9S, R22E, S.L.B.&M.
1411' FNL 2007' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	7 MONTH	30 DAY	98 YEAR	A TOPO
SCALE: 1 : 100,000	DRAWN BY: C.G.	REVISED: 00-00-00		



LEGEND:

PROPOSED ACCESS ROAD

EXISTING ROAD

N

COASTAL OIL & GAS CORP.

CIGE #240-29-9-22
SECTION 29, T9S, R22E, S.L.B.&M.
1411' FNL 2007' FWL

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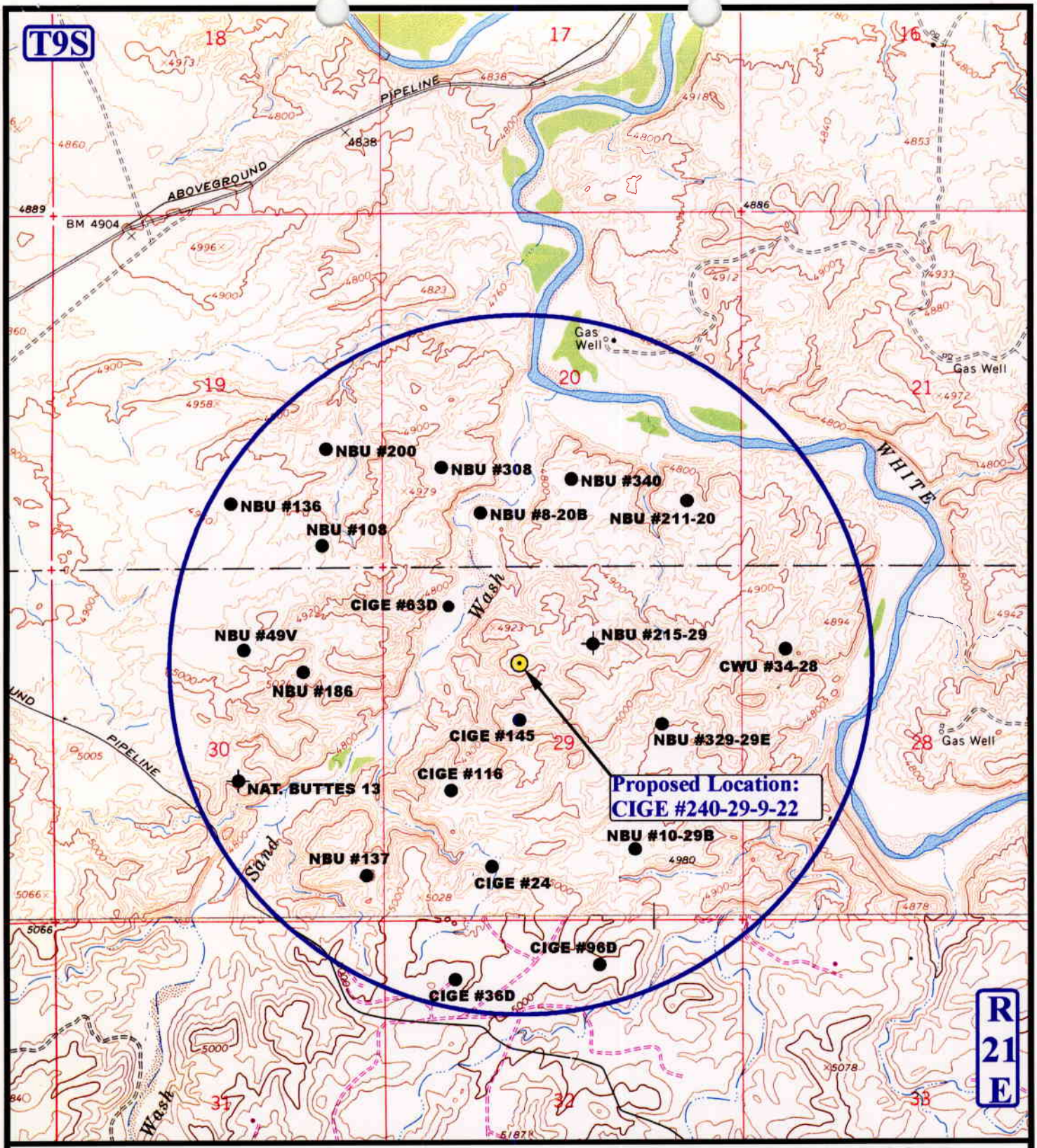
TOPOGRAPHIC MAP	7 MONTH	30 DAY	98 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: C.G.	REVISED: 00-00-00		



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

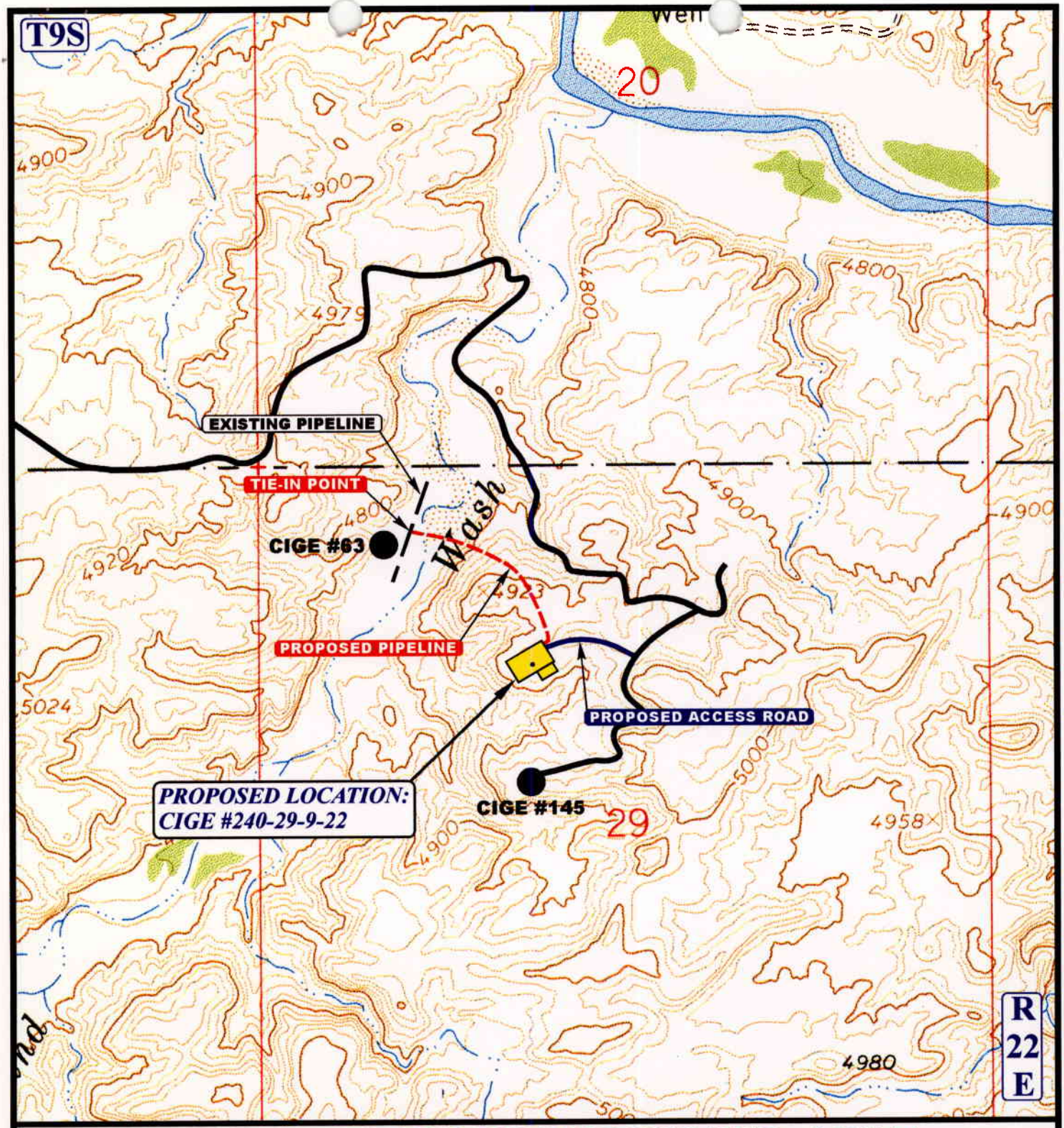
N

COASTAL OIL & GAS CORP.

CIGE #240-29-9-22
SECTION 29, T9S, R22E, S.L.B.&M.
1411' FNL 2007' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	7 MONTH	30 DAY	98 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: C.G.	REVISED: 00-00-00		



APPROXIMATE TOTAL PIPELINE DISTANCE = 1400' +/-

LEGEND:

EXISTING PIPELINE

PROPOSED PIPELINE

PROPOSED ACCESS

N

COASTAL OIL & GAS CORP.

CIGE #240-29-9-22

SECTION 29, T9S, R22E, S.L.B.&M.

1411' FNL 2007' FWL

UELS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078

(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	8 MONTH	13 DAY	98 YEAR	D TOPO
SCALE: 1" = 1000'	DRAWN BY: D.COX	REVISED: 00-00-00		

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/30/98

API NO. ASSIGNED: 43-047-33207

WELL NAME: CIGE 240-29-9-22
OPERATOR: COASTAL OIL & GAS CORP (N0230)
CONTACT: Sheila Bremer (303) 573-4455

PROPOSED LOCATION:
SENW 29 - T09S - R22E
SURFACE: 1411-FNL-2007-FWL
BOTTOM: 1411-FNL-2007-FWL
UINTAH COUNTY
NATURAL BUTTES FIELD (630)

LEASE TYPE: STA
LEASE NUMBER: ML-22935
SURFACE OWNER: State

PROPOSED FORMATION: MVRD

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering	RJK	10-16-98
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

✓ Plat
✓ Bond: Federal [] State [✓] Fee []
(No. 102103)
N Potash (Y/N)
Y Oil Shale (Y/N) *190-5(B)
✓ Water Permit
(No. Dalbo Inc. 43-8496)
N RDCC Review (Y/N)
(Date:)

N/A St/Fee Surf Agreement (Y/N)

LOCATION AND SITING:

✓ R649-2-3. Unit Natural Buttes

___ R649-2-3. General

___ R649-3-3. Exception

___ Drilling Unit
Board Cause No:
Date:

COMMENTS: * Blm P.O.D. Correction 10-9-98
* Need Presite

STIPULATIONS:

(1) In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rule R649-3-31 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing in properly cemented over the entire oil shale interval as defined by Rule R649-3-31. For the proposed well this interval is approximately 2241 ' to 2852 ' below GL. The Operator shall report the actual depth the oil shale is encountered to the Division.

(2) STATEMENT OF BASIS

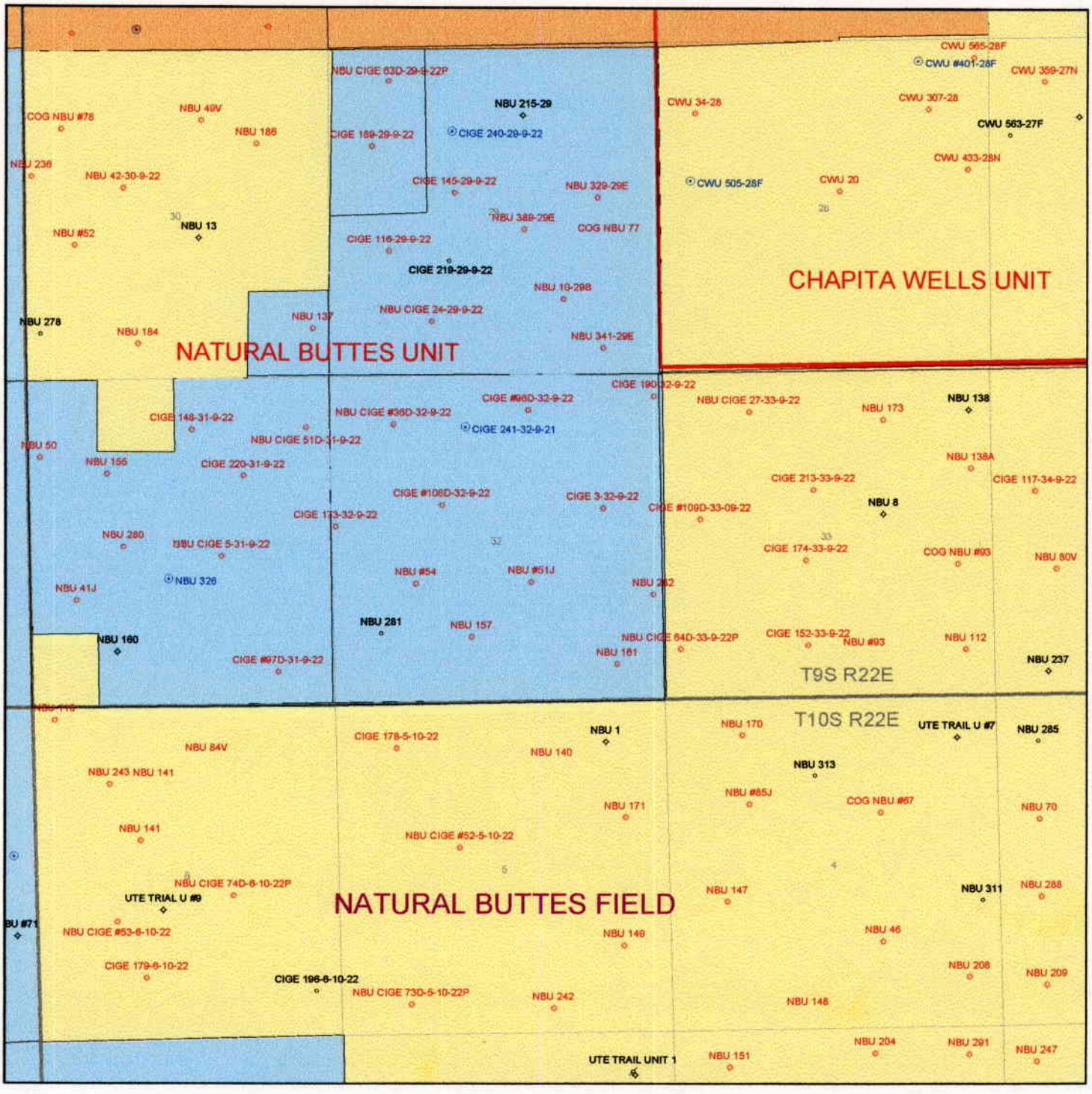
DIVISION OF OIL, GAS & MINING

OPERATOR: COASTAL OIL & GAS CORP. (N0230)

FIELD: NATURAL BUTTES (630)

SEC. 29, 31, & 32, TWP 9S, RNG 22E,

COUNTY: UINTAH UNIT: NATURAL BUTTES



DATE PREPARED:
2-OCT-1998

ON-SITE PREDRILL EVALUATION

Division of Oil, Gas and Mining

OPERATOR: COASTAL OIL & GAS CORP.
WELL NAME & NUMBER: CIGE 240-29-9-22
API NUMBER: 43-047-33207
LEASE: ML-22935 FIELD/UNIT: NATURAL BUTTES FIELD.
LOCATION: 1/4,1/4 SE/NW Sec: 29 TWP: 9S RNG: 22E 1411' FNL 2007' FWL
GPS COORD (UTM) 12630960E 4429794N
SURFACE OWNER: STATE OF UTAH

PARTICIPANTS

PAUL BRESHEARS, SHIELA BREMER (COGC), ROBERT KAY (UELS), HARLEY JACKSON (JACKSON CONST.), JOHN FAUSETT, ALAN JUSTICE (DIRT CONTRACTORS), DAVID HACKFORD (DOGM), ED BONNER (SITLA).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

SITE IS LOCATED ON A SHOULDER OF LAND JUTTING OUT FROM A ROCKY KNOLL 300' TO THE EAST. DRAINAGE IS TO THE NORTH, WEST AND SOUTH. THE BOTTOM OF SAND WASH IS 0.25 MILES TO THE WEST.

SURFACE USE PLAN

CURRENT SURFACE USE: LIVESTOCK AND WILDLIFE GRAZING.

PROPOSED SURFACE DISTURBANCE: LOCATION WILL BE 325' X 245. ACCESS ROAD WILL BE 0.1 MILES.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE ATTACHED MAP FROM GIS DATABASE.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: ALL PRODUCTION FACILITIES WILL BE ON LOCATION AND ADDED AFTER DRILLING WELL. PROPOSED PIPELINE WILL RUN 0.2 MILES TO THE NORTHWEST AND TIE IN AT THE CIGE 63.

SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL WILL BE BORROWED FROM THIS SITE DURING CONSTRUCTION AND IS NATIVE.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WASTE MANAGEMENT PLAN:

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAIN AND/OR WETLANDS: NONE

FLORA/FAUNA: NATIVE GRASSES, SHADSCALE, PRICKLY PEAR, SALTBRUSH, CHEATGRASS, SAGEBRUSH: PRONGHORN, RODENTS, COYOTES, BIRDS.

SOIL TYPE AND CHARACTERISTICS: VERY LIGHT, NEARLY WHITE SANDY CLAY WITH LIGHT GRAY BROKEN SHALE.

SURFACE FORMATION & CHARACTERISTICS: LOCAL BEDROCK IS PREDOMINANTLY UPPER EOCENE SANDSTONE, SILTSTONE AND MARLSTONE OF THE DUCHESNE RIVER AND UINTA FORMATIONS.

EROSION/SEDIMENTATION/STABILITY: MINOR EROSION, MINOR SEDIMENTATION, NO STABILITY PROBLEMS ANTICIPATED.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

RESERVE PIT

CHARACTERISTICS: 100' BY 100' AND 10' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): A 12 MIL LINER WILL BE REQUIRED.

SURFACE RESTORATION/RECLAMATION PLAN

AS PER STATE OF UTAH, TRUST LANDS.

SURFACE AGREEMENT: STATE OF UTAH, TRUST LANDS.

CULTURAL RESOURCES/ARCHAEOLOGY: SITE WAS INSPECTED BY MONTGOMERY ARCHAEOLOGY CO. A REPORT OF THIS INVESTIGATION WILL BE PLACED ON FILE.

OTHER OBSERVATIONS/COMMENTS

INVESTIGATION WAS DONE ON A WARM DAY WITH NO SNOW COVER.

ATTACHMENTS:

PHOTOS OF PROPOSED SITE WILL BE PLACED ON FILE.

DAVID W. HACKFORD	10/2/98 2:00 PM
DOGM REPRESENTATIVE	DATE/TIME

DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS

Operator Name: COASTAL OIL & GAS CORP.
Name & Number: CIGE 240-29-9-22
API Number: 43-047-33207
Location: 1/4,1/4 SE/NW Sec. 29 T. 9S R. 22E

Geology/Ground Water:

The base of the moderately saline ground water is at approximately 2900 feet in this area. This should be near the middle of the Green River Formation. Fresh water zones may be encountered in sands throughout the Uinta Formation. These zones are generally discontinuous and not subject to direct recharge. The proposed surface casing should adequately protect these zones. The production casing will be cemented to cover the oil shale zones. This should bring cement above the base of the moderately saline ground water.

Reviewer: Brad Hill

Date: 12/02/98

Surface:

The pre-site investigation of the surface was performed by field personnel on 10/2/98. SITLA and DWR were notified of the investigation on 9/28/98. Ed Bonner with SITLA attended. DWR did not have a representative present. Exception spacing requested because of rugged terrain. Sandstone outcroppings assure blasting will be required to construct reserve pit. A 12 mil liner will be required. The White River is located 0.75 miles northeast of site.

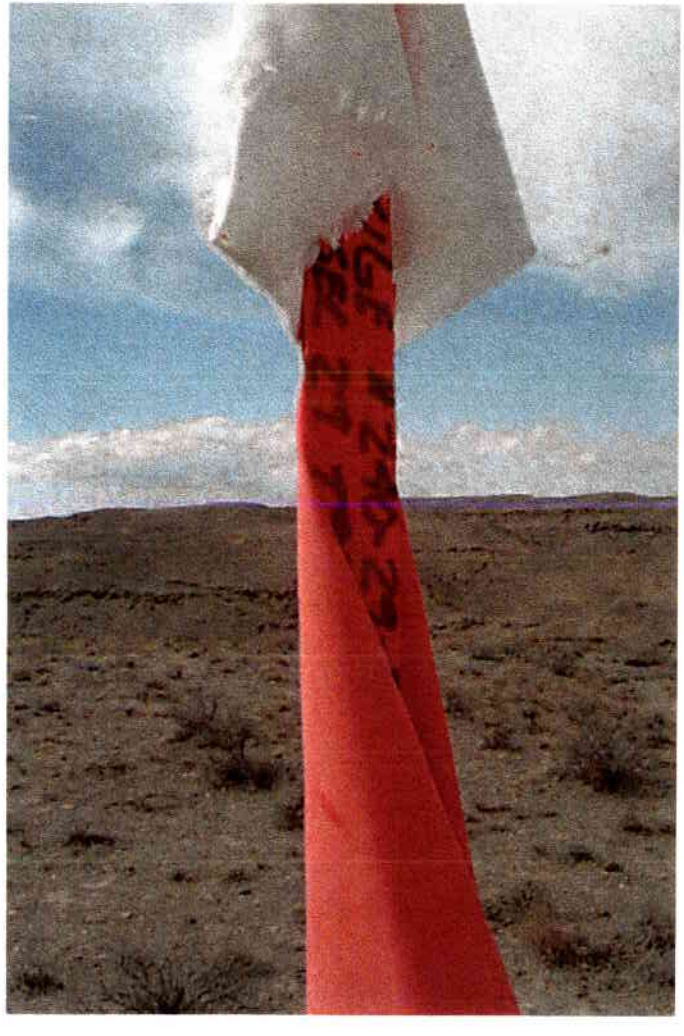
Reviewer: DAVID W. HACKFORD

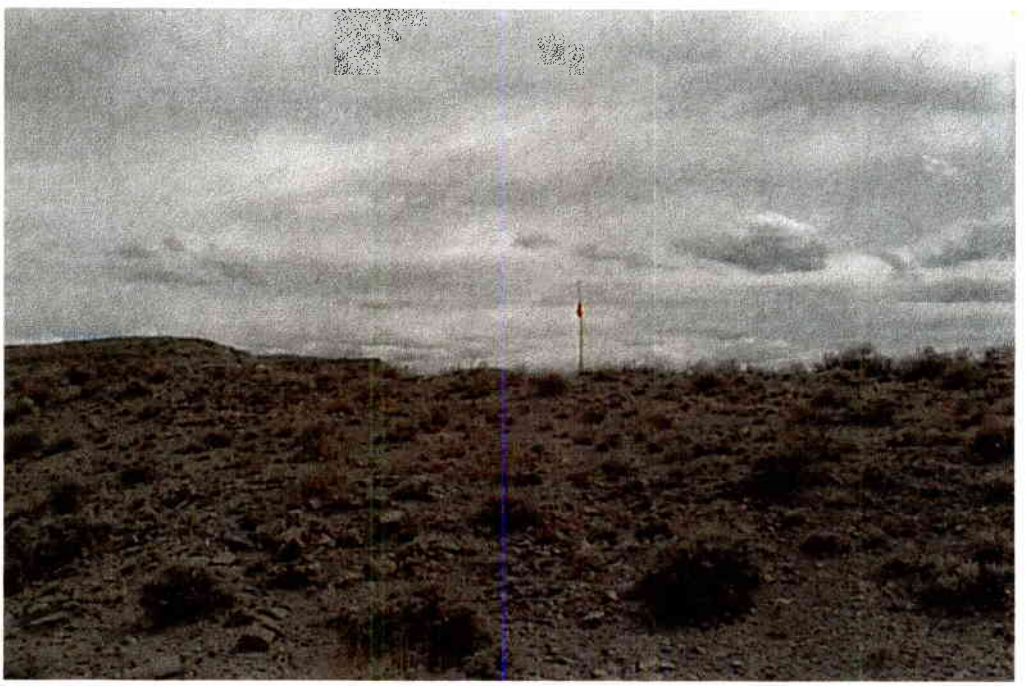
Date: 10/5/98

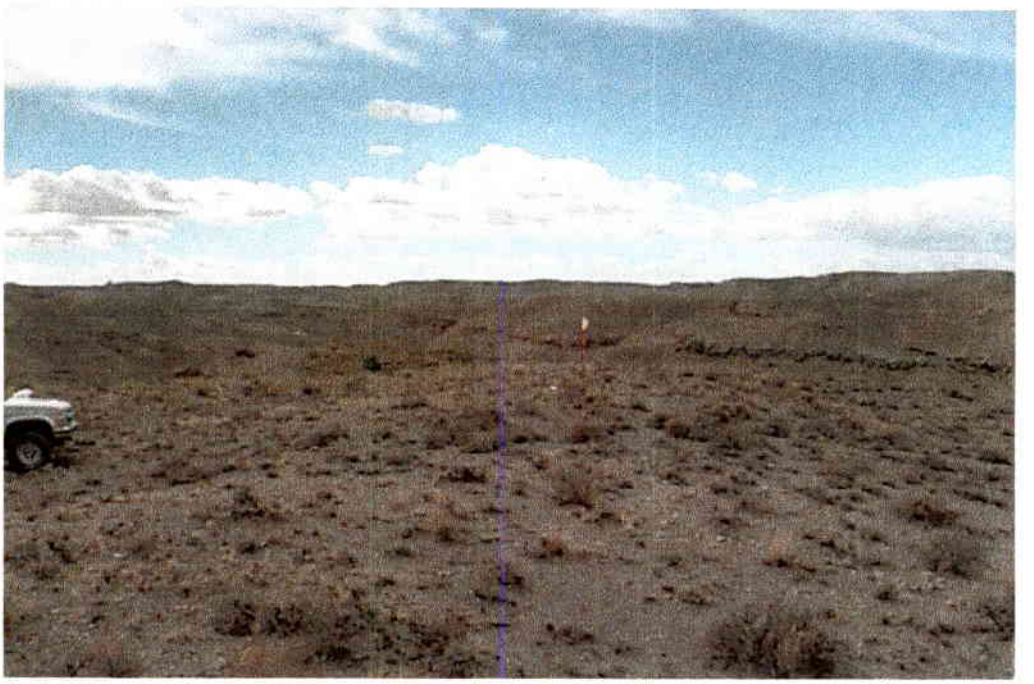
Conditions of Approval/Application for Permit to Drill:
1. Reserve pit shall be constructed east of the well bore.
2. A synthetic liner with a minimum thickness of 12 mils shall be installed in the reserve pit.

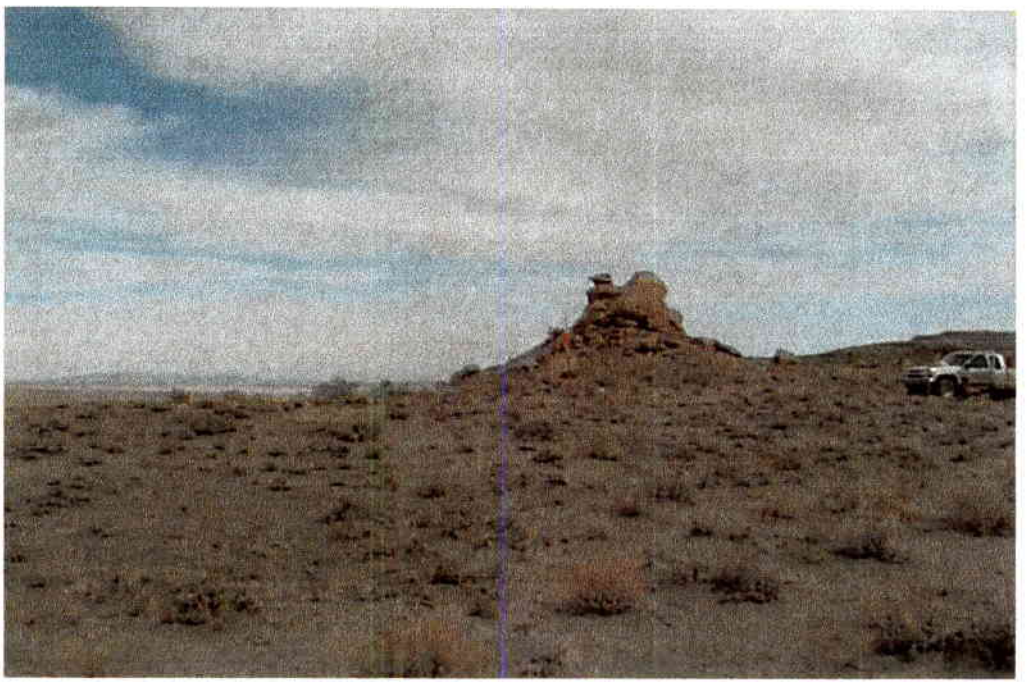
Evaluation Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements

Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	0
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	0
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	15	0
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	0
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	20
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	15	
TDS >10000 or Oil Base	20	
Mud Fluid containing high levels of hazardous constituents		5
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	0
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	0
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	0
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	0
Final Score (Level II Sensitivity)		25





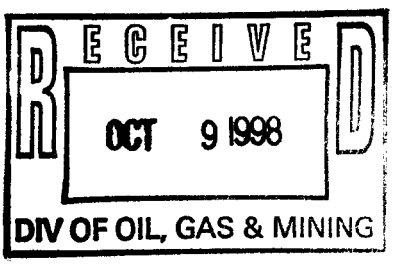




United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)



Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 1998 Plan of Development Natural Buttes Unit
Uintah County, Utah.

Pursuant to email between Lisha Cordova, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following well(s) is/are planned for calendar year 1998 within the Natural Buttes Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
43-047-33205	NBU 353	1827-FNL 1878-FWL 27 09S 21E
43-047-33207	CIGE 240-29-9-22	1411-FNL 2007-FWL 29 09S 22E

The proposed CIGE 240-29-9-22 was approved under the 1998 POD in the NENW not the SENW as shown above.

This office has no objection to permitting the well(s) at this time.

/s/ Michael L. Coulthard

bcc: File - Natural Buttes
Division of Oil Gas and Mining
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:--

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number: ML-22935

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

7. Unit Agreement Name: Natural Buttes Unit

1. Type of Well: OIL [ ] GAS [X] OTHER:

8. Well Name and Number: CIGE 240-29-9-22

2. Name of Operator: Coastal Oil & Gas Corporation

9. API Well Number: 43-047-33207

3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455

10. Field and Pool, or Wildcat: Natural Buttes Field

4. Location of Well

Footages: 1411' FNL & 2007' FWL

County: Uintah

QQ,Sec., T., R., M.: NENW, Section 29-T9S-R22E

State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
[ ] Abandon	[ ] New Construction	[ ] Abandon*	[ ] New Construction
[ ] Repair Casing	[ ] Pull or Alter Casing	[ ] Repair Casing	[ ] Pull or Alter Casing
[ ] Change of Plans	[ ] Recomplete	[ ] Change of Plans	[ ] Perforate
[ ] Convert to Injection	[ ] Perforate	[ ] Convert to Injection	[ ] Vent or Flare
[ ] Fracture Treat or Acidize	[ ] Vent or Flare	[ ] Fracture Treat or Acidize	[ ] Water Shut-Off
[ ] Multiple Completion	[ ] Water Shut-Off	[X] Other Production Csg Information	
[ ] Other		Date of work completion	
Approximate date work will start		Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.	
		* Must be accompanied by a cement verification report.	

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

The operator submits additional information reference production casing for the subject well APD as follows:

Cement program: Tail - 1070 sx; Lead - 342 sx
For production casing, actual cement volumes will be determined from the caliper log + 15% excess.

13. Name & Signature: Sheila Bremer Sheila Bremer Title Environmental & Safety Analyst Date 11/17/98

(This space for State use only)

RECEIVED
NOV 19 1998
DIV. OF OIL, GAS & MINING

(5/94) (See Instructions on Reverse Side)

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
Oil and Gas Program

Engineering Review Checklist and Action Form

Well(s) API No(s): **Operator:** Coastal Oil and Gas Corp.

1. 43-047-33201 **Date:** October 20, 1998
2. 43-047-33202
3. 43-047-33203
4. 43-047-33204
5. 43-047-33205
6. 43-047-33206
7. 43-047-33207
8. 43-047-33208
9. 43-047-33209
10. 43-047-33210

Status/Action:

A. Approved as Submitted

☐ *Forwarded for Approval*

B. Approved with Stipulations as follows:

☐ *Forwarded for Approval*

C. Incomplete or Inadequate Application – Unable to Evaluate:

1. No cement volumes given in Drilling Program; and,
2. Conflicting proposed cement tops in section(s) 4b of Drilling Plan(s).

☒ *Returned to Operator*

Comments: Contacted Operator (Sheila Bremer on 10-16-98) and Operator declined to provide needed information described in Section C above.

Robert J. Krueger, P.E.
Petroleum Engineer
(801) 538-5274

C:/APDreview/APDreviewform

Well name:	**Coastal CIGE 240-29-9-22**
Operator:	**Coastal**
String type:	**Surface**
Project ID:	**43-047-33207**
Location:	Uintah County

Design parameters:

Collapse
Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: -3,281 psi
Internal gradient: 13.558 psi/ft
Calculated BHP 108 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 219 ft

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature 78 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 250 ft

Cement top: 8 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 7,500 ft
Next mud weight: 9.000 ppg
Next setting BHP: 3,506 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 7,500 ft
Injection pressure 7,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ( )
1	250	8.625	24.00	K-55	ST&C	250	250	7.972	2096

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	108	1370	12.66	108	2950	27.27	5	263	50.10 J

Prepared by: RJK
State of Utah

Phone:
FAX:

Date: December 1,1998
Salt Lake City, Utah

ENGINEERING STIPULATIONS: 1) Oil Shale
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 250 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes.
In addition, burst strength is biaxially adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**Coastal CIGE 240-29-9-22**
Operator:	**Coastal**
String type:	Production
Location:	Uintah County
Project ID:	43-047-33207

Design parameters:

Collapse
Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 0 psi
Internal gradient: 0.433 psi/ft
Calculated BHP 3,419 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 6,916 ft

Environment:
H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature 186 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 250 ft

Cement top: 2,722 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ( )
1	7900	4.5	11.60	K-55	LT&C	7900	7900	3.875	34441

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3419	4960	1.45	3419	5350	1.56	80	180	2.24 J

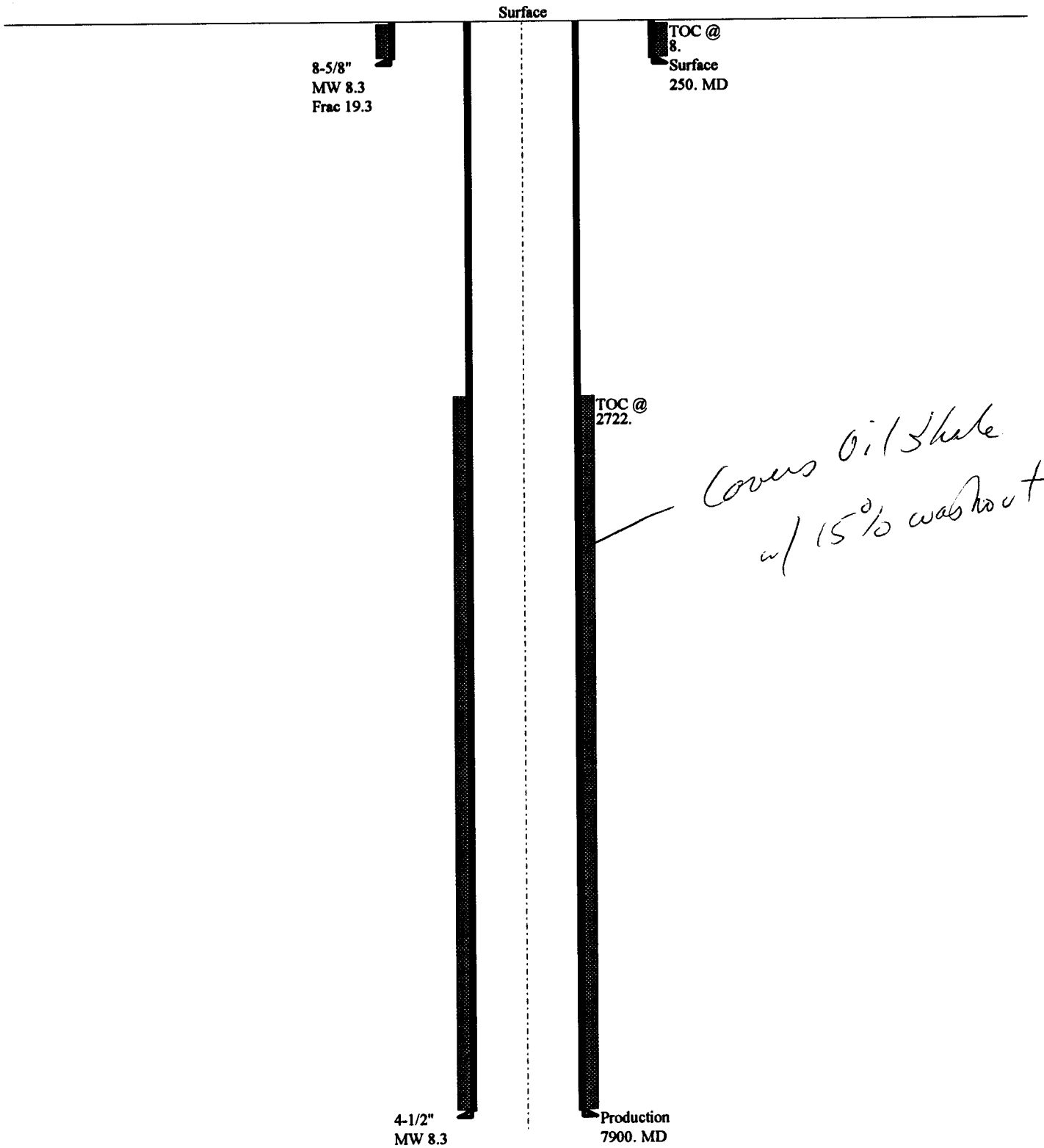
Prepared by: RJK
State of Utah
Phone:
FAX:
Date: December 1,1998
Salt Lake City, Utah

ENGINEERING STIPULATIONS: 1) Oil Shale
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 7900 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes.
In addition, burst strength is biaxially adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Coastal CIGE 240-29-9-

Casing Schematic



Michael O. Leavitt
Governor
Ted Stewart
Executive Director
Lowell P. Braxton
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

December 2, 1998

Coastal Oil & Gas Corporation
P.O. Box 749
Denver, Colorado 80201-0749

Re: CIGE 240-29-9-22 Well, 1411' FNL, 2007' FWL, SE NW, Sec. 29, T. 9 S., R. 22 E., Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-33207.

Sincerely,

John R. Baza
Associate Director

lwp
Enclosures
cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: Coastal Oil & Gas Corporation

Well Name & Number: CIGE 240-29-9-22

API Number: 43-047-33207

Lease: State **Surface Owner:** State

Location: SE NW **Sec.** 29 **T.** 9 S. **R.** 22 E.

Conditions of Approval

1. General

   Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

   Notify the Division of the following actions during drilling of this well:

   - 24 hours prior to cementing or testing casing
   - 24 hours prior to testing blowout prevention equipment
   - 24 hours prior to spudding the well
   - within 24 hours of any emergency changes made to the approved drilling program
   - prior to commencing operations to plug and abandon the well

   Division contacts (please leave a voice mail message if person is not available to take the call):

   - Dan Jarvis at (801) 538-5338
   - Robert Krueger at (801) 538-5274 (plugging)
   - Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

   All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

5. In accordance with the Order in Cause No. 190-5(b) dated October 28, 1982, the operator shall comply with the requirements of Rule R649-3-31 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. For the proposed well this interval is approximately 2,741' to 2,852' below G.L. The operator shall report the actual depth the oil shale is encountered to the Division.

6. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical, or paleontological remains be encountered during your operations you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

FORM 3

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

5. Lease Designation and Serial Number: ML-22935

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

7. Unit Agreement Name: Natural Buttes Unit

1A. Type of Work: DRILL [X] DEEPEN [ ]

B. Type of Well: OIL [ ] GAS [X] OTHER: SINGLE ZONE [X] MULTIPLE ZONE [ ]

8. Farm or Lease Name: CIGE

2. Name of Operator: Coastal Oil & Gas Corporation

9. Well Number: 240-29-9-22

3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455

10. Field and Pool, or Wildcat: Natural Buttes Field

4. Location of Well (Footages)
At surface: 1411' FNL, 2007' FWL
At proposed proding zone:

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OCT 0 1 1998

11. Qtr/Qtr, Section, Township, Range, Meridian: NENW, Section 29, T9S-R22E

14. Distance in miles and direction from nearest town or post office: See Topo Map A

12. County: Uintah

13. State: Utah

15. Distance to nearest property or lease line (feet): 1411'

16. Number of acres in lease: 200

17. Number of acres assigned to this well: N/A

18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet): See Topo Map C

19. Proposed Depth: 7900'

20. Rotary or cable tools: Rotary

21. Elevations (show whether DR, RT, GR, etc.): Ungraded GR - 4932'

22. Approximate date work will start: Upon Approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See Attached				
Drilling Program				

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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.

Coastal Oil & Gas Corporation proposes to drill a well to the proposed TD as stated above. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per State of Utah requirements.

See the attached Drilling Program and Multi-point Surface Use & Operations Plan.

Coastal Oil & Gas Corporation is considered to be the operator of the subject well. It agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided for by Coastal's Bond #102103.

24. Name & Signature: Sheila Bremer Title: Environmental & Safety Analyst Date: 9/29/98

(This space for State use only)

API Number Assigned: 43-047-33207

Approval: OCT 21 1998

DEC 16 1998

(See Instructions on Reverse Side)

Form 3160-5
(November 1994)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE – Other instructions on reverse side

5. Lease Serial No.
ML- 22935

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

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

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
Cige #240

2. Name of Operator
Coastal Oil & Gas Corporation

9. API Well No.
43-047-33207

3a. Address
P.O. Box 1148, Vernal UT 84078

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

10. Field and Pool, or Exploratory Area
Natural Buttes

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
NE/NW Sec.29, T9S, R22E
1411' FNL & 2007' FWL

11. County or Parish, State
Uintah UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Request APD Extension
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

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

Coastal Oil & Gas Corporation requests authorization for a one year extension for the approved APD, in order to futher evaluate.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 9/20/99
BY:

RECEIVED
SEP 13 1999
DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR
Date: 9-22-99
Initials: CHD

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

Title
Environmental Secretary

Katy Dow

Date 9/10/99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on reverse)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM - FORM6

OPERATOR Coastal Oil & Gas Corporation

OPERATOR ACCT. NO. N 0230

ADDRESS P.O. Box 1148
Vernal UT 84078

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	2900	43-047-33232	NBU #356	NENW	30	9S	22E	Uintah County	10/18/99	10/18/99
WELL 1 COMMENTS: Spud @ 9:00 am. on 10/18/99 w/ Bill Martin Drlg.(Air Rig). 991029 entity added; (Nat. Buttes u/ WSMVD PA) KDR											
B	99999	2900	43-047-33207	Cige #240	NENW	29	9S	22E	Uintah County	10/11/99	10/11/99
WELL 2 COMMENTS: Spud @ 5:00 pm. on 10/11/99. W/Bill Martin Drlg.(Air Rig). 991029 entity added; (Nat Buttes u/ WSMVD PA) KDR											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

RECEIVED
OCT 25 1999
DIV. OF OIL, GAS & MINING

Sheila Upchego
Signature Sheila Upchego
Environmental Secretary 10/22/99
Title Date

Phone No. (435) 781-7024

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number: ML-22935

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

7. Unit Agreement Name: Natural Buttes Unit

1. Type of Well: OIL [ ] GAS [X] OTHER:

8. Well Name and Number: Cige #240

2. Name of Operator: Coastal Oil & Gas Corporation

9. API Well Number: 43-047-33207

3. Address and Telephone Number: P.O. Box 1148, Vernal UT 84078 (435)-781-7023

10. Field and Pool, or Wildcat: Natural Buttes Field

4. Location of Well
Footages: 1411'FNL & 2007'FWL
QQ,Sec., T., R., M.: NE/NW Sec.29,T9S,R22E
County: Uintah County
State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
[ ] Abandon	[ ] New Construction	[ ] Abandon*	[ ] New Construction
[ ] Repair Casing	[ ] Pull or Alter Casing	[ ] Repair Casing	[ ] Pull or Alter Casing
[ ] Change of Plans	[ ] Recomplete	[ ] Change of Plans	[ ] Perforate
[ ] Convert to Injection	[ ] Perforate	[ ] Convert to Injection	[ ] Vent or Flare
[ ] Fracture Treat or Acidize	[ ] Vent or Flare	[ ] Fracture Treat or Acidize	[ ] Water Shut-Off
[ ] Multiple Completion	[ ] Water Shut-Off	[X] Other Spud	
[ ] Other		Date of work completion	
Approximate date work will start		Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.	
		* Must be accompanied by a cement verification report.	

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

MIRU W/ Bill Martin Drlg.(Air Rig). Drilled 290' of 12 1/4" hole. Ran 7 jts 8 5/8" csg. 24# K-55 shoe total 277.55.
Cmt pumped 20 Bbls Gel water ahead of 160 sk. P-AG w/2% CaCl2 1/4#/sk Flocele wt.15.6 yield 1.18.
Drop plug. Displaced w/14.5 Bbls water.
Good Returns +/- 10 Bbls. Cmt to surface. Hole stayed full.

Spud @ 5:00 pm. on 10/11/99 w/ Bill Martin Drlg. (Air Rig).

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DIV. OF OIL, GAS & MINING

13. Name & Signature: Sheila Upchego Title: Environmental Secretary Date: 10/22/99

(This space for State use only)

(5/94) (See Instructions on Reverse Side)

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number: ML-22935

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

7. Unit Agreement Name: Natural Buttes Field

8. Well Name and Number: CIGE #240

9. API Well Number: 43-047-33207

10. Field and Pool, or Wildcat: Natural Buttes Field

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well: OIL [ ] GAS [X] OTHER:

2. Name of Operator: Coastal Oil & Gas Corporation

3. Address and Telephone Number: P.O. Box 1148, Vernal UT 84078 (435)-781-7023

4. Location of Well
Footages: 1411'FNL & 2007'FWL
QQ,Sec., T., R., M.: NENW Sec.29,T9S,R22E
County: Uintah County
State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
[ ] Abandon	[ ] New Construction	[ ] Abandon*	[ ] New Construction
[ ] Repair Casing	[ ] Pull or Alter Casing	[ ] Repair Casing	[ ] Pull or Alter Casing
[ ] Change of Plans	[ ] Recomplete	[ ] Change of Plans	[ ] Perforate
[ ] Convert to Injection	[ ] Perforate	[ ] Convert to Injection	[ ] Vent or Flare
[ ] Fracture Treat or Acidize	[ ] Vent or Flare	[ ] Fracture Treat or Acidize	[ ] Water Shut-Off
[ ] Multiple Completion	[ ] Water Shut-Off	[X] Other Fuild Leak	
[ ] Other		Date of work completion	
Approximate date work will start		Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.	
		* Must be accompanied by a cement verification report.	

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

10-13/99-11/4/99; Monitor fluid leak in hillside, Trip w/ DC to lower fuild level.
Monitor reverse pit & leak. Trip w/ BP, test csg, 1500 psi held LD plug.
Pump 200 sx cmt 14.9 w/12% Calseal flush w/8.5 BW @ 600'.
Trip in 1172'. Pump 100 sx cmt 14.9 w/2% Calseal, 26 Bbl flush, 2.5 Bbls. Trip in & tag cmt @ 700', pull out 254'. Squeeze 100sx of 14.9# cmt w/80 psi. Trip in & tag cmt @ 254'. Drlg cmt f/254'-509'. Trip in 700' drlg f/ 700'-1012'. Trip in @ 1297',wash 30' to btm.
Cmt w/175 sx 14.9# 12% Calseal set @ 1010'. Trip in Tag cmt 1044'. RU & cmt w/175sx 14.9# 12% Calseal @ 632'. Full Returns. Trip out. Hole Stayed full. Top of cmt @ 286'. No fluids loss in reserve pit or mud tanks.

13. Name & Signature: Sheila Upchego Title: Sheila Upchego Environmental Secretary Date: 11/5/99

(This space for State use only)

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NOV 16
DIV. OF OIL, GAS & MINING

(5/94) (See Instructions on Reverse Side)

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number: ML-22935
6. Indian, Allottee or Tribe Name: N/A
7. Unit Agreement Name: Natural Buttes Field
8. Well Name and Number: CIGE #240
9. API Well Number: 43-047-33207
10. Field and Pool, or Wildcat: Natural Buttes Field

SUNDRY NOTICES AND REPORTS ON WELLS

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

CONFIDENTIAL

1. Type of Well: OIL [ ] GAS [X] OTHER:

2. Name of Operator: Coastal Oil & Gas Corporation

3. Address and Telephone Number: P.O. Box 1148, Vernal UT 84078 (435)-781-7023

4. Location of Well
Footages: 1411'FNL & 2007'FWL
QQ,Sec., T., R., M.: NENW Sec.29,T9S,R22E
County: Uintah County
State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
[ ] Abandon	[ ] New Construction	[ ] Abandon*	[ ] New Construction
[ ] Repair Casing	[ ] Pull or Alter Casing	[ ] Repair Casing	[ ] Pull or Alter Casing
[ ] Change of Plans	[ ] Recomplete	[ ] Change of Plans	[ ] Perforate
[ ] Convert to Injection	[ ] Perforate	[ ] Convert to Injection	[ ] Vent or Flare
[ ] Fracture Treat or Acidize	[ ] Vent or Flare	[ ] Fracture Treat or Acidize	[ ] Water Shut-Off
[ ] Multiple Completion	[ ] Water Shut-Off	[ ] Other	
[X] Other Confidential Status		Date of work completion	
Approximate date work will start		Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.	
		* Must be accompanied by a cement verification report.	

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

Coastal Oil & Gas Corporation requests that the subject well be placed on Confidential Status.

13. Name & Signature: Katy Dow Title: Environmental Jr. Analyst Date: 12/15/99

(This space for State use only)

(5/94) (See Instructions on Reverse Side)

Coastal
The Energy People

FACSIMILE COVER PAGE

THIS TRANSMISSION CONSISTS OF _____ PAGES INCLUDING COVER SHEET

TO: Lisha Cordova @ FAX # (801) 359-3940

FROM: Cheryl Cameron @ FAX # 435-789-4436

If you have any problem receiving the above specified pages, please notify Coastal Oil & Gas Corp office @ 435-789-4433.

Confidentiality Notice:

This message is intended only for the use of the individual or entity designated above, is confidential and may contain information that is legally privileged or exempt from disclosure under applicable laws. You are hereby notified that any dissemination, distribution, copying or use of or reliance upon the information contained in and transmitted with this facsimile transmission by anyone other than the recipient designated by the sender is **not authorized and strictly prohibited.** If you have received this communication in error, please immediately notify the sender by telephone and return it to the sender by U.S. Mail, or destroy it if so instructed by the sender.

Thank you

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

CONFIDENTIAL

5. Lease Serial No.
ML - 22935

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

7. If Unit or CA/Agreement, Name and/or
Natural Buttes Unit

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
Cige #240

2. Name of Operator
Coastal Oil & Gas Corporation

9. API Well No.
43-047-33207

3a. Address
P.O. Box 1148, Vernal UT 84078

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

10. Field and Pool, or Exploratory Area
Natural Buttes

4. Location of Well (*Footage, Sec., T., R., M., or Survey Description*)
NE/NW Sec.29, T9S, R22E
1411' FNL & 2007' FWL

11. County or Parish, State
Uintah UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other TD Castlegate
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereo If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone 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 day 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 one testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator ha determined that the final site is ready for final inspection.)

Coastal Oil & Gas Corporation has verbal approval per ~~Jan~~ Dan Jarvis w/DOGM on 11/15/99 to drill to the Castlegate formation, TD @ 10,500. (fr. 7900)

Please refer to the enclosed attachments for the revised casing, cementing & drilling fluids program.

Approved by the Utah Division of Oil, Gas and Mining

Date: 1/27/00

By:

COPY SENT TO OPERATOR
Date: 1-28-2000
Initials: CHD

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

Title Environmental Secretary

Signature: Katy Dow

Date 12/15/99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS BURST	COLLAPSE	TENSION
PRODUCTION	4-1/2"	0-TD	11.6#	P-110	LTC	SPECIFIED BY PROD DEPT		
TUBING								

CONFIDENTIAL

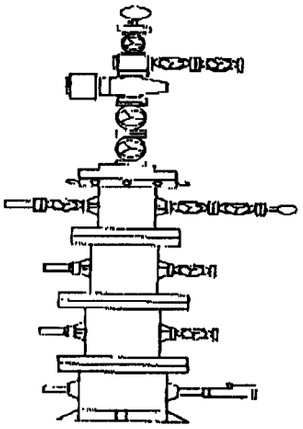
CEMENT PROGRAM

	FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
PRODUCTION	4,000'-10,500' (6,500')	50/50 Poz +0.25 lb/sk Flocele + 0.6% HALAD-322 + 2% Gel + 2% MicroBond HT + 5% Salt	630	25%	14.35	1.24

FLOAT EQUIPMENT & CENTRALIZERS

PRODUCTION	Float shoe, 2 jts, float collar. Centralize first 3 joints & every other joint across pay zones. Thread lock FE & casing up to & including pin end of first joint above FC.

WELLHEAD EQUIPMENT



TREE	2-1/16" 10M
TUBING HEAD	11" 5M X 7-1/16" 10M
CASING SPOOL	
CASING SPOOL	11" 3M x 11" 5M
CASING HEAD	8-5/8" SOW X 11" 3M

COASTAL OIL & GAS CORPORATION
DRILLING PROGRAM

BIT PROGRAM

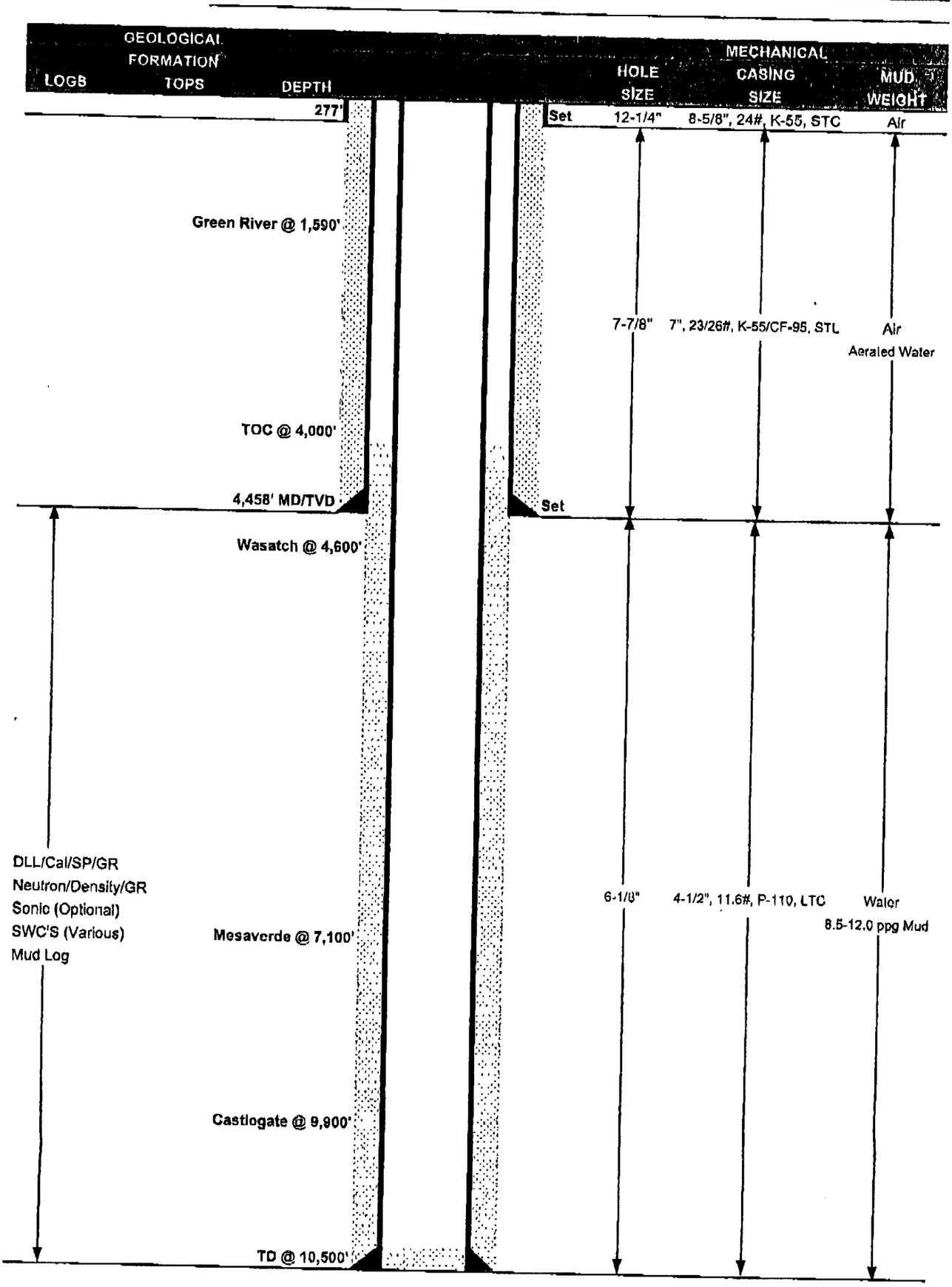
ROCK BIT & PDC BIT PROGRAM

COASTAL OIL & GAS CORPORATION

DRILLING PROGRAM

CONFIDENTIAL

COMPANY NAME	Coastal Oil & Gas Corporation	DATE	11/22/99
WELL NAME	CIGE #240	TD	10,500
FIELD	Ouray	COUNTY Uintah STATE Utah	ELEVATION 4,944' KB
SURFACE LOCATION	1,411' FNL & 2,007' FWL Sec 29 T9S-R22E		BHL Straight Hole
OBJECTIVE ZONE(S)	Lower Green River, Wasatch, Mesaverde, Castlegate		
ADDITIONAL INFO			



COASTAL OIL & GAS CORPORATION
DRILLING PROGRAM

INTERVAL	E	BIT MFG & MODEL	GPM	SER	NZLS	COMMENTS
Mesaverde/Castlegate	6-1/8"	Various	450-350			

CONFIDENTIAL

GEOLOGICAL DATA

LOGGING:

Depth	Log Type
SC - TD	DLL/Cal/SP/GR
SC - TD	Neutron/Density/GR
Optional	Sonic
Various	SWC's

MUD LOGGER: 2,500' - TD
SAMPLES: As per Geology
CORING: SWC's at selective intervals.
DST: As per Geology

MUD PROGRAM

DEPTH	TYPE	MUD WT	WATER LOSS	VISCOSITY	TREATMENT
0-2,500'	Air/Mist/ Aerated Water	NA	NA		KCL
2,500'-TD	Water/Mud	8.5-12.0	NC - <10	30-45	KCL, Gel, LCM, Polymer

ADDITIONAL INFORMATION

Test casing head to 1,000 psi after installing. Test surface casing to 1,500 psi prior to drilling out.
BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.
Run Totco survey every 500' from surface casing shoe to TD. Maximum allowable hole angle is 5 degrees.

PROJECT ENGINEER: Blaine Yeary **DATE:**

PROJECT MANAGER: Tom Young **DATE:**

Coastal

FACSIMILE COVER PAGE

THIS TRANSMISSION CONSISTS OF _____ PAGES INCLUDING COVER SHEET

TO: Lisha Cordova @ FAX # 801-359-3940

FROM: Sheila Upchego @ FAX # 435-789-4436

If you have any problem receiving the above specified pages, please notify Coastal Oil & Gas Corp office @ 435-789-4433.

Confidentiality Notice:

This message is intended only for the use of the individual or entity designated above, is confidential and may contain information that is legally privileged or exempt from disclosure under applicable laws. You are hereby notified that any dissemination, distribution, copying or use of or reliance upon the information contained in and transmitted with this facsimile transmission by anyone other than the recipient designated by the sender is not authorized and strictly prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return it to the sender by U.S. Mail, or destroy it if so instructed by the sender.

Thank you

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

5. Lease Designation and Serial Number: ML-22935

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

7. Unit Agreement Name: Natural Buttes Field

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well: OIL [ ] GAS [X] OTHER:

8. Well Name and Number: CIGE #240

2. Name of Operator: Coastal Oil & Gas Corporation

9. API Well Number: 43-047-33207

3. Address and Telephone Number: P.O. Box 1148, Vernal UT 84078 (435)-781-7023

10. Field and Pool, or Wildcat: Natural Buttes Field

4. Location of Well

Footages: 1411'FNL & 2007'FWL County: Uintah County

QQ,Sec., T., R., M.: NENW Sec.29,T9S,R22E State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
[ ] Abandon	[ ] New Construction	[ ] Abandon*	[ ] New Construction
[ ] Repair Casing	[ ] Pull or Alter Casing	[ ] Repair Casing	[ ] Pull or Alter Casing
[ ] Change of Plans	[ ] Recomplete	[ ] Change of Plans	[ ] Perforate
[ ] Convert to Injection	[ ] Perforate	[ ] Convert to Injection	[ ] Vent or Flare
[ ] Fracture Treat or Acidize	[ ] Vent or Flare	[ ] Fracture Treat or Acidize	[ ] Water Shut-Off
[ ] Multiple Completion	[ ] Water Shut-Off	[ ] Other	
[X] Other Confidential Status		Date of work completion	
Approximate date work will start		Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.	
		* Must be accompanied by a cement verification report.	

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

Coastal Oil & Gas Corporation requests that the subject well be placed on Confidential Status.

13. Name & Signature: Katy Dow Title: Environmental Jr. Analyst Date: 12/15/99

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DIVISION OF OIL, GAS & MINING

(5/94) (See Instructions on Reverse Side)

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number: ML-22935

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

7. Unit Agreement Name: Natural Buttes Unit

8. Well Name and Number: CIGE #240

9. API Well Number: 43-047-33207

10. Field and Pool, or Wildcat: Natural Buttes

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well: OIL [ ] GAS [X] OTHER:

2. Name of Operator: Coastal Oil & Gas Corporation

3. Address and Telephone Number: P.O. Box 1148, Vernal UT 84078 (435) 781-7023

4. Location of Well
Footages: 1411' FNL & 2007' FWL
QQ,Sec., T., R., M.: NE/NW Sec. 29, T9S, R22E
County: Uintah
State: UT

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[ ] Convert to Injection	[ ] Perforate	[ ] Convert to Injection	[ ] Vent or Flare
[ ] Fracture Treat or Acidize	[ ] Vent or Flare	[ ] Fracture Treat or Acidize	[ ] Water Shut-Off
[ ] Multiple Completion	[ ] Water Shut-Off	[ ] Other	
[X] Other Low Pressure Pipeline		Date of work completion	
Approximate date work will start: Upon Approval		Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.	
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Coastal Oil & Gas Corporation requests authorization to install a 4" steel Low Pressure surface line (approximately 1400' long) alongside the already approved existing line (applied for in the APD).

Please refer to the attached Topographic Map D.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED
JAN 18 2000
DIVISION OF OIL, GAS AND MINING

13. Name & Signature: Cheryl Cameron Title: Environmental Analyst Date: 1/11/00

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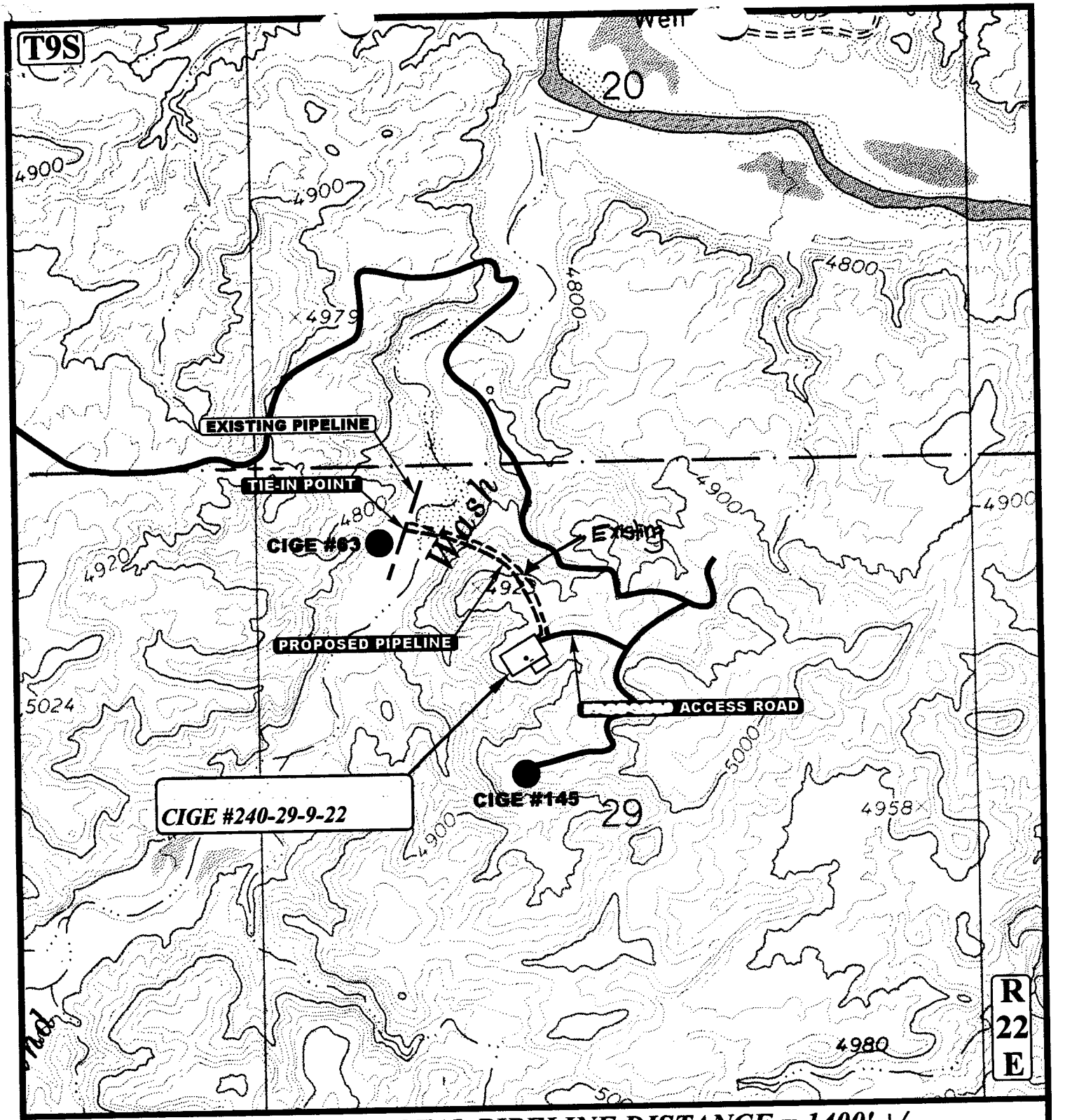
(5/94) (See Instructions on Reverse Side)



APPROXIMATE TOTAL PIPELINE DISTANCE = 1400' +/-

LEGEND:

EXISTING PIPELINE

PROPOSED PIPELINE

PROPOSED ACCESS

N

COASTAL OIL & GAS CORP.

CIGE #240-29-9-22

SECTION 29, T9S, R22E, S.L.B.&M.

1411' FNL 2007' FWL

UELS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078

(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	8 MONTH	13 DAY	98 YEAR	D TOPO
SCALE: 1" = 1000'	DRAWN BY: D.COX	REVISED: 00-00-00		

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

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

7. Unit Agreement Name: Natural Buttes Unit

8. Well Name and Number: CIGE #240

9. API Well Number: 43-047-33207

10. Field and Pool, or Wildcat: Natural Buttes

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3. Address and Telephone Number: P.O. Box 1148, Vernal UT 84078 (435) 781-7023

4. Location of Well
Footages: 1411' FNL & 2007' FWL
QQ,Sec., T., R., M.: NE/NW Sec. 29, T9S, R22E
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Please refer to the attached Topographic Map D.

RECEIVED
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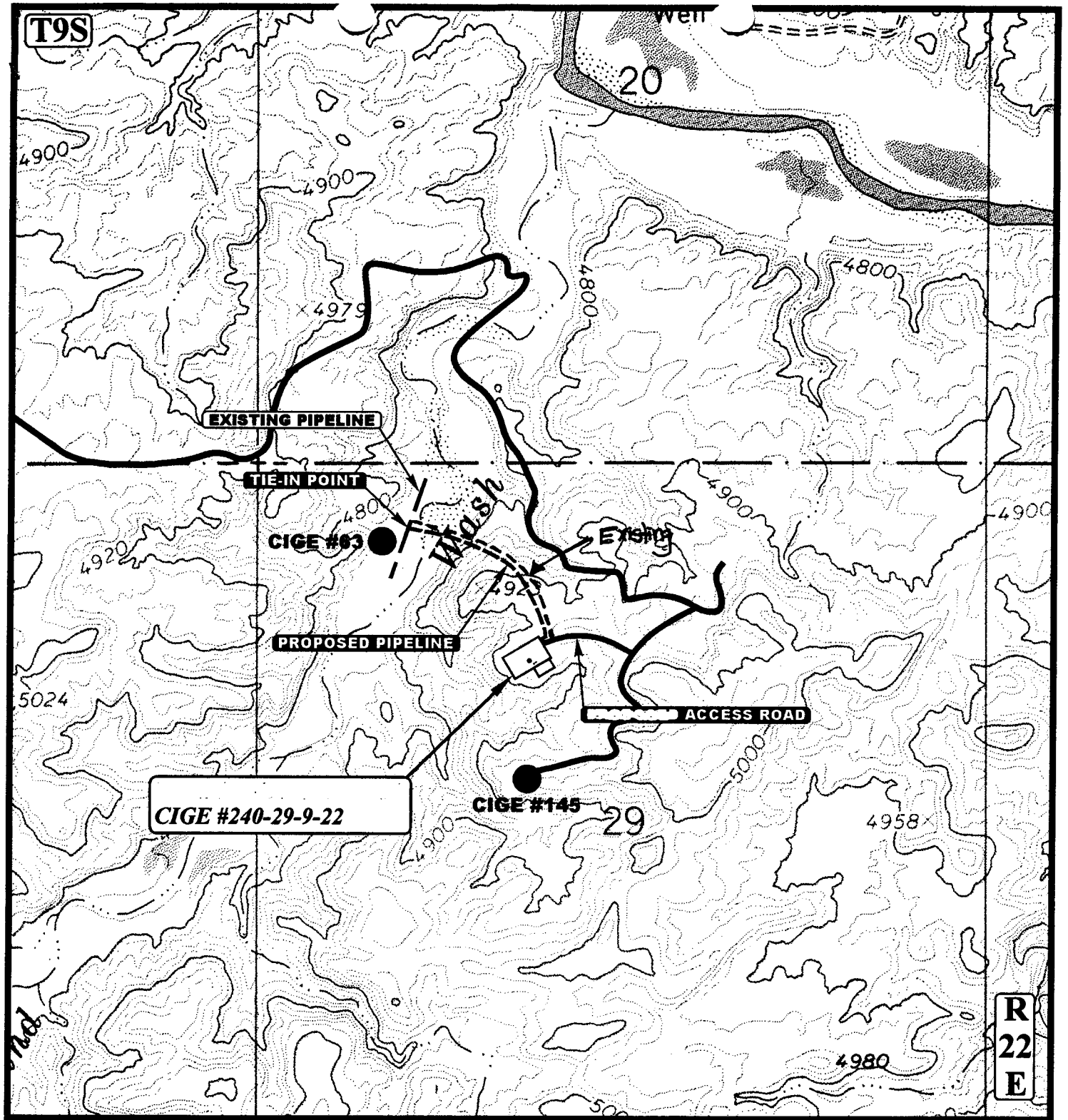
DIVISION OF
OIL, GAS AND MINING

13. Name & Signature: Cheryl Cameron Title: Environmental Analyst Date: 1/11/00

(This space for State use only)

(5/94) (See Instructions on Reverse Side)



APPROXIMATE TOTAL PIPELINE DISTANCE = 1400' +/-

LEGEND:

EXISTING PIPELINE

PROPOSED PIPELINE

PROPOSED ACCESS

N

COASTAL OIL & GAS CORP.

CIGE #240-29-9-22

SECTION 29, T9S, R22E, S.L.B.&M.

1411' FNL 2007' FWL

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078

(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	8 MONTH	13 DAY	98 YEAR	D TOPO
SCALE: 1" = 1000'	DRAWN BY: D.COX	REVISED: 00-00-00		

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SUNDRY NOTICES AND REPORTS ON WELLS

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QQ,Sec., T., R., M.: NE/NW Sec.29,T9S,R22E
County: Uintah County
State: Utah

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[ ] Multiple Completion	[ ] Water Shut-Off	[X] Other Drilling Summary	
[ ] Other		Date of work completion	
Approximate date work will start		Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.	
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Drilled to 10,467. Ran 4 1/2" of P-110 Csg. Cmt w/900 sks, 1/4#/sk Floced 6% Halad 322, 2% Gel, 1% Micro Bond, 1% HR-5, 3% salt, 2% versaist, 1/25 yield, 14/35 lb. Displace w/161 Bbls 2% KCL w/lost returns. Clean mud tanks. Released rig @ 11:00a.a.m. on 12/13/99.

RECEIVED
JAN 18 2000
DIVISION OF
OIL, GAS AND MINING

13. Name & Signature: Katy Dow Title: Environmental Jr. Analyst Date: 1/7/00

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(5/94) (See Instructions on Reverse Side)

CONFIDENTIAL

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

CIGE #240-29-9-22
SENW SECTION 29, T9S-R22E
NATURAL BUTTES UNIT
UINTAH COUNTY, UTAH
WI: 100% AFE: 18984
PERF: 10,123' - 9,644'
PBTD: 10,446'
CSG: 4 1/2" 11.6#

SDUP DATE: 10/11/99 @ 5:00PM
10/27/99 TO 12/12 /99 - DRILLING

DRILL & COMPLETE

12/16/99 **TST FRAC VALVE & NU TREE.** MIRU EQUIP, NU FRAC VALVE & BOP, ORDER OUT RIG PLATFORM TO RIG UPON, HOOK UP MANIFOLD LINES, TST BOP TO 500# & 10,000#, DIDN'T HAVE RIGHT ADAPTER TO TST FRAC VALVE, SWI. SDFN.
(DAY 1) TC: $1,170,176

12/17/99 **PREP TO RUN CBL & PERF.** PU & RIH W/ 3 7/8" TBG. TAG PBTD @ 10,446'. PU TO 10,100'. (DAY 2) TC: $1,181,416

12/18/99 **POOH W/ AMERADA BOMPS.** R. I. H. W/23/8 TBG TO 10430'. RU HES & PICKLE TBG W/3 BBL 15% HCL. REVERSE OUT W/ 155 BBL 3% KCL. RD HES & P.O.O.H. W/23/8 TBG & LD MILL RU O.W.P & R.I.H. W/CBL-CCL-GR. LOG F/10403' TO 4000'. TOC @ 4540' BHT 215 DEG. P.O.O.H. & PU 33/8 GUN. RU HES & PRESS TEST CSG TO 9500 PSI 5 MIN. TEST LUB 9500 PSI 5 MIN. HOOK UP 7"-41/2" CSG ANNULUS. PRESS UP 300 PSI W/.7 BBL & RD HES. R.I.H. W/33/8 GUN 23.7 GRAM 0.45 EHD 60 DEG PHASING. PERF @ 10112'-23' 6 SPF, 10094'-10104' SPF, & 10064'-68' 6 SPF. PRESS-0 PSI FL-SURFACE. P.O.O.H. & W.O. BOMPS. R.I.H. W/AMERADA BOMPS & HANG OFF @ 10042' @ 9.30 PM. SWIFN.
(DAY 3) TC: $1,194,337

12/19/99 **FLOW WELL AFTER FRAC PERF (1064'-10123').** P.O.O.H. W/AMERADA BOMPS @ 10042' W/4353 PSI -4325 PSI GRADIENT-0 @ 9542' 4099 PSI .508 @ 9042' 3900 PSI .398 @ 8542' 3683 PSI .434 @ 7542' 3225 PSI .430 @ 7042' 2811 PSI .453 BOMP ON BTM F/81/2 HRS. MI & RU HES F/FRAC HELD SAFTEY MEETING PRESS TEST LINE 10021 PSI STARTED DATA FRAC PERF (10064'-10123') BRK W/3680 PSI @ 5.4 BPM PUMP 2027 GAL 35# GEL ISIP-3566 PSI FG.79 SHUT IN F/G FUNCTION 15 MIN 3108 PSI 1 HRS 2842 PSI 2 HRS 2789 PSI SHUT WELL IN & REMOVE G FUNCTION. STARTED FET PUMP 13729 GAL W/35# GEL ISIP-3863 PSI 35 MIN 3369 PSI FRAC LOWER CASTLEGATE PERF (10064'-10123') PUMP 295000# 20/40 ACFRAC BLACK W/35# PURGEL III ISIP-4464 PSI 15 MIN 4300 PSI MP-5228 PSI MR-36.3 BPM AP-4563 PSI AR-35.1 BPM FG.88 TOTAL LOAD=2970 BBL. TR SD 1-4 PPG W/56 MCI ANTIMONY 4-6 PPG W/58 MCI IRIDIUM. RD STINGER & HES & MOVE OUT EQUIP. FLOW WELL ON 12/64 CH FCP-4000 PSI FLOW WELL ON 12/64 CH FCP-3750 PSI REC-92 BBL FLOW WELL ON 12/64 CH FCP-3585 PSI REC-89 BBL. LEAVE WELL FLOW W/FLOW TESTER. (DAY 4) TC: $1,368,643

12/20/99 **PREP TO CONNECT TO SALES.** FLW BCK 24 HRS. 3 HRS ON 22/64" CK & 21 HRS ON 28/64" CK. ACP 1277 AVG BWPH: 15. TURNED TO SEPARATOR @ 12:00 PM. AVG PROD RATE: 3351 MCFPD. LLTR: 1285 BBLS @ 6:00 AM 12/20/99 PROD DATA: 28/64" CK, FCP: 875#, 5 BWPH, 2919 MCFPD.

12/21/99 **WELL ON PROD.** RIG CREWS OFF F/ FLOWING WELL & PUT ON PROD.
(DAY 5) TC: $1,395,332

12/22/99 **RIH SET PKR OPEN TEST TOOL.** FLOW TEST. CALL OUT CREW & OWP TO PERF. MIRU OWP PU & RIH W/ 4.5 COMPOSITE BRIDGE PLUG SET @ 10030' PU & RIH PERF/ 9728' - 9667' W/ 3 3/8" POWER PAK GUNS 22.7 GRAM CHARGE 6 SPF IFL 8500' FFL 8500', 50# PSI ON WELL RIG DOWN OWP MIRU SCHLUMBERGER PU & RIH W/ DST TOOLS. SDFN EOT 7520'. GIT FLUID @ 5400' W/ PKR.
(DAY 6) TC: $1,419,208

12/23/99 **FLOW WELL AFTER PERF (9667-9728)** 7.00 AM SICP-1800 PSI SITP-0 PSI BLOW WELL DN. F/R.I.H. W/23/8 TBG & DST # 1. SET PKR @ 9625' EOT @ 9629' RU HES BREAKDOWNPERF F/9667'-9728' BRK W/3200 PSI @ 1.5 BPM & 6400 PSI @ 3.7 BPM ISIP-2500 PSI 5 MIN 2250 PSI 15 MIN 2048 PSI TOTAL LOAD=40 BBL RD HES. 10.00 AM FLOW WELL ON 24/64 CH W/1850 PSI. 11.00 AM FLOW WELL ON 22/64 CH FTP-120 PSI

GAS TO SURFACE REC-17.5 BBL. 12.00 PM FLOW WELL ON22/64 CH FTP-115 PSI REC-18 BBL. 1.00 PM FLOW WELL ON 22/64 CH FTP-120 PSI REC-19 BBL. 2.00 PM FLOW WELL ON 22/64 CH FTP-120 PSI REC-21.5 BBL. 3.00 PM FLOW WELL ON 22/64 CH FTP-110 PSI REC-11 BBL. 4.00 PMFLOW WELL ON 22/64 CH FTP-100 PSI REC-9.5 BBL. 5.00 PM FLOW WELL ON 22/64 CH FTP-98 PSI REC-9.5 BBL. SDFD W/RIG CREW & LEAVE WELL FLOWING. (DAY 7) TC: $1,425,829
FLWD 21 HRS, AVG CP: 62.62#, 22/64" CK, AVG BWPH: 10.9, REC 488 BBLS OVERLOAD.TC: $1,449,267

12/24/99 **S.I., FOR PBU.**
WELL WAS SI @ 10:00 AM TO PERFORM DST BU TST. PLAN TO RLS TOOLS & POOH SUNDAY MORNING.
(DAY 8) TC: $

12/25/99 **WELL SHUT IN DST #1.** FLOW WELL F/ PERF (9667' - 9728') ON 22/64 CH FTP 65#, REC 48 BBL AVE 12 /HR. TOTAL LOAD = 576 = 40 BBL = 536 BBL. SHUT DST #1 TOOLS IN UNTIL SUNDAY MORNING. 50 TO 100 MCF. CHLORIDES 10,000 P.H. 7.0.
(DAY 9) TC: $1,453,726

12/26/99 **S.I. PERFORM DST.**

12/27/99 **LOG W/ SCHLUMBERGER.** RLS SCHLUMBERGER DST PKR @ 9624'. POOH & LD DST TOOL'S. (WELL IS FLOWING UP THE CSG). RIH W/ N-C, 1 JT 2 3/8" TBG, +45SN, & 300 JT'S 2 3/8" TBG. WELL FLOWING UP CSG TO FBT, 22/64 CH, 65# TURN OVER TO DELSCO FBC, SDFD, EOT @ 9596'. (DAY 10) TC: $1,465,059

12/28/99 **POOH W/ 2 3/8" TBG.** MIRU SCHLUMBERGER WLS RIH & LOG THE UPPER CASTELGATE PERF'S @9667-9728 W/ PROD LOG & TEMP LOG. (TAGGED FILL @ 10,000')RIH & LOG THE UPPER CASTLEGATE PERF'S @ 9667 - 9728' W/ UP FLOW WATER FLOW LOG. RIH & LOG THE UPPER CASTLEGATE PERF'S @ 9667 -9728' W/ DN FLOW WATER FLOW LOG RDMO SCHLUMBERGER WLS SWI, SDFD.
(DAY 11) TC: $1,469,039

12/29/99 **RIH W/ TBG & CO TO PBTD.** SICP 1600 PSI, SITP - 1600 PSI BLOW WELL DN. POOH W/ 2 3/8" TBG. PU 3 7/8 BIT B.S. 1 JTS XN NIPPLE & RIH W/ 2 3/8" TBG. NU STRIPPING HEAD & RU SWIVEL. B/CIRC W/ H20 @ 9960'. CO SD F/ 9960' TO 10030'. DRILL BP @ 10030' W/ 2000 PSI INCREASE. CIRC HOLE. EOT @ 10043'. SDFD W/ RIG CREW LEAVE WELL FLOWING ON 32/64 CH FCP- 1800 PSI. FLOW WELL ON 32/64 CH FCP - 1450 PSI REC 28.5 BBL. (DAY 12) TC: $1,475,230

12/30/99 **P.O.O.H. W 2 3/8" TBG & SNUB OUT.** FLOW WELL ON 4 8/64" CH FCP-250 PSI REC-28 BBL. PUMP 20 BBL DN TBG. TBG PLUG OFF & REVERSE CIRC. KILL TBG W/ 40 BBL. R.I.H. W/ 2 3/8" TBG. TAG SD @ 10119'. RU SWIVEL & B/CIRC W/H20. CO SD F/10119' TO 10300'. CIRC HOLE CLEAN. RD SWIVEL & LD 10 JTS TBG. P.O.O.H. W/ TBG TO 6690'. RU DELSCO & R.I.H. W/PUMP THROUGH PLUG & SET IN XN NIPPLE @ 6690'. P.O.O.H. & RD DELSCO. P.O.O.H. W/2 3/8" TBG. EOT @ 2904' RU CUDD SNUBBING UNIT. SDFD W/ RIG CREW & PUT WELL TO SALES.
(DAY 13) TC: $1,492,625

12/31/99 **WELL ON PROD.** WELL ON SALES & OPEN WELL TO TANK. F/ POOH W 2 3/8" TBG & SNUB OUT. LD BIT & BS RD CUDD SNUBBING UNIT. RU OWP & RIH W/ 4 1/2 ARROW SET 10K PKR. SET @ 9984'. POOH & RD OWP. BLOW WELL DN. PU ON OFF TOOL 1 JT TBG X NIPPLE & RIH W/ 2 3/8" TBG. TAG PKR @ 9984'. SPACE OUT W/ 2 - 8', 2 3/8" PUP & 1' - 2 3/8" PUP. PU HANGER LAND W/ 311 JTS 2 3/8" 4.7 N-80 TBG. W/ 18K COMPRESSION ON PKR. EOT @ 10002' PKR @ 9984' X NIPPLE @ 9949'. RD FLOOR & TBG EQUIP. ND BOPS & NU W.H. PRESS TEST SEAL FLANGE TO 8500 PSI (OK) PUMP PLUG OFF W/ 1450 PSI W/ 20 BBL 3% KCL. HOOK UP FLOWLINE & PUT WELL TO SALES W/ 3600 PSI @ 9:30 PM. LEAVE WELL W/ PUMPER. SDFN W/ RIG CREWS.
(DAY 14) TC: $1,618,886

01/01/00 **FLOWED 625 MCF,** 15 BW, FTP: 3800#, FCP: 1600#, 16/64" CK, 8 HRS, LP: 312#

01/02/00 **FLOWED 2572 MCF,** 171 BW, FTP: 350#, FCP: 350#, 64/64" CK, 24 HRS, LP: 283# (NOTE: FLOWING UP TBG & CSG)

01/03/00 **FLOWED 2467 MCF,** 218 BW, FTP: 350#, FCP: 350#, 64/64" CK, 24 HRS, LP: 287# (NOTE: FLOWING UP TBG & CSG)

01/04/00 **WELL IS ON PRODUCTION.** RIG DN RIG & EQUIP. SDFD. LAST REPORT.
(DAY 15) TC: $1,619,486

CONFIDENTIAL

01/04/00 **PROG:** FLWD 2244 MCF, 183 BW, FTP: 340#, 64/64" CK, 24 HRS, LP: 281#. (FLWG F/ UPPER & LWR CASTLEGATE).

01/05/00 **PROG: FLWD 2,105 MCF,** 39 BW, FTP: 325#, CP: 1,575#, 64/64" CK, 24 HRS, LP: 276#. (PRODUCING F/ LWR CASTLGATE ONLY). FINAL REPORT.

IP DATE - 01/01/00. FLWD 2572 MCF, 171 BW, FTP: 350#, CP: 350#, 64/64" CK, 24 HRS, LP: 283# F/UPPER & LOWER CASTLEGATE. **FINAL REPORT.**

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Approximate date work will start

SUBSEQUENT REPORT (Submit Original Form Only)

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Subject well placed on production on 1/4/2000.

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DIVISION OF
OIL, GAS AND MINING

13. Name & Signature: Katy Dow Title: Environmental Jr. Analyst Date: 1/12/00

(This space for State use only)

(5/94)

(See Instructions on Reverse Side)

FORM 8

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NO.: ML-22935

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

7. UNIT AGREEMENT NAME: Natural Buttes Unit

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

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

8. FARM OR LEASE NAME: Cige #240

2. NAME OF OPERATOR: Coastal Oil & Gas Corporation

CONFIDENTIAL PERIOD EXPIRED ON 01-31-01

9. WELL NO.: 43-047-33207

3. ADDRESS OF OPERATOR: P.O. Box 1148, Vernal UT 84078 (435)-781-7023

10. FIELD AND POOL, OR WILDCAT: Natural Buttes Field

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

At surface: NENW

At top prod. interval reported below: 1411'FNL & 2007'FWL

At total depth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec.29,T9S,R22E

14. API NO.	DATE ISSUED	12. COUNTY	13. STATE
43-047-33207	12/2/98	Uintah	Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod. or Plug & Abd.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)	19. ELEV. CASINGHEAD
10/11/99	12/12/99	12/31/99	4932'Ungraded GR	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
10488'	10440'		→	X	

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

Castlegate 10112'-23' 6SPF,10094'-10104',10064'-68' 6SPF, 9667'-9728'

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: CBL/CCL/GR

27. Was Well Cored YES ☐ NO ☒ (Submit analysis)
Drill System Test YES ☐ NO ☒ (See reverse side)

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	290'	12 1/4"	160 sx PAG w/2% CaCL2	
~~4 1/2"~~	~~11.6#~~	~~4458'~~	~~7"~~ Delete per Sheila 8/9/00 (CHD)	150 sx Hi Fill lead tailed by	
				100 sx Prem Plus	
4 1/2"	11.6#	10464'	7" PROD	900 sx 1/4# Flocele 6% Halad	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	10430'	9984'

31. PERFORATION RECORD (Interval, size and number)

Casltegate 10112'-23' 6SPF, 10094'-10104', 10064'-68' 6 SPF, 9667'-9728',

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Refer to Item #37	

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)	WELL STATUS (Producing or shut-in)
12/31/99	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
1/1/00	24	64/64		0	2572	171	0

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)
350#	350#		0	2572	171	0

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

TEST WITNESSED BY

RECEIVED

JAN 21 2000

DIVISION OF OIL, GAS AND MINING

35. LIST OF ATTACHMENTS: Chronological Well History

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

SIGNED Sheila Upchego TITLE Sheila Upchego Environmental Jr. Analyst DATE 1/17/00

See Spaces for Additional Data on Reverse Side

CONFIDENTIAL

INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachment.
ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in iten 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) 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 for any multiple stage cementing and the location of the cementing tool.
ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES:
Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries).

Formation	Top	Bottom	Description, contents, etc.
GreenRiver	1598'	4600'	12/18/99 POOH W/ AMERADA BOMPS. R.I.H W/23/8 TBG TO 10430'. RU HES & PICKLE TBG W/3 BBL 15% HCL. REVERSE OUT W/ 155 BBL 3% KCL. RD HES & P.O.O.H. W/23/8 TBG & LD MILL RU O.W.P & R.I.H. W/CBL-CCL-GR. LOG F/10403' TO 4000'. TOC @ 4540' BHT 215 DEG. P.O.O.H. & PU 33/8 GUN. RU HES & PRESS TEST CSG TO 9500 PSI 5 MIN. TEST LUB 9500 PSI 5 MIN. HOOK UP 7"-41/2" CSG ANNULUS. PRESS UP 300 PSI W/.7 BBL & RD HES. R.I.H. W/33/8 GUN 23.7 GRAM 0.45 EHD 60 DEG PHASING. PERF @ 10112'-23' 6 SPF, 10094'-10104' SPF, & 10064'-68' 6 SPF. PRESS-0 PSI FL-SURFACE. P.O.O.H. & W.O. BOMPS. R.I.H. W/AMERADA BOMPS & HANG OFF @ 10042' @ 9.30 PM. SWIFN.
Wasatch	4600'	7100'	
Mesaverde	7100'		12/19/99 FLOW WELL AFTER FRAC PERF (1064'-10123'). P.O.O.H. W/AMERADA BOMPS @ 10042' W/4353 PSI .4325 PSI GRADIENT-0 @ 9542' 4099 PSI .508 @ 9042' 3900 PSI .398 @ 8542' 3683 PSI .434 @ 7542' 3225 PSI .430 @ 7042' 2811 PSI .453 BOMP ON BTM F/81/2 HRS. MI & RU HES F/FRAC HELD SAFTEY MEETING PRESS TEST LINE 10021 PSI STARTED DATA FRAC PERF (10064'-10123') BRK W/3680 PSI @ 5.4 BPM PUMP 2027 GAL 35# GEL ISIP-3566 PSI FG.79 SIIUT IN F/G FUNCTION 15 MIN 3108 PSI 1 HRS 2842 PSI 2 HRS 2789 PSI SHUT WELL IN & REMOVE G FUNCTION. STARTED FET PUMP 13729 GAL W/35# GEL ISIP-3863 PSI 35 MIN 3369 PSI FRAC LOWER CASTLEGATE PERF (10064'-10123') PUMP 295000# 20/40 ACFRAC BLACK W/35# PURGEL III ISIP-4464 PSI 15 MIN 4300 PSI MP-5228 PSI MR-36.3 BPM AP-4563 PSI AR-35.1 BPM FG.88 TOTAL LOAD=2970 BBL. TR SD 1-4 PPG W/56 MCI ANTIMONY 4-6 PPG W/58 MCI IRIDIUM. RD STINGER & HES & MOVE OUT EQUIP. FLOW WELL ON 12/64 CH FCP-4000 PSI FLOW WELL ON 12/64 CH FCP-3750 PSI REC-92 BBL FLOW WELL ON 12/64 CH FCP-3585 PSI REC-89 BBL. LEAVE WELL FLOW W/FLOW TESTER. Item #37
			12/22/99 RIH SET PKR OPEN TEST TOOL. FLOW TEST. CALL OUT CREW & OWP TO PERF. MIRU OWP PU & RIH W/ 4.5 COMPOSITE BRIDGE PLUG SET @ 10030' PU & RIH PERF/ 9728' - 9667' W/ 3 3/8" POWER PAK GUNS 22.7 GRAM CHARGE 6 SPF IFL 8500' FFL 8500'. 50# PSI ON WELL RIG DOWN OWP MIRU SCHLUMBERGER PU & RIH W/ DST TOOLS. SDFN EOT 7520'. GIT FLUID @ 5400' W/ PKR.
			12/23/99 FLOW WELL AFTER PERF (9667-9728) 7.00 AM SICP-1800 PSI SITP-0 PSI BLOW WELL DN. F/R.I.H. W/23/8 TBG & DST # 1. SET PKR @ 9625' EOT @ 9629' RU HES BREAKDOWNPERF F/9667'-9728' BRK W/3200 PSI @ 1.5 BPM & 6400 PSI @ 3.7 BPM ISIP-2500 PSI 5 MIN 2250 PSI 15 MIN 2048 PSI TOTAL LOAD=40 BBL RD HES. 10.00 AM FLOW WELL ON 24/64 CH W/1850 PSI. 11.00 AM FLOW WELL ON 22/64 CH FTP-120 PSI

38. GEOLOGIC MARKERS

Name	Top	
	Meas. Depth	True Vert.Depth

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JAN 21 2000
DIVISION OF
OIL, GAS AND MINING

Coastal
The Energy People

CONFIDENTIAL

January 19, 2000

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

Attention: Ed Forsman/Wayne Bankert/Greg Darlington:

Gentlemen:

Enclosed are the original and two copies of the Well Completions for the following well locations:

Hells Hole #9103, Federal #31-57, NBU #222, Hall #31-61, CIGE #223, CIGE #240, Tribal #31-60, Ouray #5-68, Ouray #32-70, Jenks #5-41..

If you should have any questions or need additional information, please do not hesitate to call me (435)-781-7024.

Sincerely,

Sheila Upchego

Sheila Upchego
Environmental Jr. Analyst

CC: : State of Utah
Division of Oil & Gas & Mining
Attention: Carroll Daniels
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114

RECEIVED
JAN 2 1 2000
DIVISION OF
OIL, GAS AND MINING

Coastal Oil & Gas Corporation
A SUBSIDIARY OF THE COASTAL CORPORATION
1368 S 1200 E • PO BOX 1148 • VERNAL UT 84078 • 435/789-4433 • FAX 435/789-4436

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number: ML-22935

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

7. Unit Agreement Name: Natural Buttes Unit

1. Type of Well: OIL [ ] GAS [X] OTHER: CONFIDENTIAL

8. Well Name and Number: CIGE 240-29-9-22

2. Name of Operator: Coastal Oil & Gas Corporation

9. API Well Number: 43-047-33207

3. Address and Telephone Number: P.O. Box 1148, Vernal UT 84078 (435)-781-7023

10. Field and Pool, or Wildcat: Natural Buttes Field

4. Location of Well
Footages: 1411'FNL & 2007'FWL
QQ,Sec., T., R., M.: NENW Sec.29,T9S,R22E
County: Uintah County
State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
[ ] Abandon	[ ] New Construction	[ ] Abandon*	[ ] New Construction
[ ] Repair Casing	[ ] Pull or Alter Casing	[ ] Repair Casing	[ ] Pull or Alter Casing
[ ] Change of Plans	[ ] Recomplete	[ ] Change of Plans	[ ] Perforate
[ ] Convert to Injection	[ ] Perforate	[ ] Convert to Injection	[ ] Vent or Flare
[ ] Fracture Treat or Acidize	[ ] Vent or Flare	[ ] Fracture Treat or Acidize	[ ] Water Shut-Off
[ ] Multiple Completion	[ ] Water Shut-Off	[ ] Other	
[X] Other Name Change			

Approximate date work will start: Immediate

Date of work completion:

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

* Must be accompanied by a cement verification report.

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

Coastal & Gas Corporation requests authorization to change the subject well CIGE #240-29-9-22 to CIGE #240.

RECEIVED
JAN 27 2000
DIV. OF OIL, GAS & MINING

13
Name & Signature: Sheila Upchego
Title: Environmental Jr. Analyst
Date: 1/26/00

(This space for State use only)

(5/94)

(See Instructions on Reverse Side)

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number: ML-22935

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

7. Unit Agreement Name: Natural Buttes Unit

1. Type of Well: OIL [ ] GAS [X] OTHER:

8. Well Name and Number: CIGE 240-29-9-22

2. Name of Operator: Coastal Oil & Gas Corporation

9. API Well Number: 43-047-33207

3. Address and Telephone Number: P.O. Box 1148, Vernal UT 84078 (435)-781-7023

10. Field and Pool, or Wildcat: Natural Buttes Field

4. Location of Well
Footages: 1411'FNL & 2007'FWL
QQ,Sec., T., R., M.: NENW Sec.29,T9S,R22E
County: Uintah County
State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
[ ] Abandon	[ ] New Construction	[ ] Abandon*	[ ] New Construction
[ ] Repair Casing	[ ] Pull or Alter Casing	[ ] Repair Casing	[ ] Pull or Alter Casing
[ ] Change of Plans	[ ] Recomplete	[ ] Change of Plans	[ ] Perforate
[ ] Convert to Injection	[ ] Perforate	[ ] Convert to Injection	[ ] Vent or Flare
[ ] Fracture Treat or Acidize	[ ] Vent or Flare	[ ] Fracture Treat or Acidize	[ ] Water Shut-Off
[ ] Multiple Completion	[ ] Water Shut-Off	[ ] Other	
[X] Other Name Change		Date of work completion	
Approximate date work will start Immediate		Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.	
		* Must be accompanied by a cement verification report.	

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

Coastal & Gas Corporation requests authorization to change the subject well CIGE #240-29-9-22 to CIGE #240.

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DIVISION OF
OIL, GAS AND MINING

13. Name & Signature: Sheila Upchego Title: Sheila Upchego Environmental Jr. Analyst Date: 1/26/00

(This space for State use only)

(5/94) (See Instructions on Reverse Side)

Form 3160-5
(August 1999)

'TED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
ML- 22935

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

7. If Unit or CA/Agreement, Name and/or
Natural Buttes Unit

1. Type of Well
[ ] Oil Well [X] Gas Well [ ] Other

CONFIDENTIAL

8. Well Name and No.
Cige #240

2. Name of Operator
Coastal Oil & Gas Corporation

3a. Address
P.O. Box 1148, Vernal UT 84078

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

9. API Well No.
43-047-33207

10. Field and Pool, or Exploratory Area
Natural Buttes

4. Location of Well (*Footage, Sec., T., R., M., or Survey Description*)
NE/NW Sec.29, T9S, R22E
1411' FNL & 2007' FWL

11. County or Parish, State
Uintah UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
[ ] Notice of Intent	[ ] Acidize	[ ] Deepen	[ ] Production (Start/Resume)	[ ] Water Shut-Off
[X] Subsequent Report	[ ] Alter Casing	[ ] Fracture Treat	[ ] Reclamation	[ ] Well Integrity
[ ] Final Abandonment Notice	[ ] Casing Repair	[ ] New Construction	[ ] Recomplete	[X] Other TD Castlegate
	[ ] Change Plans	[ ] Plug and Abandon	[ ] Temporarily Abandon	
	[ ] Convert to Injection	[ ] Plug Back	[ ] Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereo If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone 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 day 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 onc testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator ha determined that the final site is ready for final inspection.)

Coastal Oil & Gas Corporation has verbal approval per Jan Jarvis w/DOGM on 11/15/99 to drill to the Castlegate formation, TD @ 10,500.

Please refer to the enclosed attachments for the revised casing, cememting & drilling fluids program.

RECEIVED
JAN 3 1 2000
DIVISION OF
OIL, GAS AND MINING

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

Title
Environmental Secretary

Date 12/15/99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

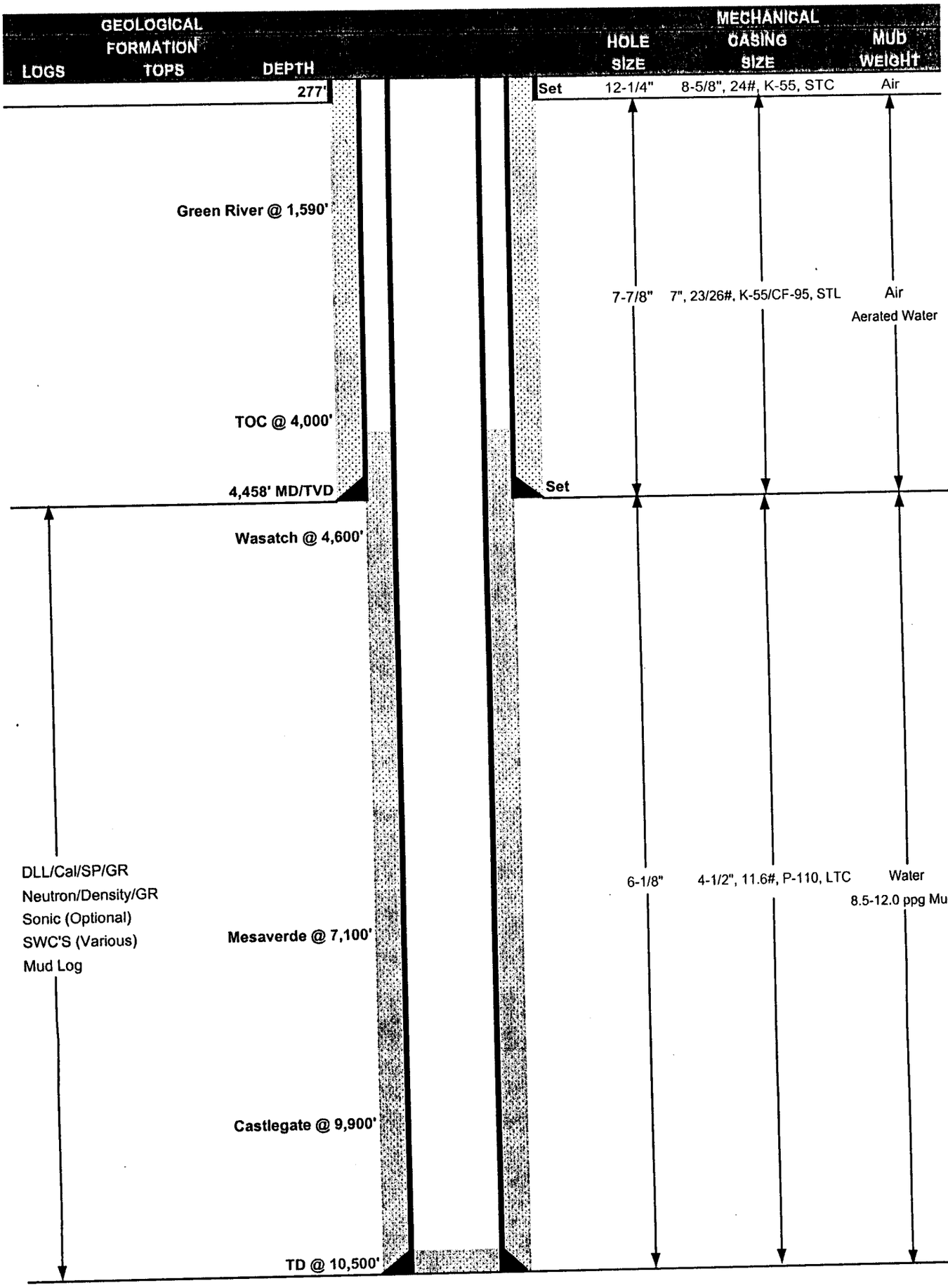
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

COASTAL OIL & GAS CORPORATION

DRILLING PROGRAM

COMPANY NAME	Coastal Oil & Gas Corporation	DATE	11/22/99
WELL NAME	**CIGE #240**	TD	10,500
FIELD	Ouray	COUNTY Uintah STATE Utah	ELEVATION 4,944' KB
SURFACE LOCATION	1,411' FNL & 2,007' FWL Sec 29 T9S-R22E		BHL Straight Hole
OBJECTIVE ZONE(S)	Lower Green River, Wasatch, Mesaverde, Castlegate		
ADDITIONAL INFO			



CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS BURST	COLLAPSE	TENSION
PRODUCTION	4-1/2"	0-TD	11.6#	P-110	LTC	SPECIFIED BY PROD DEPT		
TUBING								

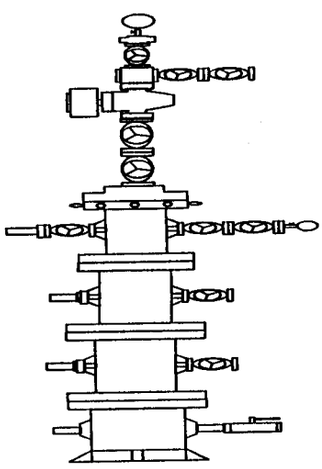
CEMENT PROGRAM

	FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
PRODUCTION	4,000'-10,500' (6,500')	50/50 Poz +0.25 lb/sk Flocele + 0.6% HALAD-322 + 2% Gel + 2% MicroBond HT + 5% Salt	630	25%	14.35	1.24

FLOAT EQUIPMENT & CENTRALIZERS

PRODUCTION	Float shoe, 2 jts, float collar. Centralize first 3 joints & every other joint across pay zones. Thread lock FE & casing up to & including pin end of first joint above FC.

WELLHEAD EQUIPMENT



TREE	2-1/16" 10M
TUBING HEAD	11" 5M X 7-1/16" 10M
CASING SPOOL	
CASING SPOOL	11" 3M x 11" 5M
CASING HEAD	8-5/8" SOW X 11" 3M

COASTAL OIL & GAS CORPORATION
DRILLING PROGRAM

BIT PROGRAM

ROCK BIT & PDC BIT PROGRAM

INTERVAL	[illegible]	BIT MFG & MODEL	GPM	SER	[illegible]NZLS	COMMENTS
Mesaverde/Castlegate	6-1/8"	Various	450-350			

GEOLOGICAL DATA

LOGGING:

Depth	Log Type
SC - TD	DLL/Cal/SP/GR
SC - TD	Neutron/Density/GR
Optional	Sonic
Various	SWC's

MUD LOGGER: 2,500' - TD

SAMPLES: As per Geology

CORING: SWC's at selective intervals.

DST: As per Geology

MUD PROGRAM

DEPTH	TYPE	MUD WT	WATER LOSS	VISCOSITY	TREATMENT
0-2,500'	Air/Mist/ Aerated Water	NA	NA		KCL
2,500'-TD	Water/Mud	8.5-12.0	NC - <10	30-45	KCL, Gel, LCM, Polymer

ADDITIONAL INFORMATION

Test casing head to 1,000 psi after installing. Test surface casing to 1,500 psi prior to drilling out. BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Run Totco survey every 500' from surface casing shoe to TD. Maximum allowable hole angle is 5 degrees.

PROJECT ENGINEER: Blaine Yeary **DATE:**

PROJECT MANAGER: Tom Young **DATE:**

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER: Exhibit "A"

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

9. API NUMBER:

3. ADDRESS OF OPERATOR: 58 South 1200 East CITY Vernal STATE Utah ZIP 84078

PHONE NUMBER: 435-789-4433

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

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

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

(5/2000) (See Instructions on Reverse Side)

State of Delaware

Office of the Secretary of State

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.

Harriet Smith Windsor, Secretary of State

0610204 8100

010162788

AUTHENTICATION: 1061007

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

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 entitities 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

Opolonia L. Abeyta
Acting Chief, Branch of
Minerals Adjudication

Enclosure
1. Exhibit of Leases (1 pp)

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

Exhibit of Leases

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

Division of Oil, Gas and Mining

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**

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

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

CA No. **Unit:** **NATURAL BUTTES**

WELL(S)

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
NBU CIGE 24-29-9-22	43-047-30493	2900	29-09S-22E	STATE	GW	P
CIGE 145-29-9-22	43-047-31993	2900	29-09S-22E	STATE	GW	P
CIGE 219-29-9-22	43-047-32864	2900	29-09S-22E	STATE	GW	P
NBU 341-29E	43-047-33055	2900	29-09S-22E	STATE	GW	P
CIGE 240	43-047-33207	2900	29-09S-22E	STATE	GW	P
NBU 137	43-047-31939	2900	30-09S-22E	STATE	GW	P
NBU CIGE 5-31-9-22	43-047-30335	2900	31-09S-22E	STATE	GW	P
NBU 50	43-047-30835	2900	31-09S-22E	STATE	GW	P
NBU CIGE 51D-31-9-22	43-047-30889	2900	31-09S-22E	STATE	GW	P
NBU 41J	43-047-31224	2900	31-09S-22E	STATE	GW	P
CIGE 97D-31-9-22	43-047-31729	2900	31-09S-22E	STATE	GW	P
NBU 155	43-047-32004	2900	31-09S-22E	STATE	GW	P
CIGE 148-31-9-22	43-047-32024	2900	31-09S-22E	STATE	GW	P
NBU 280	43-047-32865	2900	31-09S-22E	STATE	GW	P
CIGE 220-31-9-22	43-047-32884	2900	31-09S-22E	STATE	GW	P
NBU 326	43-047-33204	2900	31-09S-22E	STATE	GW	P
CIGE 3-32-9-22	43-047-30320	2900	32-09S-22E	STATE	GW	P
NBU CIGE 36D-32-9-22	43-047-30833	2900	32-09S-22E	STATE	GW	P
NBU 54	43-047-30890	2900	32-09S-22E	STATE	GW	P
NBU 51J	43-047-31234	2900	32-09S-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:** 07/19/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 07/19/2001
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".

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

Debby J. Black
Engineer Technician

Encl:

United States Department of the Interior

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

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

FEB 2 1 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 GOVERNMENT

memorandum

Branch of Real Estate Services
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to Attn of: Supervisory Petroleum Engineer

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

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

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

We have no objection.

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

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

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

Charles H Cameron

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

United States Department of the Interior

BUREAU OF INDIAN AFFAIRS
Washington, D.C. 20240

FEB 1 0 2003

IN REPLY REFER TO:
Real Estate Services

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

Dear Mr. Wilson:

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

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

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

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

Sincerely,

Director, Office of Trust Responsibilities

ACTING

Enclosure

United States Department of the Interior

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

IN REPLY REFER TO
UT-922

February 27, 2003

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

Re: Natural Buttes Unit
Uintah County, Utah

Gentlemen:

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

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

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

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

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

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

UT922:TAThompson:tt:02/27/2003

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER _____

8. WELL NAME and NUMBER: Exhibit "A"

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

9. API NUMBER:

3. ADDRESS OF OPERATOR: 9 Greenway Plaza CITY Houston STATE TX ZIP 77064-0995

PHONE NUMBER: (832) 676-5933

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

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

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

RECEIVED
FEB 2 8 2003
DIV. OF OIL, GAS & MINING

EL PASO PRODUCTION OIL & GAS COMPANY

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

WESTPORT OIL AND GAS COMPANY, L.P.

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

SIGNATURE _____ DATE 12/17/02

(This space for State use only)

(5/2000) (See Instructions on Reverse Side)

Form 3160-5
(August 1999)

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

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.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

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

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

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

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

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

10. Field and Pool, or Exploratory Area

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

11. County or Parish, State
UINTAH COUNTY, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other SUCCESSOR OF OPERATOR
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 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 0 4 2003
DIV. OF OIL, GAS & MINING

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

Name *(Printed/Typed)*
CHERYL CAMERON

Title
OPERATIONS

Signature

Date
March 4, 2003

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

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

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW✓
3. FILE

X Change of Operator (Well Sold) Designation of Agent/Operator

Operator Name Change Merger

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

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

CA No. **Unit:** **NATURAL BUTTES**

WELL(S)

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

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

Form 3160-5
(August 1999)

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

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

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

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

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

9. API Well No.
Multiple Wells - see attached

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

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

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

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

11. County or Parish, State
Uintah County, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 oringinal 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

Date
9-2-2003

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

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
Date: 9/16/03
By:

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

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)

CIGE 194	1-10-22 SWNW	U011336	891008900A	4304732932005S1
CIGE 195	2- NWNE	ML22651	8910[illegible]	4304732797005S1 ✓
CIGE 196	6-1[illegible] SESE	UTU01195	8910[illegible]	4304733003005S1
CIGE 197	7-9-21 NWNE	UTU0149767	891008900A	4304732798005S1
CIGE 198	9-9-21 NESE	UTU01188	891008900A	4304732799005S1
CIGE 199	14-9-21 NENW	UTU01193	891008900A	4304732801005S1
CIGE 200	16-9-21 SENW	UTU38409	891008900A	4304732802005S1
CIGE 201	18-9-21 SENE	UTU0575	891008900A	4304732804005S1
CIGE 202	21-9-21 SESE	UTU0576	891008900A	4304732805005S1
CIGE 203	34-9-21 NWNE	UTU01194A	891008900A	4304732881005S1 ✓
CIGE 204	35-9-21 SWNE	ML22582	891008900A	4304732794005S1 ✓
CIGE 205	1-10-21 SWNE	ML23612	891008900A	4304732795005S1 ✓
CIGE 206	4-10-21 SESE	U01416	891008900A	4304732996005S1
CIGE 207	8-10-21 NENE	UTU01791	891008900A	4304732975005S1
CIGE 208	8-10-21 SWNE	UTU01791	891008900A	4304732997005S1
CIGE 209	15-10-21 NENW	UTU01791A	891008900A	4304732943005S1
CIGE 210	16-10-21 NESE	ML10755	891008900A	4304732888005S1
CIGE 212	34-9-22 NENE	UTU0149077	891008900A	4304732938005S1
CIGE 213	33-9-22 SENW	UTU01191A	891008900A	4304732933005S1
CIGE 214	13-9-21 NESW	U01193	891008900A	4304732918005S1
CIGE 215X	15-9-21 NENE	UTU01188	891008900A	4304733690005S1
CIGE 216	15-9-21 SWNE	UTU01193	891008900A	4304732920005S1
CIGE 217	16-9-21 NWSW	ML3141	891008900A	4304732898005S1
CIGE 218	19-9-21 NWNE	U0581	891008900A	4304732921005S1
CIGE 219	29-9-22 NESW	U01207	891008900A	4304732864005S1 ✓
CIGE 220	31-9-22 SWNE	U10530A	891008900A	4304732884005S1 ✓
CIGE 221	36-9-22 SWSW	ML22650	891008900A	4304732868005S1 ✓
CIGE 222	36-9-22 NESW	ML22650	891008900A	4304732869005S1 ✓
CIGE 223	1-10-22 NWNW	U011336	891008900A	4304732983005S1
CIGE 224	2-10-21 SWNE	ML2252	891008900A	4304732883005S1 ✓
CIGE 225	3-10-21 SENW	UTU0149078	891008900A	4304734895005S1
CIGE 226	3-10-21 SESW	U0149078	891008900A	4304732995005S1
CIGE 227	9-10-21 SESE	UTU01791	891008900A	4304732998005S1
CIGE 228	15-10-21 SWNE	UTU01416A	891008900A	4304732999005S1
CIGE 229	1-10-20 NWSW	UTU02270A	891008900A	4304733006005S1
CIGE 230	13-10-20 SENE	UTU02270A	891008900A	4304732885005S1
CIGE 231	7-9-21 SENE	UTU0575B	891008900A	4304733021005S1
CIGE 232	9-9-21 NENE	UTU01188A	891008900A	4304732836005S1
CIGE 233	21-9-21 NWNE	UTU0576	891008900A	4304733022005S1
CIGE 234	25-9-21 SWNE	U01189	891008900A	4304732873005S1 ✓
CIGE 235	25-9-21 NWSE	U01194	891008900A	4304732858005S1 ✓
CIGE 236	34-9-21 SESE	U01194A	891008900A	4304732861005S1 ✓
CIGE 237	15-9-21 NWSE	UTU010950A	891008900A	4304733878005S1
CIGE 239	35-9-21 SENE	ML22582	891008900A	4304733206005S1 ✓
CIGE 240	29-9-22 SENW	ML22935	891008900A	4304733207005S1
CIGE 241	32-9-22 NENW	ML22649	891008900A	4304733208005S1
CIGE 242	33-9-22 NWNW	UTU01191A	891008900A	4304734022005S1
CIGE 244	1-10-21 NENW	ML23612	891008900A	4304733209005S1 ✓
CIGE 245	1-10-21 SENE	ML23612	891008900A	4304733210005S1 ✓
CIGE 246	2-10-21 NENW	ML-22652	891008900A	4304733687005S1
CIGE 247	16-10-21 SWSE	ML10755	891008900A	4304733639005S1
CIGE 248	21-10-21 NWSW	U02278	891008900A	4304733226005S1
CIGE 249	8-10-22 NWNW	UTU466	891008900A	4304734023005S1
CIGE 250	8-10-22 NESE	UTU01196E	891008900A	4304733743005S1
CIGE 251	15-10-21 SWNW	UTU01791A	891008900A	4304733720005S1
CIGE 252	21-10-21 SENW	UTU02278	891008900A	4304733721005S1
CIGE 253	21-10-21 SESW	UTU02278	891008900A	4304733722005S1
CIGE 254	9-10-21 NWNE	UTU01416	891008900A	4304733723005S1
CIGE 255	7-9-21 SESE	UTU0575B	891008900A	4304733970005S1
CIGE 256	9-9-21 SWNE	UTU01188A	891008900A	4304733971005S1
CIGE 257	18-9-21 LOT 2	U0581	891008900A	4304734666005S1 ✓

Westport Oil & Gas, L.P.

Project Economics Works'

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

Project Name: **Condensate Shrinkage Economics**

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

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

Increased OPX Per Year

Investment Breakdown:

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

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

Production & OPX Detail:

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

Project Life:

Life = 20.0 Years

(Life no longer than 20 years)

Internal Rate of Return:

After Tax IROR = #DIV/0!

AT Cum Cashflow:

Operating Cashflow = ($2,917) (Discounted @ 10%)

Payout Calculation:

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

Payout occurs when total AT cashflow equals investment

See graph below, note years when cashflow reaches zero

Payout = NEVER Years or #VALUE! Days

Gross Reserves:

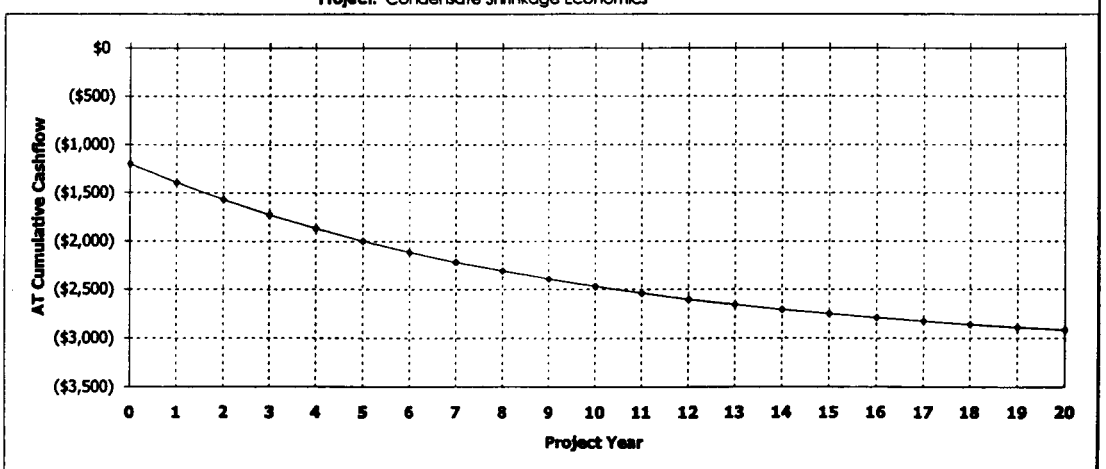
Oil Reserves = 6 BO

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 if 4 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.



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)	Specific Gravity of Flashed Gas	Separator Volume Factor	Separator Volume Percent
psig	°F	(A)	(Air=1.000)	(B)	(C)
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

Form 9

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

6. Lease Designation and Serial Number: ML-22935

SUNDRY NOTICES AND REPORTS ON WELLS

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

7. Indian Allottee or Tribe Name:

8. Unit or Communitization Agreement: NATURAL BUTTES UNIT

1. Type of Well: [ ] Oil Well [X] Gas Well [ ] Other (specify)

9. Well Name and Number: **CIGE 240**

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

10. API Well Number: 43-047-33207

3. Address of Operator: 1368 SOUTH 1200 EAST VERNAL, UTAH 84078

4. Telephone Number: (435) 781-7024

11. Field and Pool, or Wildcat: NATURAL BUTTES

5. Location of Well
Footage : 1411'FNL & 2007'FWL
QQ, Sec, T., R., M : NENW SECTION 29-T9S-R22E
County : UINTAH
State : UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate Date Work Will Start: IMMEDIATE

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of Work Completion:

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

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

THE OPERATOR REQUESTS AUTHORIZATION TO RE-COMPLETE THE SUBJECT WELL LOCATION. TO EXLUDE WATER PRODUCTIVE CASTLEGATE A PERFORATIONS VIA CEMENT SQUEEZING, THEN PERFORATING, FRACTURE AND COMPLETE ALL PROSPECTIVE GAS INTERVALS IN THE MESAVERDE FORMATION.

PLEASE REFER TO THE ATTACHED RE-COMPLETION PROCEDURE.

RECEIVED
JUN 22 2004
DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR
Date: 6-30-04
Initials: CHD

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

Name & Signature: Sheila Upchego Title: Regulatory Analyst Date: 06/14/04

(State Use Only)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 6/28/04
BY:

(8/90) See Instructions on Reverse Side

CIGE 240
1411' FNL & 2007' FWL
SENW – Section 29 – T9S – R22E
Uintah County, UT

KBE:	4944'	**API NUMBER:**	43-047-33207
GLE:	4926'	**LEASE NUMBER:**	ML-22935
TD:	10488'	**UNIT/CA NUMBER:**	
PBTD:	10440'		

CASING: 12.25" hole
7" 24# K-55 @ 277'
Cemented with 160 sx. Premium AG, circulated 10 bbl. cement to pit, TOC at surface.

6.125" hole
4.5", 11.6#, P-110 @ 10464'. Marker joint at 4628'.
Cemented with 900 sx. undescribed cement. TOC at 4539' by CBL.

TUBING: 2.375" 4.7# N-80 with on-off tool at 9909', SN at 9875'. Arrowset packer at 9909' with 10' pup, XN nipple, 2' pup and pump out plug below. EOT at 10002'. See file for details.

Tubular	**Drift inches**	**Collapse psi**	**Burst Psi**	**Capacities**		
				Gal./ft.	**Cuft/ft.**	**Bbl./ft.**
2.375" 4.7# N-80 tbg.	1.901	11780	11200	0.1626	0.02173	0.00387
4.5" 11.6# P-110 csg	3.875	7560	10690	0.6528	0.0872	0.01554
Annular Capacities						
2.375" tbg. X 4.5" 11.6# csg.				0.4226	0.0565	0.01006
4.5" csg. X 7" 24# csg.				0.8116	0.1085	0.0193
4.5" csg. X 6.125" hole				0.7047	0.0942	0.0168

EXISITING PERFORATIONS

Formation	**Date**	**Top**	**Bottom**	**SPF**	**Status**
Castlegate A	12/22/1999	9667	9673	6	Open - Annulus
Castlegate A	12/22/1999	9682	9688	6	Open - Annulus
Castlegate A	12/22/1999	9700	9702	6	Open - Annulus
Castlegate A	12/22/1999	9710	9714	6	Open - Annulus
Castlegate A	12/22/1999	9718	9728	6	Open - Annulus
Blackhawk	12/18/1999	10064	10068	6	Open - Tubing
Blackhawk	12/18/1999	10094	10104	6	Open - Tubing
Blackhawk	12/18/1999	10112	10123	6	Open - Tubing

Note – Production has always been from the Blackhawk perforations. While Castlegate A perforations are open, the packer has been used to exclude them from production.

GEOLOGIC INFORMATION:

Formation	**Depth to top, ft.**
Uinta	Surface
Green River	1598'
Wasatch	4600'
Mesa Verde	7100'

Tech. Pub. #92 Base of USDW's

USDW Elevation	~2500' MSL
USDW Depth	~2444' KBE

WELL HISTORY:

Completion – December 1999

- TD'd on 12 December 1999. **Note – 10 rotary sidewall cores were taken across the gross interval 9235' through 10120'. See the file for details on the analyses conducted.**
- Perforated the gross **Blackhawk** interval 10064' through 10068' and fractured with 2970 bbl. gel containing 295000# of 20/40 mesh AcFrac Black. **Note** – Pressure bomb ran to 10042' overnight before the treatment indicated 4353 psi, a gradient of 0.4335 psi/ft.
- Set a CBP at 10030' and perforated the gross **Castlegate A** interval 9667' through 9728'.
- Selectively broke down perforations, then isolated for a cased hole DST. Flowed for five days at 50-100 MCFD, 269-324 BWPD. Conducted a pressure build-up test, dual porosity indicated with poor transmissibility between matrix and fissure, effective permeability to gas ~0.01 md. **See file for details on both of these tests.**
- Drilled/cleaned out to 10300', wireline set packer at 9984', ran tubing and engaged on-off tool. Pumped plug out of packer and commenced production from the Blackhawk.
- Tested 2572 MCFD, 171 BWPD, 350 psi FTP, 64/64th choke on 1 January 2000.

CIGE 240 RECOMPLETION PROCEDURE

General –

- A minimum of 18 tanks of fresh water will be required.
- All perforation depths are from the Schlumberger Triple Combo log dated 7 December 1999.
- **Perforation phasing:** 2 spf, 180 degrees; 4 spf, 90 degrees.
- 5 fracturing stages required for coverage.
- 20/40 mesh sand, 16-18#/1000 gal. gel loading.
- Scale inhibitor: 3 gal./1000 gal. in pad, ramp and 50% of 5 ppg stage, spaced in flush for subsequent stage.
- **Maximum surface pressure 8500 psi (~85% of new pipe burst).**

PROCEDURE –

1. MIRU. Kill well as needed. ND WH, NU and test BOP. Release Arrowset packer at 9909' and TOH.

2. PU 3.875" bit and tubing, make a cleanout trip to the original 10440' PBTD. TOH.

3. Set a 10000 psi CBP at 9800' and a CICR at 9650'. Establish injection rate and cement squeeze Castlegate A perforations across the gross interval 9667' through 9728'. Drill out, pressure test and repeat cement squeezing until Castlegate A perforations will test to ~2000 psi. **The cost estimate assumes five days of remedial work to successfully exclude these perforations.**

4. Set a 10000 psi CBP at ~9000'. Pressure test BOPE and casing to 8500 psi.

5. Perforate the following with 3-3/8" expendable gun, 23 gm, 0.35" hole:

8788-8798'	2 spf
8821-8833'	2 spf
8885-8891'	4 spf

6. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 1 in the attached listing. Under displace to ~8760'.

7. Set 10000 psi CBP at 8730'. Perf the following with 3-3/8" expendable gun, 23 gm, 0.35" hole:

8548-8552'	2 spf
8638-8650'	2 spf
8703-8715'	2 spf

8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 in the attached listing. Under-displace to ~8500'.

9. Set 10000 psi CBP at ~8450'. Perf the following with 3-3/8" expendable gun, 23 gm, 0.35" hole:

8148-8154'	4 spf
8232-8242'	2 spf

10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~8100'.

11. Set 10000 psi CBP at ~8050'. Perf the following with 3-3/8" expendable gun, 23 gm, 0.35" hole:

7958-7968'	2 spf
8002-8010'	2 spf

12. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~7900'.

13. Set 10000 psi CBP at ~7850'. Perf the following with 3 3/8" expendable gun, 23 gm charge, 0.35" hole:

    7671-7679' 2 spf
    7773-7774' 4 spf

14. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 5 on attached listing. Under-displace to ~7600'.

15. Set 5000 psi CBP at ~7550'.

16. TIH with 3 7/8" bit, pump off sub, SN and tubing. Drill out plugs and clean out to PBTD.

17. Land tubing at ~8700'. ND BOPE, NU WH. Drop ball and shear off bit.

18. RDMO

S. D. McPherson

Approved By: _____

J. T. Conley
Operations Manager

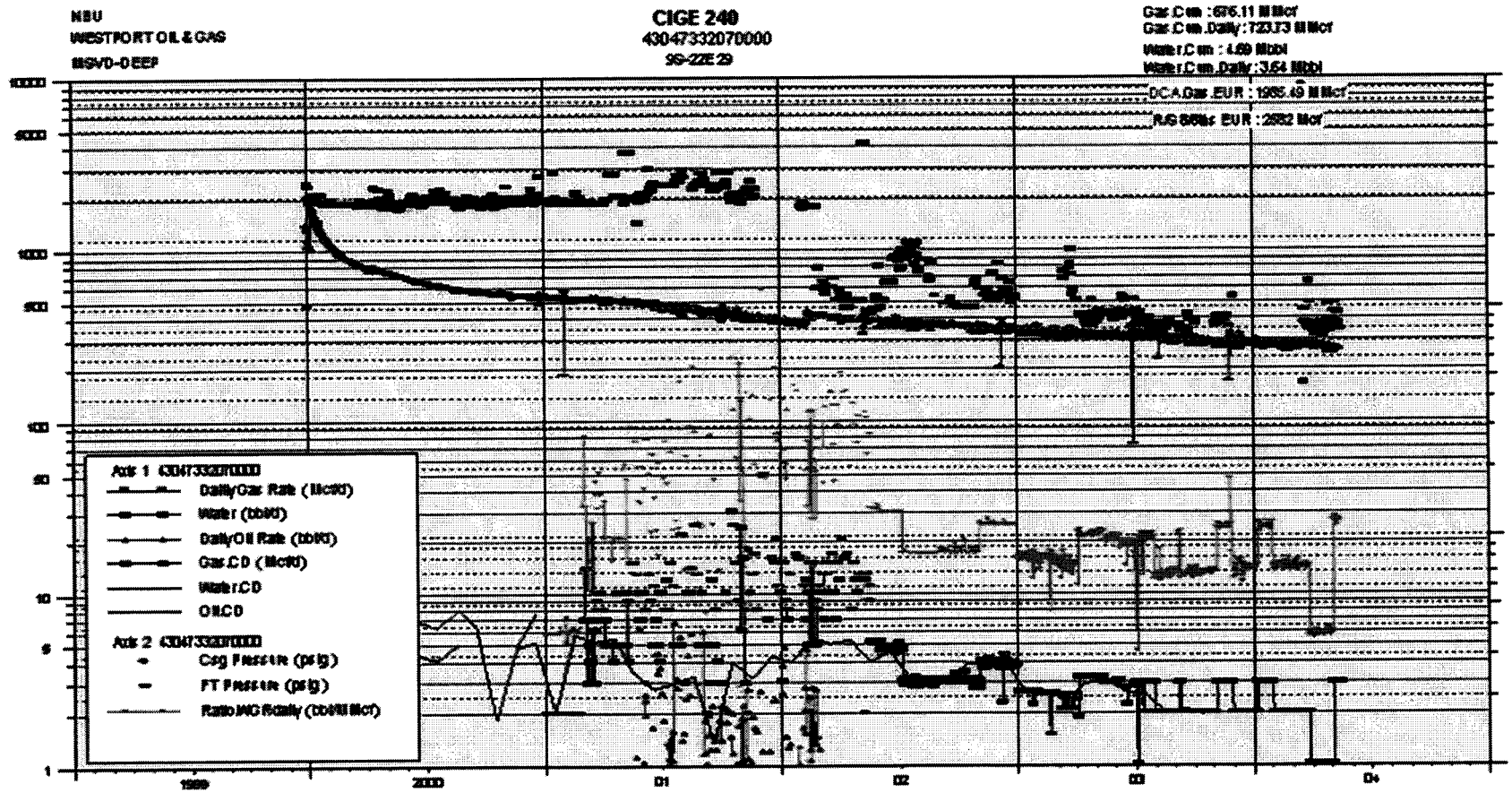
CIGE 240 Perforating Plan

Zones	Perforations		SPF	Length ft.	Holes	Remarks
	Top, ft.	Bot., ft.				
						5K CBP @ 7550'
MV	7671	7679	2	8	16	
MV	7773	7774	4	1	4	Stage 5
						10K CBP @ 7850'
MV	7958	7968	2	10	20	
MV	8002	8010	2	8	16	Stage 4
						10K CBP @ 8050'
MV	8148	8154	4	6	24	
MV	8232	8242	2	10	20	Stage 3
						10K CBP @ 8450'
MV	8548	8552	2	4	8	
MV	8638	8650	2	12	24	
MV	8703	8715	2	12	24	Stage 2
						10K CBP @ 8730'
MV	8788	8798	2	10	20	
MV	8821	8833	2	12	24	
MV	8885	8891	4	6	24	Stage 1
						10K CBP @ 9000'
						10K CBP @ 9800'

CIGE 240 Fracturing Schedules

Stage	Perfs		SPF	Holes	Event	Rate	Volume		Cumulative Vol.		% of	Sand	Cum Sand	Max. Surf.
	Top, ft.	Bot., ft.				BPM	gal.	BBL.	gal.	BBL.	Frac.	lb.	lb.	psi
1	8788	8798	2	20	Pad	50	22000	524	22000	524	22.9	0	0	
	8821	8833	2	24	Ramp (1-5 ppg)	50	26000	619	48000	1143	27.1	78000	78000	
	8885	8891	4	24	5 ppg	50	48000	1143	96000	2286	50.0	240000	318000	
				0	Flush	50	5719	136	101719	2422		0	318000	8061
2	8548	8552	2	8	Pad	50	24000	571	24000	571	22.2	0	0	
	8638	8650	2	24	Ramp (1-5 ppg)	50	30000	714	54000	1286	27.8	90000	90000	
	8703	8715	2	24	5 ppg	50	54000	1286	108000	2571	50.0	270000	360000	
				0	Flush	50	5549	132	113549	2704		0	360000	7983
3	8148	8154	4	24	Pad	50	10000	238	10000	238	20.8	0	0	
	8232	8242	2	20	Ramp (1-5 ppg)	50	14000	333	24000	571	29.2	42000	42000	
				0	5 ppg	50	24000	571	48000	1143	50.0	120000	162000	
				0	Flush	50	5288	126	53288	1269		0	162000	7569
4	7958	7968	2	20	Pad	40	8000	190	8000	190	20.0	0	0	
	8002	8010	2	16	Ramp (1-5 ppg)	40	12000	286	20000	476	30.0	36000	36000	
				0	5 ppg	40	20000	476	40000	952	50.0	100000	136000	
				0	Flush	40	5157	123	45157	1075		0	136000	6421
5	7671	7679	2	16	Pad	30	3000	71	3000	71	20.0	0	0	
	7773	7774	4	4	Ramp (1-5 ppg)	30	4500	107	7500	179	30.0	13500	13500	
				0	5 ppg	30	7500	179	15000	357	50.0	37500	51000	
				0	Flush	30	4961	118	19961	475		0	51000	5332
					TOTALS:				**333673**	**7945**			**1027000**	

MINIMUM TANKS REQUIRED FOR FRACTURING: 18


NBU
WESTPORT OIL & GAS
BSVD-DEEP
CIGE 240
43047332070000
9S-22E 29
Gas Cum : 676.11 Mcf
Gas Cum Daily : 723.73 Mcf
Water Cum : 4.69 Mbbl
Water Cum Daily : 3.64 Mbbl
DCA Gas EUR : 1965.49 Mcf
RUS Gas EUR : 2582 Mcf
Axis 1 43047332070000
Daily Gas Rate (Mcf/d)
Water (bbl/d)
Daily Oil Rate (bbl/d)
Gas CD (Mcf/d)
Water CD
Oil CD
Axis 2 43047332070000
Csg Pressure (psig)
FT Pressure (psig)
Ratio MC/Daily (bbl/MMcf)
10000
1000
100
10
1
1999
2000
01
02
03
04

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

X Change of Operator (Well Sold) Operator Name Change/Merger

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

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

CA No. **Unit:** **NATURAL BUTTES UNIT**

WELL NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
3. 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 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:

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

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: CO1203
2. Indian well(s) covered by Bond Number: RLB0005239
3. (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:

4. (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:

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires Jnovember 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

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
MUTIPLE WELLS

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

9. API Well No.

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

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

10. Field and Pool, or Exploratory Area

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

11. County or Parish, State
UINTAH COUNTY, UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other CHANGE OF OPERATOR
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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.

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 = CO1203
BIA BOND = RLB0005239

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

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

Name *(Printed/Typed)*	Title
RANDY BAYNE	DRILLING MANAGER
Signature	Date
Randy Bayne	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.

(Instructions on reverse)

Form 3160-5
(August 1999)

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

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
MUTIPLE WELLS

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

9. API Well No.

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

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

10. Field and Pool, or Exploratory Area

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

11. County or Parish, State
UINTAH COUNTY, UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other CHANGE OF OPERATOR
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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)*	Title
BRAD LANEY	ENGINEERING SPECIALIST
Signature	Date
	May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
Brad Laney		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.

(Instructions on reverse)

UTAH DIVISION OF OIL, GAS AND MINING

NOTICE OF REPORTING PROBLEMS

Operator: Kerr-McGee Oil & Gas Onshore, LP. Account: N2995 Today's Date: 09/16/2008

Problems:

- ☐ Late Report(s)
- ☐ Inaccurate Report(s)
- ☐ Incomplete Report(s)
- ☑ Other: No Subsequent Report

Failure to submit reports in a timely, accurate, and complete manner may result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

To avoid compliance action, these reporting problems should be resolved within 7 days.

Send reports to:

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Fax to: (801) 359-3940

43 047 33207
CIGE 240
9S 22E 29

Type of Report	Month(s) of Problem Report
☐ Production – Form 10 ☐ Disposition – Form 11 ☐ Gas Plant – Form 13 ☐ Enhanced Recovery – UIC Form 2 ☐ Injection – UIC Form 3 ☐ Other _____	

Type of Report	Well Name(s)	API Number(s)	Drilling Commenced
☐ Spud Notice – Form 9 ☐ Drilling Reports – Form 9 ☐ Well Completion Report – Form 8 ☑ Other Subsequent Sundry	☑ List Attached		

Description of Problem:

Operator has submitted sundry of intents on the following wells that have been approved by DOGM. Per Rule 649-3-23, a subsequent report shall be submitted on Form 9, Sundry Notice, with in 30 days after completion. The report should show workover results, well status, work completion date, new perforation depths, etc.

If you have questions or concerns regarding this matter, please contact Rachel Medina at (801) 538-5260 .

cc: Compliance File
RAM
Well File
CHD

UTAH DIVISION OF OIL, GAS AND MINING

NOTICE OF REPORTING PROBLEMS

ATTACHMENT

Operator: Kerr-McGee Oil & Gas Onshore, LP. Account: N2995 Today's Date: 09/16/2008

Well Names	API Numbers	Drilling Commenced
Cige 240	4304733207	
Tribal 31-98	4304733375	
NBU 17-18B	4304730317	
Southman Cyn 31-1-L	4304732543	
Cige 283	4304734790	
NBU 142	4304732013	
Cige 54D	4304730851	
Cige 8	4304730427	
Cige 62D	4304730885	
Cige 153	4304732067	
Cige 186	4304732590	
Cige 193	4304732973	
Bonanza 10-23-7D	4304735393	
NBU Cige 6-19-9-21	4304730356	
Cige 116	4304731919	
Cige 174	4304732323	
Cige 260	4304734368	
Love U 1121-10G	4304735557	
Lizzard 1122-210	4304736045	
NBU 116	4304731925	
NBU 1022-11F	4304735314	
NBU 270	4304732862	
Canyon Federal 1-9	4304730378	
NBU 921-34J	4304737953	

FORM 9

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

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22935

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME: UNIT #891008900A

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: CIGE 240

2. NAME OF OPERATOR: KERR McGEE OIL & GAS ONSHORE LP

9. API NUMBER: 4304733207

3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078

PHONE NUMBER: (435) 781-7024

10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1411'FNL, 2007'FWL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 29 9S, 22E

STATE: UTAH

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

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

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

ON JUNE 14, 2004, THE OPERATOR HAD REQUESTED TO RECOMPLETE THE SUBJECT WELL LOCATION. THE DIVISION OF OIL, GAS & MINING HAD APPROVED THE RECOMPLETION ON 06/24/2004, THE BLM FIELD OFFICE ACCEPTED FOR UNIT PURPOSES ONLY ON 06/23/2004. THE OPERATOR REQUESTS TO WITHDRAW THE NOTICE OF INTENT TO RECOMPLETE THE SUBJECT WELL LOCATION.

NAME (PLEASE PRINT) SHEILA UPCHEGO TITLE REGULATORY ANALYST

SIGNATURE DATE 9/22/2008

(This space for State use only)

RECEIVED
OCT 06 2008
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

API Well No: 43047332070000

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-22935

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: CIGE 240

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 43047332070000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 **PHONE NUMBER:** 720 929-6007 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1411 FNL 2007 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 29 Township: 09.0S Range: 22.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 10/4/2010	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	✓ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

THE OPERATOR REQUESTS AUTHORIZATION TO TEMPORARILY ABANDON THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO TEMPORARILY ABANDON THE WELL TO DRILL THE NBU 922-29F PAD, WHICH CONSISTS OF THE NBU 922-29D4DS, NBU 922-29E3BS, NBU 922-29F3AS, AND NBU 922-29F3BS. PLEASE REFER TO THE ATTACHED TEMPORARILY ABANDON PROCEDURE.

Approved by the Utah Division of Oil, Gas and Mining

Date: October 06, 2010

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Danielle Piernot	720 929-6156	Regulatory Analyst
SIGNATURE N/A		**DATE** 9/30/2010

RECEIVED September 30, 2010

CIGE 240
1411' FNL & 2007' FWL
SENW – Section 29 – T9S – R22E
Uintah County, UT

KBE:	4944'	**API NUMBER:**	43-047-33207
GLE:	4926'	**LEASE NUMBER:**	ML-22935
TD:	10488'	**UNIT/CA NUMBER:**	
PBTD:	10440'	**WI:**	100%
		NRI:	81.24804%

CASING: 12.25" hole
8.625" 24# K-55 @ 277'
Cemented with 160 sx. Premium AG, circulated 10 bbl. cement to pit, TOC at surface.

7.875" hole
7" 23# @ 4458'
Cemented with 150 sx. (507 cuft) HiFill lead and 100 sx. (115 cuft) Premium Plus. **Note** – Tables do not list 7" X 7.875" hole capacities, thus 8" hole used for calculation. TOC @ surface by calculation, although daily report states no cement to surface with full returns.

6.125" hole
4.5", 11.6#, P-110 @ 10464'. Marker joint at 4628'.
Cemented with 900 sx. undescribed cement. TOC at 4539' by CBL.

TUBING: 2.375" 4.7# N-80 with on-off tool at 9909', SN at 9875'. Arrowset packer at 9909' with 10' pup, XN nipple, 2' pup and pump out plug below. EOT at 10002'. See file for details.

Tubular	Drift inches	Collapse psi	Burst Psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# N-80 tbg.	1.901	11780	11200	0.1626	0.02173	0.00387
4.5" 11.6# P/HCP-110 csg	3.875	7560	10690	0.6528	0.0872	0.01554
Annular Capacities						
2.375" tbg. X 4.5" 11.6# csg.				0.4226	0.0565	0.01006
4.5" csg. X 7" 23# csg.				0.8274	0.1106	0.0197
7" csg. X 8.625" 24# csg.				0.6762	0.0903	0.0161
4.5" csg. X 6.125" hole				0.7047	0.0942	0.0168
7" csg. X 8.00" hole				0.6132	0.0818	0.0146

PERFORATIONS

Formation	Date	Top	Bottom	SPF	Status
Castlegate A	12/22/1999	9667	9673	6	Open - Annulus
Castlegate A	12/22/1999	9682	9688	6	Open - Annulus
Castlegate A	12/22/1999	9700	9702	6	Open - Annulus
Castlegate A	12/22/1999	9710	9714	6	Open - Annulus
Castlegate A	12/22/1999	9718	9728	6	Open - Annulus
Blackhawk	12/18/1999	10064	10068	6	Open - Tubing
Blackhawk	12/18/1999	10094	10104	6	Open - Tubing
Blackhawk	12/18/1999	10112	10123	6	Open - Tubing

RECEIVED September 30, 2010

Note – Production has always been from the Blackhawk perforations. While Castlegate A perforations are open, the packer has been used to exclude them from production.

GEOLOGIC INFORMATION:

Formation	**Depth to top, ft.**
Uinta	Surface
Green River	1598'
Wasatch	4600'
Mesa Verde	7100'

Tech. Pub. #92 Base of USDW's

USDW Elevation	~2500' MSL
USDW Depth	~2444' KBE

WELL HISTORY:

Completion – December 1999

- TD'd on 12 December 1999. **Note – 10 rotary sidewall cores were taken across the gross interval 9235' through 10120'. See the file for details on the analyses conducted.**
- Perforated the gross **Blackhawk** interval 10064' through 10068' and fractured with 2970 bbl. gel containing 295000# of 20/40 mesh AcFrac Black. **Note** – Pressure bomb ran to 10042' overnight before the treatment indicated 4353 psi, a gradient of 0.4335 psi/ft.
- Set a CBP at 10030' and perforated the gross **Castlegate A** interval 9667' through 9728'.
- Selectively broke down perforations, then isolated for a cased hole DST. Flowed for five days at 50-100 MCFD, 269-324 BWPD. Conducted a pressure build-up test, dual porosity indicated with poor transmissibility between matrix and fissure, effective permeability to gas ~0.01 md. **See file for details on both of these tests.**
- Drilled/cleaned out to 10300', wireline set packer at 9984', ran tubing and engaged on-off tool. Pumped plug out of packer and commenced production from the Blackhawk.
- Tested 2572 MCFD, 171 BWPD, 350 psi FTP, 64/64th choke on 1 January 2000.

Recommendation:

Temporarily abandon subject well during drilling operations of the NBU 922-29F pad. Subject well will be returned to production following the completion of associated pad wells.

RECEIVED September 30, 2010

CIGE 240 TEMPORARY 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 RESONSIBLE 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 BIOCIDE. PREMIX 5 GALLONS PER 100 BBLS FLUID.
- NOTIFY UDOGM 24 HOURS BEFORE MOVING ON LOCATION.

PROCEDURE

Note: An estimated 23 sx Class "G" cement needed for procedure
Note: No gyro has been run on subject well

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.

2. PULL TBG & LD SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL. A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.

3. RUN GYRO SURVEY.

4. **PLUG #1, ISOLATE CASTLEGATE/BLACKHAWK PERFORATIONS (9667' – 10123'):** RIH W/ 4 ½" CBP. SET @ ~9620'. RELEASE CBP, PUH 10', BRK CIRC W/ FRESH WATER. PRESSURE TEST CASING TO 500 PSI. INFORM ENGINEERING IF IT DOESN'T TEST. DISPLACE A MINIMUM OF **4 SX / .78 BBL / 4.36 CUFT** ON TOP OF PLUG. PUH ABOVE TOC (~9570'). REVERSE CIRCULATE W/ TREATED FRESH WATER.

5. **PLUG #2, PROTECT WASATCH TOP (4600'):** PUH TO ~47000'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **16 SX / 3.1 BBL / 17.44 CUFT** AND BALANCE PLUG W/ TOC @ ~4500' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.

6. LOWER WELLHEAD TO GROUND LEVEL TO ACCOMMODATE DRILLING OPS AND INSTALL MARKER PER BLM GUIDELINES.

7. RDMO. TURN OVER TO DRILLING OPERATIONS.

ALM 9/30/10

RECEIVED September 30, 2010

API Well No: 43047332070000

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-22935

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: CIGE 240

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 43047332070000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 **PHONE NUMBER:** 720 929-6007 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1411 FNL 2007 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 29 Township: 09.0S Range: 22.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 10/20/2010	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
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	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE OPERATOR REQUESTS AUTHORIZATION TO TEMPORARILY ABANDON THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO TEMPORARILY ABANDON THE WELL TO DRILL THE NBU 922-29F PAD, WHICH CONSISTS OF THE NBU 922-29D4DS, NBU 922-29E3BS, NBU 922-29F3AS, AND NBU 922-29F3BS. PLEASE REFER TO THE ATTACHED TEMPORARILY ABANDON PROCEDURE.

Approved by the Utah Division of Oil, Gas and Mining

Date: October 20, 2010

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Danielle Piernot	720 929-6156	Regulatory Analyst
SIGNATURE N/A		**DATE** 10/18/2010

RECEIVED October 18, 2010

CIGE 240
1411' FNL & 2007' FWL
SENW – Section 29 – T9S – R22E
Uintah County, UT

KBE:	4944'	**API NUMBER:**	43-047-33207
GLE:	4926'	**LEASE NUMBER:**	ML-22935
TD:	10488'	**UNIT/CA NUMBER:**	
PBTD:	10440'	**WI:**	100%
		NRI:	81.24804%

CASING: 12.25" hole
8.625" 24# K-55 @ 277'
Cemented with 160 sx. Premium AG, circulated 10 bbl. cement to pit, TOC at surface.

7.875" hole
7" 23# @ 4458'
Cemented with 150 sx. (507 cuft) HiFill lead and 100 sx. (115 cuft) Premium Plus. **Note** – Tables do not list 7" X 7.875" hole capacities, thus 8" hole used for calculation. TOC @ surface by calculation, although daily report states no cement to surface with full returns.

6.125" hole
4.5", 11.6#, P-110 @ 10464'. Marker joint at 4628'.
Cemented with 900 sx. undescribed cement. TOC at 4539' by CBL.

TUBING: 2.375" 4.7# N-80 with on-off tool at 9984', SN at 9949'. Arrowset packer at 9984' with 10' pup, XN nipple, 2' pup and pump out plug below. EOT at 10002'. See file for details.

Tubular	Drift inches	Collapse psi	Burst Psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
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4.5" 11.6# P/HCP-110 csg	3.875	7560	10690	0.6528	0.0872	0.01554
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PERFORATIONS

Formation	Date	Top	Bottom	SPF	Status
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Castlegate A	12/22/1999	9710	9714	6	Open - Annulus
Castlegate A	12/22/1999	9718	9728	6	Open - Annulus
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Blackhawk	12/18/1999	10094	10104	6	Open - Tubing
Blackhawk	12/18/1999	10112	10123	6	Open - Tubing

Note – Production has always been from the Blackhawk perforations. While Castlegate A perforations are open, the packer has been used to exclude them from production.

GEOLOGIC INFORMATION:

Formation	**Depth to top, ft.**
Uinta	Surface
Green River	1598'
Wasatch	4600'
Mesa Verde	7100'

Tech. Pub. #92 Base of USDW's

USDW Elevation	~2500' MSL
USDW Depth	~2444' KBE

WELL HISTORY:

Completion – December 1999

- TD'd on 12 December 1999. **Note – 10 rotary sidewall cores were taken across the gross interval 9235' through 10120'. See the file for details on the analyses conducted.**
- Perforated the gross **Blackhawk** interval 10064' through 10123' and fractured with 2970 bbl. gel containing 295000# of 20/40 mesh AcFrac Black. **Note** – Pressure bomb ran to 10042' overnight before the treatment indicated 4353 psi, a gradient of 0.4335 psi/ft.
- Set a CBP at 10030' and perforated the gross **Castlegate A** interval 9667' through 9728'.
- Selectively broke down perforations, then isolated for a cased hole DST. Flowed for five days at 50-100 MCFD, 269-324 BWPD. Conducted a pressure build-up test, dual porosity indicated with poor transmissibility between matrix and fissure, effective permeability to gas ~0.01 md. **See file for details on both of these tests.**
- Drilled/cleaned out to 10300', wireline set packer at 9984', ran tubing and engaged on-off tool. Pumped plug out of packer and commenced production from the Blackhawk.
- Tested 2572 MCFD, 171 BWPD, 350 psi FTP, 64/64th choke on 1 January 2000.

Recommendation:

Temporarily abandon subject well during drilling operations of the NBU 922-29F pad. Subject well will be returned to production following the completion of associated pad wells.

RECEIVED October 18, 2010

CIGE 240 TEMPORARY 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 RESONSIBLE 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 BIOCIDE. PREMIX 5 GALLONS PER 100 BBLS FLUID.
- NOTIFY UDOGM 24 HOURS BEFORE MOVING ON LOCATION.

PROCEDURE

Note: An estimated 27 sx Class "G" cement needed for procedure
Note: No gyro has been run on subject well

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.

2. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL. A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.

3. RUN GYRO SURVEY.

4. RELEASE PACKER AND POOH SCANNING TUBING.

5. IF PACKER WILL NOT RELEASE, J-OFF PACKER AT O/O TOOL. REVERSE CIRCULATE FILL OFF PACKER TOP. LATCH BACK ONTO PACKER AND TRY TO RELEASE PACKER. POOH SCANNING TUBING.

6. IF PACKER WILL NOT RELEASE, J-OFF PACKER AT O/O TOOL AND POOH SCANNING TUBING.

7. **PLUG #1, ISOLATE BLACKHAWK PERFORATIONS (10064' – 10123'):** RIH W/ 4 ½" CBP. SET @ ~10020'. (IF PACKER DID NOT RELEASE, SET CBP 20' ABOVE PACKER AT ~9964'.) RELEASE CBP, PUH 10', BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **4 SX / .78 BBL / 4.36 CUFT** ON TOP OF PLUG. PUH ABOVE TOC (~9970' OR 9914'). REVERSE CIRCULATE W/ TREATED FRESH WATER.

8. **PLUG #2, ISOLATE CASTLEGATE PERFORATIONS (9667' – 9728'):** RIH W/ 4 ½" CBP. SET @ ~9620'. RELEASE CBP, PUH 10', BRK CIRC W/ FRESH WATER. PRESSURE TEST CASING TO 500 PSI. INFORM ENGINEERING IF IT DOESN'T TEST. DISPLACE A MINIMUM OF **4 SX / .78 BBL / 4.36 CUFT** ON TOP OF PLUG. PUH ABOVE TOC (~9570'). REVERSE CIRCULATE W/ TREATED FRESH WATER.

9. **PLUG #3, PROTECT WASATCH TOP (4600'):** PUH TO ~47000'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **16 SX / 3.1 BBL / 17.44 CUFT** AND BALANCE PLUG W/ TOC @ ~4500' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.

10. LOWER WELLHEAD TO GROUND LEVEL TO ACCOMMODATE DRILLING OPS AND INSTALL MARKER PER BLM GUIDELINES.

RECEIVED October 18, 2010

11. RDMO. TURN OVER TO DRILLING OPERATIONS.

ALM 9/30/10

RECEIVED October 18, 2010

API Well No: 43047332070000

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-22935

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: CIGE 240

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 43047332070000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 **PHONE NUMBER:** 720 929-6007 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1411 FNL 2007 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 29 Township: 09.0S Range: 22.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 12/31/2010	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	✓ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

The operator has concluded the temporary abandonment operations on the subject well location on 12/31/2010. This well was temporarily abandoned in order to the drill the NBU 922-29F Pad. Please see the attached chronological well history.

Accepted by the Utah Division of Oil, Gas and Mining

FOR RECORD ONLY

01/04/2011

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Andy Lytle	720 929-6100	Regulatory Analyst
SIGNATURE N/A		**DATE** 1/4/2011

RECEIVED January 04, 2011

US ROCKIES REGION

Operation Summary Report

Well: CIGE 240		Spud Date:	
Project: UTAH-UINTAH	Site: NBU 922-29F PAD		Rig Name No: GWS 1/1
Event: ABANDONMENT	Start Date: 12/22/2010		End Date: 12/30/2010
Active Datum: RKB @0.00ft (above Mean Sea Level)	UWI: CIGE 240		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
12/22/2010	7:00 - 7:15	0.25	ABAND	48		P		HSM, SLIPS, TRIPS & FALLS, MOVING RIG ON SLICK & MUDDY ROADS.
	7:15 - 15:00	7.75	ABAND	30	A	P		MIRU, TO T&A WELL, SDFWE.
12/27/2010	7:00 - 7:15	0.25	ABAND	48		P		HSM, SLIPS, TRIPS & FALLS, WORKING W/ HIGH PRESSURE WELL.
	7:15 - 17:30	10.25	ABAND	34	I	P		TBG & CSG PRESS 3,500 PSI, MIRU DELSCO WIRE LINE TO SET PUMP THRU PLUG, BROKE U-JOINT ON WL TRUCK WAIT ON U-JOINT, MASTER VALVE FROZE PUT THAW TUBE ON IT, HEATER FAN WOULDN'T WORK FINAL GOT MASTER VALVE OPEN RIH STACKED OUT @ 20' POOH BLEW TBG, CSG PRESS DROPPING FROM 3,500 PSI TO 200 PSI, RIH W/ JDS TO CHECK FOR SPRING STACKED OUT ON SN @ 9,998' POOH, RIH W/ PUMP THRU PLUG STARTED HITTING DEBRIS IN TBG @ 7,400' TO 7,983' STACKED OUT POOH TO SCRATCH & BROACH TBG HUNG UP @ 7,433' WORKED UP & DOWN CAME FREE POOH, PU SCRATCHER RIH SCRATCHED TO SN & OUT OF EOT TO 10,050', FLUID LEVEL 2,100', POOH, TRIED TO BLOW WELL, WOULDN'T BLOW TBG & CSG DEAD, PUMP 20 BBLS DOWN TBG CSG STARTED BLOWING POSSIBLE HOLE IN TBG @ 2,100', ND WH, NU BOP, RU FLOOR & TBG EQUIP, UNLAND TBG ATTEMP TO RELEASE PKR WORKING IT UP TO 68K NO SUCCESS, PUT LEFT HAND TORQUE IN & J-ED OUT OF PKR W/ O/O TOOL, SWI, SDFN.
12/28/2010	7:00 - 7:15	0.25	ABAND	48		P		HSM, SLIPS, TRIPS & FALLS, LAYING DOWN TBG W/ RIG FLOOR SO HIGH.
	7:15 - 12:30	5.25	ABAND	31	I	P		CSG PRESS 750 PSI, TBG PRESS 100 PSI, BLED WELL DOWN & KILL W/ 30 BBLS 10# BRINE DOWN TBG WASHING OFF TOP OF PKR, J-BACK INTO PKR ATTEMPT TO RELEASE W/ RIGHT HAND TORQUE & WORKING TO 68-70K NO SUCCESS, WORK LEFT HAND TORQUE DOWN J-OUT OF O/O TOOL, TRIED TO BACK OFF HANGER NO SUCCESS L/D 1 JT & HANGER & 2 - 8' & 1 - 6' PUP JTS POOH TBG STARTED BLOWING @ 4,700' PUMPED 5 BBLS 10# BRINE CAME BACK RIGHT AWAY UP CSG, FOUND HOLE IN TBG @ 4,750' L/D 2 JTS 1 W/ HOLE & 1 W/ PITTED COLLAR, COLLARS ARE PITTED ON TBG,PUMPED 35 BBLS 10# BRINE DOWN TBG @ 4,800' WELL CIRCULATING WHILE PUMPING, STARTED SEEING SOME SCALE ON OUTSIDE OF TBG & PINS STARTING TO CORRODE ON ENDS.
	12:30 - 15:30	3.00	ABAND	34	I	P		MIRU CUTTERS WIRELINE RIH W/ GAUGE RING DIDN'T HIT ANYTHING POOH, PU BKR 10K CBP RIH STARTED HANGING UP @ 6,800' BUT WAS WORKING FREE TO 7,385' GOT STUCK WORKED UP TO 3,200# NO MOVEMENT, PUMP DOWN CSG W/ RIG PUMP NO SUCCESS, SET CBP @ 7,385' POOH, RDMO CUTTERS.
	15:30 - 17:00	1.50	ABAND	31	I	P		PU BIT & SUB RIH W/ TBG TO DRILL UP CBP IN AM, SWI, SDFN.
12/29/2010	7:00 - 7:15	0.25	ABAND	48		P		HSM, SLIPS, TRIPS & FALLS, ICE PLUGS IN TBG.

US ROCKIES REGION

Operation Summary Report

Well: CIGE 240		Spud Date:	
Project: UTAH-UINTAH	Site: NBU 922-29F PAD		Rig Name No: GWS 1/1
Event: ABANDONMENT	Start Date: 12/22/2010		End Date: 12/30/2010
Active Datum: RKB @0.00ft (above Mean Sea Level)	UWI: CIGE 240		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:15 - 12:30	5.25	ABAND	44	C	P		RU POWER SWIVEL, BREAK CIRC & DISPLACE HOLE W/ BRINE, DRLG STUCK CBP @ 7,385', RIH TO 9,984' TOP OF PKR, CIRC BTMS UP, POOH.
	12:30 - 17:00	4.50	ABAND	34	I	P		MIRU CUTTERS WIRELINE RIH W/ 3.70" GAUGE RING DIDN'T HIT ANYTHING POOH, PU HALIBURTON 10K CBP, RIH 9,129' CBP GOT STUCK AGAIN, PULLED 3,200# UP W/ NO SUCCESS, PUMPED DOWN PAST PLUG W/ RIG PUMP NO SUCCESS, STOPPED PUMPING BLED CSG OFF PLUG CAME LOOSE MOVE IT UP HOLE TO 9,085' GOT STUCK AGAIN, PUMPED W/ RIG PUMP AGAINW/ NO SUCCESS, WORKED FOR APPROX 2 HRS ON STUCK CBP FINALLY SET CBP @ 9,085', POOH RDMO CUTTERS, PRESS TEST CSG TO 500 PSI FOR 10 MIN HELD OK BLED PRESS OFF, SWI, SDFN.
12/30/2010	7:00 - 7:15	0.25	ABAND	48		P		HSM, SLIPS, TRIPS & FALLS, ICE ON SURFACE'S WHEN SNOW MAKES IT SLICK, USE EXTRA CAUSTION.
	7:15 - 17:30	10.25	ABAND	31	I	P		PU 3 7/8" MILL & TIH TO 9,080', MIRU PRO PETRO BREAK CIRC, PUMP 2.5 BBLS FRESH, 2.66 BBLS 13 SKS NEAT CLASS G CMT, DISPLACE W/ 1 BBL FRESH & 32.4 BBLS BRINE TOTAL DISPLACEMENT 33.4 BBLS, TOC 8,908', POOH L/D TBG TO 4,700', RU PRO PETRO BREAK CIRC, PUMP 2.5 BBLS FRESH, 3.28 BBLS 16 SKS NEAT CLASS G CMT, DISPLACE W/ 1 BBL FRESH & 15.3 BBLS BRINE TOTAL DISPLACEMENT 16.3 BBLS, TOC @ 4,489', POOH L/D TBG, WILL INSPECT TBG @ B&C YARD, HAVE APPROX 234 JTS GOOD & 77 JTS W/ PITTING ON BOXES CORROSION ON PIN & 1 W/ HOLE IN IT ALL TBG N-80 2 3/8" , RD FLOOR & TBG EQUIP, ND BOPS, WILL MOVE TO NBU 922-32O PAD ON MONDAY, SDFWE.

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-22935

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: CIGE 240

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 43047332070000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779

PHONE NUMBER: 720 929-6515 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1411 FNL 2007 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 29 Township: 09.0S Range: 22.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 4/6/2011	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ SPUD REPORT Date of Spud:	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	✓ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ DRILLING REPORT Report Date:	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

The subject well is currently temporarily abandoned in order for the NBU 922-29F pad to be drilled. This well was temporarily abandoned on 12/31/2010. The operator requests authorization to recomplete the subject well. The existing Blackhawk and Castlegate perforations will be plugged off and the Mesaverde formation will be recompleted. Please see the attached recompletion procedure for details. Thank you.

Approved by the Utah Division of Oil, Gas and Mining

Date: 04/05/2011

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Andy Lytle	720 929-6100	Regulatory Analyst
SIGNATURE N/A		**DATE** 4/4/2011

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Greater Natural Buttes Unit

CIGE 240
API# 4304733207
RE-COMPLETIONS PROCEDURE

DATE:2/3/11
AFE#:
USER ID:EPD553 (Frac Invoices Only)

COMPLETIONS ENGINEER: **Jared Klostermann, Denver, CO**
(720)-929-6541 (Office)

SIGNATURE:

ENGINEERING MANAGER: **JEFF DUFRESNE**

SIGNATURE:

REMEMBER SAFETY FIRST!

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Name: **CIGE 240**
Location: SE NW Section 29 T9S R22E

Uintah County, UT
Date: **2/3/11**

ELEVATIONS: 4926' GL 4944' KB

TOTAL DEPTH: 10488' **PBTD:** 10440'
SURFACE CASING: 8 5/8", 24# K-55 ST&C @ 277'
INTERMEDIATE CASING: 7" 23 & 26# K-55 & C-95 @ 4458'
PRODUCTION CASING: 4 1/2", 11.6#, P-110 LT&C @ 10464'
Marker Joint **4628-4643**'

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 ½" 11.6# P-11	10690	7560	3.875"	0.0155	0.6528
2 3/8" by 4 ½" Annulus				0.0101	0.4227

TOPS: **BOTTOMS:**

1438' Green River Top
1743' Bird's Nest Top
2240' Mahogany Top
4685' Wasatch Top — 7260' Wasatch Bottom
7260' Mesaverde Top — 10488' Mesaverde Bottom (TD)

T.O.C. @ 4800'

GENERAL:

- A minimum of **16** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Schlumbergers Induction-Density-Neutron logs dated 11/4/99 **(use from 277-7645')** and 12/7/99 **(use from 7645'-PBTD).**
- **7** fracturing stages required for coverage.
- Procedure calls for **7** CBP's (**8000** psi) . Also need 2 cement retainers (**10000 psi**).
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Pump scale inhibitor at 3 gpt (in pad and until 1.25 ppg ramp up is reached) and 10 gpt in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, **Slickwater frac**.

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- Maximum surface pressure **7000** psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). Stage acid and scale inhibitor if necessary to cover the next perforated interval.
- **Call flush at 0 PPG @ inline densiometers. 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)**
- Service companies need to provide surface/production annulus pop-offs to be set for 500 psi for each frac.
- Pump 20/40 mesh **curable resin coated sand** last 5,000# of all frac stages
- **TIGHT SPACING ON STAGES 2 & 3; OVERFLUSH BY 5 BBLS**
- Originally completed on 12/18/99

Existing Perforations:

Formation	Date	Top	Bottom	SPF	Status
Castlegate A	12/22/1999	9667	9673	6	Open – Below Plug
Castlegate A	12/22/1999	9682	9688	6	Open – Below Plug
Castlegate A	12/22/1999	9700	9702	6	Open – Below Plug
Castlegate A	12/22/1999	9710	9714	6	Open – Below Plug
Castlegate A	12/22/1999	9718	9728	6	Open – Below Plug
Blackhawk	12/18/1999	10064	10068	6	Open – Below Plug
Blackhawk	12/18/1999	10094	10104	6	Open – Below Plug
Blackhawk	12/18/1999	10112	10123	6	Open – Below Plug

Relevant History:

12/18/99: Original completion in Blackhawk and Castlegate. Isolated Castlegate perfs with a packer set at 9984'. Produced Blackhawk up tubing.
12/29/08: Production dropped off to zero.
4/15/09: Slickline tagged at 10,274' (below Blackhawk perfs). Ran 1.9" broach to 9943' (SN at 9949').
12/22/10: TA well for drilling. Packer stuck, POOH with tubing. Found hole in tubing at 4750'. Plug stuck at 7385', drilled out. Second plug stuck at 9085'. Spot cement on top of plug at 9085'. Set cement plug from 4489-4700'.

H2S History:

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	Date	H2S H2S_SEPARATOR_PPM
1	10/1/2008	0.00
2	11/1/2008	2.00
3	12/1/2008	1.00
4	1/1/2009	0.00
5	2/1/2009	0.00
6	3/1/2009	
7	4/1/2009	0.00
8	5/1/2009	
9	6/1/2009	
10	7/1/2009	0.00
11	8/1/2009	0.00
12	9/1/2009	0.00
13	10/1/2009	0.00
14	11/1/2009	0.00
15	12/1/2009	0.00
16	1/1/2010	0.00

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

1. MIRU. NU 4-1/2" casinghead and BOP's. Pressure test BOPs and casing to 5000 psi.

2. PU 3-7/8" bit and 2-3/8" workstring. RIH and drillout cement plug from 4489-4700'. Drill out cement and plug from 8908-9085'. RIH to top of packer at ~9984' and drill up any CBP parts. POOH standing back tubing.

3. LD bit and PU cement retainer, 1 jt tubing, seat nipple, and workstring. RIH and set cement retainer at ~9900' to isolate Castlegate (Lower Mesaverde) perfs. Sting into cement retainer and establish injection rate down tubing into Blackhawk (Lower Mesaverde) perfs. Make sure there is no communication with the 2-3/8" x 4-1/2" annulus. RDMO.

4. This well will be used for pressure monitoring during the fracs of the offset NBU 922-29G3BS and NBU 922-29F3BS. Prior to these fracs, lower pressure gauges to seat nipple. Record pressure during Stage 1 fracs on the NBU 922-29G3BS and NBU 922-29F3BS.

5. After the 922-29G3BS and 922-29F3BS fracs are complete, pull pressure gauges.

6. **Abandon Blackhawk (Lower Mesaverde) Perfs:** MIRU. Establish circulation down tubing. Pump minimum of 50' cement (4 sx) below retainer. Pull out of retainer and spot 50' balanced cement plug (4 sx) from top of plug to 9850'. POOH standing back tubing.

7. **Abandon Castlegate (Lower Mesaverde) Perfs:** PU and RIH with cement retainer. Set at ~9510'. Sting into retainer and establish circulation into Castlegate perfs. Pump minimum of

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50’ cement (4 sx) below retainer. Pull out of retainer and spot 50’ balanced cement plug (4 sx) from top of plug to 9460’. PU to 9460’ and reverse circulate clean.

8. ND BOPs and NU frac valves. Test frac valves and casing to 1000 and 3500 psi for 15 minutes each and 7000 psi for 30 minutes. As per standard operating procedure install steel blowdown line to reserve pit from 4-1/2” X 8-5/8” annulus with pressure relief valve in line. Pressure relief will be set to release at 500 psig. **Lock open bradenhead 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.

9. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
MESAVERDE	9186	9187	4	4
MESAVERDE	9234	9235	4	4
MESAVERDE	9253	9254	4	4
MESAVERDE	9267	9268	4	4
MESAVERDE	9282	9283	4	4
MESAVERDE	9385	9386	4	4

10. 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 ~9186’ and trickle 250gal 15%HCL w/ scale inhibitor in flush .

11. Set 8000 psi CBP at ~9134’. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
MESAVERDE	8888	8889	4	4
MESAVERDE	8969	8970	4	4
MESAVERDE	9100	9104	4	16

12. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~8888’ and trickle 250gal 15%HCL w/ scale inhibitor in flush. **NOTE: Tight spacing on Stage 2, overflush by 5 bbls.**

13. Set 8000 psi CBP at ~8862’. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
MESAVERDE	8689	8690	3	3
MESAVERDE	8708	8709	3	3
MESAVERDE	8748	8750	3	6
MESAVERDE	8793	8795	3	6
MESAVERDE	8830	8832	3	6

14. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~8689’ trickle 250gal 15%HCL w/ scale inhibitor in flush. **NOTE: Tight spacing on Stage 3, overflush by 5 bbls.**

15. Set 8000 psi CBP at ~8674’. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
MESAVERDE	8550	8551	4	4
MESAVERDE	8614	8617	4	12
MESAVERDE	8642	8644	4	8

16. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~8550' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

17. Set 8000 psi CBP at ~8384'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
MESAVERDE	8150	8152	3	6
MESAVERDE	8241	8243	3	6
MESAVERDE	8279	8280	3	3
MESAVERDE	8289	8290	3	3
MESAVERDE	8352	8354	3	6

18. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 5 on attached listing. Under-displace to ~8150' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

19. Set 8000 psi CBP at ~8036'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
MESAVERDE	7928	7930	3	6
MESAVERDE	7965	7969	3	12
MESAVERDE	8004	8006	3	6

20. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 6 on attached listing. Under-displace to ~7928' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

21. Set 8000 psi CBP at ~7708'. Perf the following 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
MESAVERDE	7420	7421	3	3
MESAVERDE	7464	7465	3	3
MESAVERDE	7501	7502	3	3
MESAVERDE	7552	7553	3	3
MESAVERDE	7570	7573	3	9
MESAVERDE	7677	7678	3	3

22. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 7 on attached listing. Under-displace to ~7420' and flush only with recycled water.

23. Set 8000 psi CBP at~7370'.

24. ND Frac Valves, NU and Test BOPs.

25. TIH with 3 7/8" bit, pump off sub, SN and tubing.

26. Drill plugs and clean out to cement at ~**9460'**. Do not drill out cement and plug over Castlegate perfs. Shear off bit and land tubing at ±**8858**' unless indicated otherwise by the well's behavior. ND BOPs and NU wellhead.

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27. Clean out well with foam and/or swabbing unit until steady flow has been established from completion.

28. Leave surface casing valve open. Monitor and report any flow from surface casing. RDMO

For design questions, please call
Jared Klostermann, Denver, CO
(720)-929-6541 (Office)
(307)-259-8366 (Cell)

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

NOTES:
TIGHT SPACING ON STAGES 2 & 3; OVERFLUSH BY 5 BBLS

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

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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 BBLS 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 BBLS 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 BBLS 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

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Key Contact information

Completion Engineer

Jared Klostermann: 307-259-8366, 720-929-6541

Production Engineer

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

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

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Name CIGE 240
Perforation and CBP Summary

Stage	Zones	Perforations Top, ft	Perforations Bottom, ft	SPF	Holes		Fracture Coverage		
1	MESAVERDE	9186	9187	4	4		9153.5	to	9196.5
	MESAVERDE	9234	9235	4	4		9225	to	9258
	MESAVERDE	9253	9254	4	4		9261.5	to	9299.5
	MESAVERDE	9267	9268	4	4		9368	to	9398
	MESAVERDE	9282	9283	4	4				
	MESAVERDE	9385	9386	4	4				
	# of Perfs/stage				24		CBP DEPTH	9,134	
2	MESAVERDE	8888	8889	4	4		8873	to	8892
	MESAVERDE	8969	8970	4	4		8948	to	8973
	MESAVERDE	9100	9104	4	16		9084	to	9114.5
	# of Perfs/stage				24		CBP DEPTH	8,862	
3	MESAVERDE	8689	8690	3	3		8683	to	8741
	MESAVERDE	8708	8709	3	3		8746	to	8755.5
	MESAVERDE	8748	8750	3	6		8784.5	to	8798
	MESAVERDE	8793	8795	3	6		8812.5	to	8844.5
	MESAVERDE	8830	8832	3	6				
	# of Perfs/stage				24		CBP DEPTH	8,674	
4	MESAVERDE	8550	8551	4	4		8536	to	8555
	MESAVERDE	8614	8617	4	12		8591	to	8619.5
	MESAVERDE	8642	8644	4	8		8638.5	to	8651
	# of Perfs/stage				24		CBP DEPTH	8,384	
5	MESAVERDE	8150	8152	3	6		8145.5	to	8169
	MESAVERDE	8241	8243	3	6		8209.5	to	8245
	MESAVERDE	8279	8280	3	3		8266.5	to	8298
	MESAVERDE	8289	8290	3	3		8319	to	8369
	MESAVERDE	8352	8354	3	6				
	# of Perfs/stage				24		CBP DEPTH	8,036	
6	MESAVERDE	7928	7930	3	6		7920	to	7932
	MESAVERDE	7965	7969	3	12		7945	to	7974
	MESAVERDE	8004	8006	3	6		8001.5	to	8010.5
	# of Perfs/stage				24		CBP DEPTH	7,708	
7	MESAVERDE	7420	7421	3	3		7418	to	7424.5
	MESAVERDE	7464	7465	3	3		7452	to	7477
	MESAVERDE	7501	7502	3	3		7544.5	to	7556
	MESAVERDE	7552	7553	3	3		7557	to	7619
	MESAVERDE	7570	7573	3	9		7669.5	to	7681.5
	MESAVERDE	7677	7678	3	3				
	# of Perfs/stage				24		CBP DEPTH	7,370	
	Totals				168				

RECEIVED Apr. 04, 2011

Sundry Number: 13984 API Well Number: 43047332070000

RECEIVED Apr. 04, 2011

Fracturing Schedules

Name CIGE 240

Slickwater Frac

Copy to new book

Recomplete?	Y
Pad?	N
ACTS?	Y

Swabbing Days	0	Enter Number of swabbing days here for recompletes
Production Log	0	Enter 1 if running a Production Log
DFIT	0	Enter Number of DFITs

Stage	Zone	Md-Ft of Pay	Perfs Top, ft.	Perfs Bot., ft	SPF	Holes	Rate BPM	Fluid Type	Initial ppg	Final ppg	Fluid	Volume gals	Cum Vol gals	Volume BBLs	Cum Vol BBLs	Fluid % of frac	Sand % of frac	Sand lbs	Cum. Sand lbs	Footage from CBP to Flush	Scale Inhib., gal.
1	MESAVERDE	0.144	9186	9187	4	4	Varied	Pump-in test			Slickwater		0	0	0						
	MESAVERDE	0.395	9234	9235	4	4	0	ISIP and 5 min ISIP													59
	MESAVERDE	0.268	9253	9254	4	4	50	Slickwater Pad			Slickwater	5,862	5,862	140	140	15.0%	0.0%	0	0		18
	MESAVERDE	0.221	9267	9268	4	4	50	Slickwater Ramp	0.25	1.25	Slickwater	11,074	16,936	264	403	28.3%	19.4%	8,305	8,305		33
	MESAVERDE	0.00	9282	9283	4	4	50	SW Sweep	0	0	Slickwater	0	16,936	0	403		0.0%	0	8,305		0
	MESAVERDE	0.00	9385	9386	4	4	50	Slickwater Ramp	1.25	1.5	Slickwater	11,074	28,009	264	667	28.3%	35.5%	15,226	23,531		0
	MESAVERDE	0.00					50	SW Sweep	0	0	Slickwater	0	28,009	0	667		0.0%	0	23,531		0
	MESAVERDE	0.00					50	Slickwater Ramp	0.5	1.5	Slickwater	0	28,009	0	667		0.0%	0	23,531		0
	MESAVERDE	0.00					50	Slickwater Ramp	1.5	2	Slickwater	11,074	39,083	264	931	28.3%	45.2%	19,379	42,910		0
	MESAVERDE	0.00					50	Flush (4-1/2)				5,997	45,080	143	1,073				42,910		59
	MESAVERDE	0.00						ISDP and 5 min ISDP					45,080								170
	MESAVERDE	0.00																			
	MESAVERDE	0.00																			
	MESAVERDE	0.00									Sand laden Volume		39,083								
						Look											gal/md-ft	38,000	41,721	lbs sand/md-ft	
		1.03		# of Perfs/stage		24									Flush depth	9186		CBP depth	9,134	52	
							21.5	<< Above pump time (min)													
2	MESAVERDE	0.106	8888	8889	4	4	Varied	Pump-in test			Slickwater		0	0	0						
	MESAVERDE	0.079	8969	8970	4	4	0	ISIP and 5 min ISIP													
	MESAVERDE	0.146	9100	9104	4	16	50	Slickwater Pad			Slickwater	2,732	2,732	65	65	15.0%	0.0%	0	0		8
	MESAVERDE	0.00					50	Slickwater Ramp	0.25	1.25	Slickwater	5,160	7,891	123	188	28.3%	19.4%	3,870	3,870		15
	MESAVERDE	0.00					50	SW Sweep	0	0	Slickwater	0	7,891	0	188		0.0%	0	3,870		0
	MESAVERDE	0.00					50	Slickwater Ramp	1.25	1.5	Slickwater	5,160	13,051	123	311	28.3%	35.5%	7,095	10,964		0
	MESAVERDE	0.00					50	SW Sweep	0	0	Slickwater	0	13,051	0	311		0.0%	0	10,964		0
	MESAVERDE	0.00					50	Slickwater Ramp	0.5	1.5	Slickwater	0	13,051	0	311		0.0%	0	10,964		0
	MESAVERDE	0.00					50	Slickwater Ramp	1.5	2	Slickwater	5,160	18,211	123	434	28.3%	45.2%	9,029	19,994		0
	MESAVERDE	0.00					50	Flush (4-1/2)				5,802	24,013	138	572				19,994		58
	MESAVERDE	0.00						ISDP and 5 min ISDP					24,013								81
	MESAVERDE	0.00																			
	MESAVERDE	0.00																			
	MESAVERDE	0.00									Sand laden Volume		18,211								
						Look							LOOK		LOOK		gal/md-ft	55,000	60,385	lbs sand/md-ft	
		0.33		# of Perfs/stage		24									Flush depth	8888		CBP depth	8,862	26	
							11.4	<< Above pump time (min)													
3	MESAVERDE	0.507	8689	8690	3	3	Varied	Pump-in test			Slickwater		0	0	0						
	MESAVERDE	0.219	8708	8709	3	3	0	ISIP and 5 min ISIP													
	MESAVERDE	0.556	8748	8750	3	6	50	Slickwater Pad			Slickwater	10,946	10,946	261	261	15.0%	0.0%	0	0		33
	MESAVERDE	0.637	8793	8795	3	6	50	Slickwater Ramp	0.25	1.25	Slickwater	20,675	31,621	492	753	28.3%	18.7%	15,506	15,506		62
	MESAVERDE	0.00	8830	8832	3	6	50	SW Sweep	0	0	Slickwater	0	31,621	0	753		0.0%	0	15,506		0
	MESAVERDE	0.00					50	Slickwater Ramp	1.25	1.5	Slickwater	20,675	52,296	492	1,245	28.3%	34.2%	28,428	43,935		0
	MESAVERDE	0.00					50	SW Sweep	0	0	Slickwater	5,250	57,546	125	1,370		0.0%	0	43,935		0
	MESAVERDE	0.00					50	Slickwater Ramp	0.5	1.5	Slickwater	3,000	60,546	71	1,442		3.6%	3,000	46,935		0
	MESAVERDE	0.00					50	Slickwater Ramp	1.5	2	Slickwater	20,675	81,221	492	1,934	28.3%	43.5%	36,182	83,117		0
	MESAVERDE	0.00					50	Flush (4-1/2)				5,672	86,894	135	2,069				83,117		56
	MESAVERDE	0.00						ISDP and 5 min ISDP					86,894								151
	MESAVERDE	0.00																			
	MESAVERDE	0.00																			
	MESAVERDE	0.00									Sand laden Volume		72,971								
						Look											gal/md-ft	38,000	43,283	lbs sand/md-ft	
		1.92		# of Perfs/stage		24									Flush depth	8689		CBP depth	8,674	15	
							41.4	<< Above pump time (min)													

Stage	Zone	Md-Ft of Pay	Perfs Top, ft.	Perfs Bot, ft	SPF	Holes	Rate BPM	Fluid Type	Initial ppg	Final ppg	Fluid	Volume gals	Cum Vol gals	Volume BBLs	Cum Vol BBLs	Fluid % of frac	Sand % of frac	Sand lbs	Cum. Sand lbs	Footage from CBP to Flush	Scale Inhib., gal.
4	MESAVERDE	0.043	8550	8551	4	4	Varied	Pump-in test			Slickwater		0	0	0						
	MESAVERDE	0.455	8614	8617	4	12	0	ISIP and 5 min ISIP													
	MESAVERDE	0.226	8642	8644	4	8	50	Slickwater Pad	0.25	1.25	Slickwater	4,125	4,125	98	98	15.0%	0.0%	0	0	0	12
	MESAVERDE	0.00					50	Slickwater Ramp	0	0	Slickwater	7,791	11,915	185	284	28.3%	19.4%	5,843	5,843	0	23
	MESAVERDE	0.00					50	SW Sweep	1.25	1.5	Slickwater	7,791	19,706	185	469	28.3%	35.5%	10,712	16,555	0	0
	MESAVERDE	0.00					50	Slickwater Ramp	0	0	Slickwater	0	19,706	0	469	0.0%	0.0%	0	16,555	0	0
	MESAVERDE	0.00					50	SW Sweep	0.5	1.5	Slickwater	0	19,706	0	469	0.0%	0.0%	0	16,555	0	0
	MESAVERDE	0.00					50	Slickwater Ramp	1.5	2	Slickwater	7,791	27,497	185	655	28.3%	45.2%	13,634	30,189	0	0
	MESAVERDE	0.00					50	Slickwater Ramp			Slickwater	5,581	33,078	133	788	28.3%	45.2%	13,634	30,189	0	0
	MESAVERDE	0.00					50	Flush (4-1/2)			Slickwater		33,078		788	28.3%	45.2%	13,634	30,189	55	0
	MESAVERDE	0.00					ISDP and 5 min ISDP														
		0.72		**# of Perfs/stage**		**24**					Sand laden Volume		27,497								
																8550	**gal/md.ft**	**38,000**	**8,384**	**41,721**	**90**
																	CBP depth			**lbs sand/md.ft**	
																				166	
5	MESAVERDE	0.068	8150	8152	3	6	Varied	Pump-in test			Slickwater		0	0	0						
	MESAVERDE	0.084	8241	8243	3	6	0	ISIP and 5 min ISIP													
	MESAVERDE	0.086	8279	8280	3	3	50	Slickwater Pad	0.25	1.25	Slickwater	2,715	2,715	65	65	15.0%	0.0%	0	0	0	8
	MESAVERDE	0.092	8289	8290	3	3	50	Slickwater Ramp	0	0	Slickwater	5,128	7,844	122	187	28.3%	19.4%	3,846	3,846	0	15
	MESAVERDE	0.00	8352	8354	3	6	50	SW Sweep	1.25	1.5	Slickwater	0	7,844	0	187	0.0%	0.0%	0	3,846	0	0
	MESAVERDE	0.00					50	Slickwater Ramp	1.25	1.5	Slickwater	5,128	12,972	122	309	28.3%	35.5%	7,052	10,898	0	0
	MESAVERDE	0.00					50	SW Sweep	0	0	Slickwater	0	12,972	0	309	0.0%	0.0%	0	10,898	0	0
	MESAVERDE	0.00					50	Slickwater Ramp	0.5	1.5	Slickwater	0	12,972	0	309	0.0%	0.0%	0	10,898	0	0
	MESAVERDE	0.00					50	Slickwater Ramp	1.5	2	Slickwater	5,128	18,101	122	431	28.3%	45.2%	8,975	19,873	0	0
	MESAVERDE	0.00					50	Slickwater Ramp			Slickwater	5,320	23,421	127	558	28.3%	45.2%	8,975	19,873	52	0
	MESAVERDE	0.00					50	Flush (4-1/2)			Slickwater		23,421		558	28.3%	45.2%	8,975	19,873	76	0
	MESAVERDE	0.00					ISDP and 5 min ISDP														
		0.33		**# of Perfs/stage**		**24**					Sand laden Volume		18,101								
																8150	**gal/md.ft**	**55,000**	**8,036**	**60,385**	**114**
																	CBP depth			**lbs sand/md.ft**	
																				114	
6	MESAVERDE	0.073	7928	7930	3	6	Varied	Pump-in test			Slickwater		0	0	0						
	MESAVERDE	0.130	7965	7969	3	12	0	ISIP and 5 min ISIP													
	MESAVERDE	0.036	8004	8006	3	6	50	Slickwater Pad	0.25	1.25	Slickwater	2,508	2,508	60	60	15.0%	0.0%	0	0	0	8
	MESAVERDE	0.00					50	Slickwater Ramp	0	0	Slickwater	4,738	7,247	113	173	28.3%	19.4%	3,554	3,554	0	14
	MESAVERDE	0.00					50	SW Sweep	1.25	1.5	Slickwater	0	7,247	0	173	0.0%	0.0%	0	3,554	0	0
	MESAVERDE	0.00					50	Slickwater Ramp	1.25	1.5	Slickwater	4,738	11,985	113	285	28.3%	35.5%	6,515	10,069	0	0
	MESAVERDE	0.00					50	SW Sweep	0	0	Slickwater	0	11,985	0	285	0.0%	0.0%	0	10,069	0	0
	MESAVERDE	0.00					50	Slickwater Ramp	0.5	1.5	Slickwater	0	11,985	0	285	0.0%	0.0%	0	10,069	0	0
	MESAVERDE	0.00					50	Slickwater Ramp	1.5	2	Slickwater	4,738	16,723	113	398	28.3%	45.2%	8,292	18,360	0	0
	MESAVERDE	0.00					50	Slickwater Ramp			Slickwater	5,175	21,898	123	521	28.3%	45.2%	8,292	18,360	50	0
	MESAVERDE	0.00					50	Flush (4-1/2)			Slickwater		21,898		521	28.3%	45.2%	8,292	18,360	72	0
	MESAVERDE	0.00					ISDP and 5 min ISDP														
		0.24		**# of Perfs/stage**		**24**					Sand laden Volume		16,723								
																7928	**gal/md.ft**	**70,000**	**7,708**	**76,854**	**220**
																	CBP depth			**lbs sand/md.ft**	
																				220	
							11.2	<< Above pump time (min)													
							15.8	<< Above pump time (min)													
							10.4														

Stage	Zone	Md-Ft of Pay	Perfs Top, ft.	Perfs Bot., ft	SPF	Holes	Rate BPM	Fluid Type	Initial ppg	Final ppg	Fluid	Volume gals	Cum Vol gals	Volume BBLs	Cum Vol BBLs	Fluid % of frac	Sand % of frac	Sand lbs	Cum. Sand lbs	Footage from CBP to Flush	Scale Inhib., gal.
7	MESAVERDE	0.064	7420	7421	3	3	Varied	Pump-in test			Slickwater		0	0	0						
	MESAVERDE	0.064	7464	7465	3	3	0	ISIP and 5 min ISIP													
	MESAVERDE	0.034	7501	7502	3	3	50	Slickwater Pad			Slickwater	7,194	7,194	171	171	15.0%	0.0%	0	0		22
	MESAVERDE	1.025	7552	7553	3	3	50	Slickwater Ramp	0.25	1.25	Slickwater	13,589	20,783	324	495	28.3%	19.4%	10,191	10,191		41
	MESAVERDE	0.075	7570	7573	3	9	50	SW Sweep	0	0	Slickwater	0	20,783	0	495		0.0%	0	10,191		0
	MESAVERDE	0.00	7677	7678	3	3	50	Slickwater Ramp	1.25	1.5	Slickwater	13,589	34,371	324	818	28.3%	35.5%	18,684	28,876		0
	MESAVERDE	0.00					50	SW Sweep	0	0	Slickwater	0	34,371	0	818		0.0%	0	28,876		0
	MESAVERDE	0.00					50	Slickwater Ramp	0.5	1.5	Slickwater	0	34,371	0	818		0.0%	0	28,876		0
	MESAVERDE	0.00					50	Slickwater Ramp	1.5	2	Slickwater	13,589	47,960	324	1,142	28.3%	45.2%	23,780	52,656		0
	MESAVERDE	0.00					50	Flush (4-1/2)				4,844	52,804	115	1,257				52,656		0
	MESAVERDE	0.00						ISDP and 5 min ISDP					52,804								62
	MESAVERDE	0.00																			
	MESAVERDE	0.00																			
	MESAVERDE	0.00									Sand laden Volume		47,960								
						Look											gal/md-ft	38,000	41,721	lbs sand/md-ft	
		1.26		# of Perfs/stage		24									Flush depth	7420		CBP depth	7,370	50	
							25.1														
	Totals	5.83				168						Total Fluid	287,187	gals	6,838	bbls		Total Sand	267,098		
													6,838	bbls							
							2.3								15.2	tanks				Total Scale Inhib. =	703

Total Stages	7	stages
Last Stage Flush	4844	gals

Service Company Supplied Chemicals - Job Totals

Friction Reducer	141	gals @	0.5	GPT
Surfactant	282	gals @	1.0	GPT
Clay Stabilizer	282	gals @	1.0	GPT
15% Hcl	1750	gals @	250	gal/stg
Iron Control for acid	9	gals @	5.0	GPT of aci
Surfactant for acid	2	gals @	1.0	GPT of aci
Corrosion Inhibitor for acid	4	gals @	2.0	GPT of aci

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

Scale Inhibitor	703	gals pumped per schedule above		
Biocide	141	gals @	0.5	GPT

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TRUE Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	CLOSURE Direction Deg	Dogleg Severity Deg/100
0	0	0	0	0	0	0	0	0	0
100	0.25	206.75	100	-0.19	-0.1	-0.19	0.22	206.75	0.25
200	0.25	162.86	200	-0.6	-0.13	-0.6	0.61	192.45	0.19
300	0.25	181.49	300	-1.02	-0.07	-1.02	1.03	184.1	0.08
400	0.25	116.6	400	-1.34	0.12	-1.34	1.35	175.06	0.27
500	0.25	277.7	500	-1.41	0.09	-1.41	1.41	176.15	0.49
600	0.5	297.81	599.99	-1.18	-0.51	-1.18	1.28	203.33	0.28
700	0.5	329.91	699.99	-0.6	-1.11	-0.6	1.26	241.85	0.28
800	0.5	335.02	799.99	0.18	-1.52	0.18	1.53	276.7	0.04
900	1	349.12	899.98	1.43	-1.86	1.43	2.35	307.5	0.53
1000	1	356.23	999.96	3.16	-2.09	3.16	3.78	326.55	0.12
1100	1.5	13.33	1099.94	5.3	-1.84	5.3	5.61	340.85	0.62
1200	1.25	15.44	1199.91	7.63	-1.25	7.63	7.73	350.7	0.26
1300	1	35.55	1299.89	9.39	-0.45	9.39	9.4	357.25	0.46
1400	0.5	49.7	1399.88	10.38	0.39	10.38	10.39	2.14	0.53
1500	0.75	56.86	1499.88	11.02	1.27	11.02	11.09	6.57	0.26
1600	0.75	48.01	1599.87	11.82	2.3	11.82	12.04	11.03	0.12
1700	0.75	336.17	1699.86	12.85	2.53	12.85	13.1	11.12	0.88
1800	1	320.32	1799.85	14.12	1.7	14.12	14.23	6.88	0.35
1900	1.25	289.49	1899.83	15.16	0.12	15.16	15.16	0.45	0.64
2000	1.25	271.64	1999.81	15.55	-2	15.55	15.68	352.67	0.39
2100	0.75	249.79	2099.79	15.36	-3.7	15.36	15.8	346.44	0.62
2200	0.75	217.95	2199.78	14.62	-4.72	14.62	15.36	342.1	0.41
2300	0.75	211.88	2299.78	13.55	-5.47	13.55	14.61	338.01	0.08
2400	0.75	221.04	2399.77	12.5	-6.24	12.5	13.97	333.45	0.12
2500	1.25	202.19	2499.75	10.99	-7.09	10.99	13.08	327.19	0.59
2600	1.25	172.34	2599.73	8.9	-7.35	8.9	11.55	320.44	0.64
2700	1.5	193.49	2699.7	6.55	-7.51	6.55	9.97	311.07	0.56
2800	1.5	174.65	2799.67	3.97	-7.7	3.97	8.66	297.3	0.49
2900	1.75	190.8	2899.63	1.17	-7.86	1.17	7.95	278.46	0.52
3000	1.75	189.96	2999.58	-1.84	-8.41	-1.84	8.61	257.69	0.03
3200	2	192.27	3199.47	-8.25	-9.68	-8.25	12.72	229.55	0.13
3400	2	201.42	3399.35	-14.91	-11.7	-14.91	18.95	218.11	0.16
3600	1.75	202.48	3599.25	-20.98	-14.14	-20.98	25.3	213.97	0.13
3800	1.75	190.59	3799.15	-26.81	-15.87	-26.81	31.15	210.62	0.18
4000	2	192.64	3999.05	-33.21	-17.19	-33.21	37.4	207.37	0.13
4200	2.75	202.69	4198.87	-41.05	-19.81	-41.05	45.58	205.76	0.43
4400	2.75	199.8	4398.64	-49.99	-23.28	-49.99	55.14	204.98	0.07
4600	2.5	184.86	4598.44	-58.85	-25.28	-58.85	64.05	203.25	0.36
4800	2.25	183.92	4798.26	-67.11	-25.92	-67.11	71.94	201.11	0.13
5000	2.25	186.25	4998.11	-74.93	-26.61	-74.93	79.52	199.55	0.05
5200	1.75	192.32	5197.99	-81.82	-27.69	-81.82	86.37	198.7	0.27
5400	2.25	184.36	5397.87	-88.71	-28.64	-88.71	93.22	197.89	0.29
5600	2.75	173.46	5597.68	-97.4	-28.39	-97.4	101.45	196.25	0.34
5800	3	155.53	5797.43	-106.93	-25.68	-106.93	109.97	193.5	0.46
6000	3.25	157.58	5997.13	-116.93	-21.35	-116.93	118.86	190.35	0.14
6200	2.5	172.69	6196.88	-126.5	-18.63	-126.5	127.86	188.38	0.53
6400	2.25	176.75	6396.71	-134.74	-17.85	-134.74	135.92	187.55	0.15
6600	2.25	171.81	6596.55	-142.55	-17.07	-142.55	143.57	186.83	0.1
6800	2	176.42	6796.42	-149.92	-16.29	-149.92	150.8	186.2	0.15
7000	1.75	182.23	6996.31	-156.45	-16.2	-156.45	157.29	185.91	0.16
7200	2.25	178.03	7196.19	-163.43	-16.18	-163.43	164.23	185.65	0.26
7400	2.5	169.83	7396.02	-171.65	-15.27	-171.65	172.32	185.09	0.21
7600	3.75	154.43	7595.72	-181.84	-11.68	-181.84	182.21	183.68	0.75
7800	3.75	166.22	7795.29	-194.09	-7.3	-194.09	194.23	182.15	0.38
8000	3	161.05	7994.94	-205.39	-4.04	-205.39	205.43	181.13	0.4
8200	2.75	159.89	8194.69	-214.85	-0.69	-214.85	214.85	180.18	0.13
8400	2.25	154.71	8394.5	-222.9	2.63	-222.9	222.92	179.32	0.27
8600	2	154.52	8594.36	-229.6	5.81	-229.6	229.68	178.55	0.13
8800	1.5	165.32	8794.27	-235.29	7.98	-235.29	235.42	178.06	0.3
9000	1.75	151.13	8994.19	-240.49	10.11	-240.49	240.71	177.59	0.24
9200	1.5	131.95	9194.11	-244.92	13.54	-244.92	245.29	176.84	0.3
9400	1.5	116.56	9394.04	-247.84	17.82	-247.84	248.48	175.89	0.2
9600	1.75	104.18	9593.96	-249.76	23.13	-249.76	250.83	174.71	0.21
9800	1.75	119.79	9793.87	-252.02	28.74	-252.02	253.66	173.49	0.24
9900	1.5	120.39	9893.83	-253.44	31.19	-253.44	255.35	172.98	0.25

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-22935

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: CIGE 240

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 43047332070000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779

PHONE NUMBER: 720 929-6515 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1411 FNL 2007 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 29 Township: 09.0S Range: 22.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 4/25/2011	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	✓ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

The operator requests to update the recompletion procedures. The operator will be not using this well as a pressure monitor. The subject well is currently temporarily abandoned in order for the NBU 922-29F pad to be drilled. This well was temporarily abandoned on 12/31/2010. The operator requests authorization to recomplete the subject well. The existing Blackhawk and Castlegate perforations will be plugged off and the Mesaverde formation will be recompleted. Please see the attached updated recompletion procedure for details.

Approved by the Utah Division of Oil, Gas and Mining

Date: 04/28/2011

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Gina Becker	720 929-6086	Regulatory Analyst II
SIGNATURE N/A		**DATE** 4/25/2011

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Greater Natural Buttes Unit

CIGE 240
API# 4304733207
RE-COMPLETIONS PROCEDURE

DATE:2/3/11
AFE#:
USER ID:OOT937 (Frac Invoices Only)

COMPLETIONS ENGINEER: **Zachary Garrity, Denver, CO**
(720)-929-6180 (Office)
(406)-781-6427 (Cell)

SIGNATURE:

ENGINEERING MANAGER: JEFF DUFRESNE

SIGNATURE:

REMEMBER SAFETY FIRST!

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Name: **CIGE 240**
Location: SE NW Section 29 T9S R22E
Uintah County, UT
Date: **2/3/11**

ELEVATIONS: 4926' GL 4944' KB

TOTAL DEPTH: 10488' **PBTD:** 10440'
SURFACE CASING: 8 5/8", 24# K-55 ST&C @ 277'
INTERMEDIATE CASING: 7" 23 & 26# K-55 & C-95 @ 4458'
PRODUCTION CASING: 4 1/2", 11.6#, P-110 LT&C @ 10464'
Marker Joint **4628-4643**'

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 ½" 11.6# P-11	10690	7560	3.875"	0.0155	0.6528
2 3/8" by 4 ½" Annulus				0.0101	0.4227

TOPS: **BOTTOMS:**

1438' Green River Top
1743' Bird's Nest Top
2240' Mahogany Top
4685' Wasatch Top — 7260' Wasatch Bottom
7260' Mesaverde Top — 10488' Mesaverde Bottom (TD)

T.O.C. @ 4800'

GENERAL:

- A minimum of **16** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Schlumbergers Induction-Density-Neutron logs dated 11/4/99 **(use from 277-7645')** and 12/7/99 **(use from 7645'-PBTD).**
- **7** fracturing stages required for coverage.
- Procedure calls for **7** CBP's (**8000** psi) . Also need 2 CIBP (**10000 psi**).
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Pump scale inhibitor at 3 gpt (in pad and until 1.25 ppg ramp up is reached) and 10 gpt in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, **Slickwater frac**.
- Maximum surface pressure **7000** psi.

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- 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 densiometers. 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)**
- Service companies need to provide surface/production annulus pop-offs to be set for 500 psi for each frac.
- Pump 20/40 mesh **curable resin coated sand** last 5,000# of all frac stages
- **TIGHT SPACING ON STAGES 2 & 3; OVERFLUSH BY 5 BBLS**
- Originally completed on 12/18/99
- **Cement quanties 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.**

Existing Perforations:

Formation	Date	Top	Bottom	SPF	Status
Castlegate A	12/22/1999	9667	9673	6	Open – Below Plug
Castlegate A	12/22/1999	9682	9688	6	Open – Below Plug
Castlegate A	12/22/1999	9700	9702	6	Open – Below Plug
Castlegate A	12/22/1999	9710	9714	6	Open – Below Plug
Castlegate A	12/22/1999	9718	9728	6	Open – Below Plug
Blackhawk	12/18/1999	10064	10068	6	Open – Below Plug
Blackhawk	12/18/1999	10094	10104	6	Open – Below Plug
Blackhawk	12/18/1999	10112	10123	6	Open – Below Plug

Relevant History:

12/18/99: Original completion in Blackhawk and Castlegate. Isolated Castlegate perfs with a packer set at 9984'. Produced Blackhawk up tubing.
12/29/08: Production dropped off to zero.
4/15/09: Slickline tagged at 10,274' (below Blackhawk perfs). Ran 1.9" broach to 9943' (SN at 9949').
12/22/10: TA well for drilling. Packer stuck, POOH with tubing. Found hole in tubing at 4750'. Plug stuck at 7385', drilled out. Second plug stuck at 9085'. Spot cement on top of plug at 9085'. Set cement plug from 4489-4700'.

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H2S History:

	Date	H2S H2S_SEPARATOR_PPM
1	10/1/2008	0.00
2	11/1/2008	2.00
3	12/1/2008	1.00
4	1/1/2009	0.00
5	2/1/2009	0.00
6	3/1/2009	
7	4/1/2009	0.00
8	5/1/2009	
9	6/1/2009	
10	7/1/2009	0.00
11	8/1/2009	0.00
12	9/1/2009	0.00
13	10/1/2009	0.00
14	11/1/2009	0.00
15	12/1/2009	0.00
16	1/1/2010	0.00

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

1. MIRU. NU 4-1/2" casinghead and BOP's. Pressure test BOPs and casing to 5000 psi.

2. PU 3-7/8" bit and 2-3/8" workstring. RIH and drillout cement plug from 4489-4700'. Drill out cement and plug from 8908-9085'. RIH to top of packer at ~9984' and drill up any CBP parts. POOH standing back tubing.

3. LD bit and PU 4-½" CIBP , 1 jt tubing, seat nipple, and workstring.

4. **Abandon Blackhawk (Lower Mesaverde) Perfs:**
   RIH and set CIBP at ~10,014' to isolate Blackhawk (Lower Mesaverde) perfs. Release CIBP, Pull up hole 10', break circulation with fresh water. Displace a minimum of 50' cement (4 SX / 0.8 BBL / 4.36 CUFT) from top of plug to 9,964'. Pull up hole above TOC and reverse circulate with treated brine. POOH standing back tubing.

5. **Abandon Castlegate (Lower Mesaverde) Perfs:**
   RIH and set CIBP at ~9,617' to isolate Castlegate (Lower Mesaverde) perfs. Release CIBP, Pull up hole 10', break circulation with fresh water. Displace a minimum of 50' cement (4 SX / 0.8 BBL / 4.36 CUFT) from top of plug to 9,567'. Pull up hole above TOC and reverse circulate with treated brine. POOH laying down tubing.

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6. ND BOPs and NU frac valves. Test frac valves and casing to 1000 and 3500 psi for 15 minutes each and 7000 psi for 30 minutes. As per standard operating procedure install steel blowdown line to reserve pit from 4-1/2" X 8-5/8" annulus with pressure relief valve in line. Pressure relief will be set to release at 500 psig. **Lock open bradenhead valve.** Annulus will be monitored throughout stimulation. If release occurs, stimulation will be shut down. Well conditions will be assessed and actions taken as necessary to secure the well. UDOGM will be notified if a release to the annulus occurs.

7. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
MESAVERDE	9186	9187	4	4
MESAVERDE	9234	9235	4	4
MESAVERDE	9253	9254	4	4
MESAVERDE	9267	9268	4	4
MESAVERDE	9282	9283	4	4
MESAVERDE	9385	9386	4	4

8. 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 ~9186' and trickle 250gal 15%HCL w/ scale inhibitor in flush .

9. Set 8000 psi CBP at ~9134'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
MESAVERDE	8888	8889	4	4
MESAVERDE	8969	8970	4	4
MESAVERDE	9100	9104	4	16

10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~8888' and trickle 250gal 15%HCL w/ scale inhibitor in flush. **NOTE: Tight spacing on Stage 2, overflush by 5 bbls.**

11. Set 8000 psi CBP at ~8862'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
MESAVERDE	8689	8690	3	3
MESAVERDE	8708	8709	3	3
MESAVERDE	8748	8750	3	6
MESAVERDE	8793	8795	3	6
MESAVERDE	8830	8832	3	6

12. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~8689' trickle 250gal 15%HCL w/ scale inhibitor in flush. **NOTE: Tight spacing on Stage 3, overflush by 5 bbls.**

13. Set 8000 psi CBP at ~8674'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
MESAVERDE	8550	8551	4	4
MESAVERDE	8614	8617	4	12
MESAVERDE	8642	8644	4	8

14. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~8550' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

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15. Set 8000 psi CBP at ~8384'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
MESAVERDE	8150	8152	3	6
MESAVERDE	8241	8243	3	6
MESAVERDE	8279	8280	3	3
MESAVERDE	8289	8290	3	3
MESAVERDE	8352	8354	3	6

16. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 5 on attached listing. Under-displace to ~8150' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

17. Set 8000 psi CBP at ~8036'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
MESAVERDE	7928	7930	3	6
MESAVERDE	7965	7969	3	12
MESAVERDE	8004	8006	3	6

18. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 6 on attached listing. Under-displace to ~7928' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

19. Set 8000 psi CBP at ~7708'. Perf the following 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
MESAVERDE	7420	7421	3	3
MESAVERDE	7464	7465	3	3
MESAVERDE	7501	7502	3	3
MESAVERDE	7552	7553	3	3
MESAVERDE	7570	7573	3	9
MESAVERDE	7677	7678	3	3

20. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 7 on attached listing. Under-displace to ~7420' and flush only with recycled water.

21. Set 8000 psi CBP at~7370'.

22. ND Frac Valves, NU and Test BOPs.

23. TIH with 3 7/8" bit, pump off sub, SN and tubing.

24. Drill plugs and clean out to cement at ~**9460'**. Do not drill out cement and plug over Castlegate perfs. Shear off bit and land tubing at ±**8858**' unless indicated otherwise by the well's behavior. ND BOPs and NU wellhead.

25. Clean out well with foam and/or swabbing unit until steady flow has been established from completion.

26. Leave surface casing valve open. Monitor and report any flow from surface casing. RDMO

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For design questions, please call
Zachary Garrity, Denver, CO
(720)-929-6180 (Office)
(406)-781-6427 (Cell)

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

NOTES:
TIGHT SPACING ON STAGES 2 & 3; OVERFLUSH BY 5 BBLS

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

Total Stages	7	stages
Last Stage Flush	4,844	gals

Service Company Supplied Chemicals - Job Totals

Friction Reducer	144	gals @	0.5	GPT
Surfactant	288	gals @	1.0	GPT
Clay Stabilizer	288	gals @	1.0	GPT
15% Hcl	1750	gals @	250	gal/stg
Iron Control for acid	9	gals @	5.0	GPT of acid
Surfactant for acid	2	gals @	1.0	GPT of acid
Corrosion Inhibitor for acid	4	gals @	2.0	GPT of acid

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

Scale Inhibitor	710	gals pumped per schedule above		
Biocide	144	gals @	0.5	GPT

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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 BBLS 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 BBLS 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 BBLS 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

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Key Contact information

Completion Engineer

Jared Klostermann: 307-259-8366, 720-929-6541

Production Engineer

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

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

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Name CIGE 240
Perforation and CBP Summary

Stage	Zones	Perforations Top, ft	Perforations Bottom, ft	SPF	Holes		Fracture Coverage		
1	MESAVERDE	9186	9187	4	4		9153.5	to	9196.5
	MESAVERDE	9234	9235	4	4		9225	to	9258
	MESAVERDE	9253	9254	4	4		9261.5	to	9299.5
	MESAVERDE	9267	9268	4	4		9368	to	9398
	MESAVERDE	9282	9283	4	4				
	MESAVERDE	9385	9386	4	4				
	# of Perfs/stage				24		CBP DEPTH	9,134	
2	MESAVERDE	8888	8889	4	4		8873	to	8892
	MESAVERDE	8969	8970	4	4		8948	to	8973
	MESAVERDE	9100	9104	4	16		9084	to	9114.5
	# of Perfs/stage				24		CBP DEPTH	8,862	
3	MESAVERDE	8689	8690	3	3		8683	to	8741
	MESAVERDE	8708	8709	3	3		8746	to	8755.5
	MESAVERDE	8748	8750	3	6		8784.5	to	8798
	MESAVERDE	8793	8795	3	6		8812.5	to	8844.5
	MESAVERDE	8830	8832	3	6				
	# of Perfs/stage				24		CBP DEPTH	8,674	
4	MESAVERDE	8550	8551	4	4		8536	to	8555
	MESAVERDE	8614	8617	4	12		8591	to	8619.5
	MESAVERDE	8642	8644	4	8		8638.5	to	8651
	# of Perfs/stage				24		CBP DEPTH	8,384	
5	MESAVERDE	8150	8152	3	6		8145.5	to	8169
	MESAVERDE	8241	8243	3	6		8209.5	to	8245
	MESAVERDE	8279	8280	3	3		8266.5	to	8298
	MESAVERDE	8289	8290	3	3		8319	to	8369
	MESAVERDE	8352	8354	3	6				
	# of Perfs/stage				24		CBP DEPTH	8,036	
6	MESAVERDE	7928	7930	3	6		7920	to	7932
	MESAVERDE	7965	7969	3	12		7945	to	7974
	MESAVERDE	8004	8006	3	6		8001.5	to	8010.5
	# of Perfs/stage				24		CBP DEPTH	7,708	
7	MESAVERDE	7420	7421	3	3		7418	to	7424.5
	MESAVERDE	7464	7465	3	3		7452	to	7477
	MESAVERDE	7501	7502	3	3		7544.5	to	7556
	MESAVERDE	7552	7553	3	3		7557	to	7619
	MESAVERDE	7570	7573	3	9		7669.5	to	7681.5
	MESAVERDE	7677	7678	3	3				
	# of Perfs/stage				24		CBP DEPTH	7,370	
	Totals				168				

RECEIVED Apr. 25, 2011

Fracturing Schedules

Name CIGE 240

Slickwater Frac

Copy to new book

Recomplete?	N
Pad?	Y
ACTS?	Y

Swabbing Days	0	Enter Number of swabbing days here for recompletes
Production Log	0	Enter 1 if running a Production Log
DFIT	0	Enter Number of DFITs

Stage	Zone	Md-Ft of Pay	Perfs Top, ft.	Perfs Bot., ft	SPF	Holes	Rate BPM	Fluid Type	Initial ppg	Final ppg	Fluid	Volume gals	Cum Vol gals	Volume BBLs	Cum Vol BBLs	Fluid % of frac	Sand % of frac	Sand lbs	Cum. Sand lbs	Footage from CBP to Flush	Scale Inhib., gal.
1	MESAVERDE	0.144	9186	9187	4	4	Varied	Pump-in test			Slickwater		0	0	0						
	MESAVERDE	0.395	9234	9235	4	4	0	ISIP and 5 min ISIP													59
	MESAVERDE	0.268	9253	9254	4	4	50	Slickwater Pad			Slickwater	5,862	5,862	140	140	15.0%	0.0%	0	0		18
	MESAVERDE	0.221	9267	9268	4	4	50	Slickwater Ramp	0.25	0.63	Slickwater	11,074	16,936	264	403	28.3%	21.9%	4,845	4,845		33
	MESAVERDE	0.00	9282	9283	4	4	50	SW Sweep	0	0	Slickwater	0	16,936	0	403		0.0%	0	4,845		0
	MESAVERDE	0.00	9385	9386	4	4	50	Slickwater Ramp	0.625	0.75	Slickwater	11,074	28,009	264	667	28.3%	34.4%	7,613	12,458		0
	MESAVERDE	0.00					50	SW Sweep	0	0	Slickwater	0	28,009	0	667		0.0%	0	12,458		0
	MESAVERDE	0.00					50	Slickwater Ramp	0.25	0.75	Slickwater	0	28,009	0	667		0.0%	0	12,458		0
	MESAVERDE	0.00					50	Slickwater Ramp	0.75	1	Slickwater	11,074	39,083	264	931	28.3%	43.8%	9,689	22,147		0
	MESAVERDE	0.00					50	Flush (4-1/2)				5,997	45,080	143	1,073				22,147		59
	MESAVERDE	0.00						ISDP and 5 min ISDP					45,080								170
	MESAVERDE	0.00																			
	MESAVERDE	0.00																			
	MESAVERDE	0.00									Sand laden Volume		39,083								
		1.03		# of Perfs/stage		24											gal/md-ft	38,000	12,113	lbs sand/md-ft	
							21.5	<< Above pump time (min)							Flush depth	9186		CBP depth	9,134	52	
2	MESAVERDE	0.106	8888	8889	4	4	Varied	Pump-in test			Slickwater		0	0	0						
	MESAVERDE	0.079	8969	8970	4	4	0	ISIP and 5 min ISIP													
	MESAVERDE	0.146	9100	9104	4	16	50	Slickwater Pad			Slickwater	2,881	2,881	69	69	15.0%	0.0%	0	0		9
	MESAVERDE	0.00					50	Slickwater Ramp	0.25	0.63	Slickwater	5,441	8,322	130	198	28.3%	21.9%	2,380	2,380		16
	MESAVERDE	0.00					50	SW Sweep	0	0	Slickwater	0	8,322	0	198		0.0%	0	2,380		0
	MESAVERDE	0.00					50	Slickwater Ramp	0.625	0.75	Slickwater	5,441	13,763	130	328	28.3%	34.4%	3,741	6,121		0
	MESAVERDE	0.00					50	SW Sweep	0	0	Slickwater	0	13,763	0	328		0.0%	0	6,121		0
	MESAVERDE	0.00					50	Slickwater Ramp	0.25	0.75	Slickwater	0	13,763	0	328		0.0%	0	6,121		0
	MESAVERDE	0.00					50	Slickwater Ramp	0.75	1	Slickwater	5,441	19,204	130	457	28.3%	43.8%	4,761	10,882		0
	MESAVERDE	0.00					50	Flush (4-1/2)				5,802	25,006	138	595				10,882		58
	MESAVERDE	0.00						ISDP and 5 min ISDP					25,006								83
	MESAVERDE	0.00																			
	MESAVERDE	0.00																			
	MESAVERDE	0.00									Sand laden Volume		19,204								
		0.33		# of Perfs/stage		24											gal/md-ft	58,000	32,867	lbs sand/md-ft	
							11.9	<< Above pump time (min)							Flush depth	8888		CBP depth	8,862	26	
3	MESAVERDE	0.507	8689	8690	3	3	Varied	Pump-in test			Slickwater		0	0	0						
	MESAVERDE	0.219	8708	8709	3	3	0	ISIP and 5 min ISIP													
	MESAVERDE	0.556	8748	8750	3	6	50	Slickwater Pad			Slickwater	10,946	10,946	261	261	15.0%	0.0%	0	0		33
	MESAVERDE	0.637	8793	8795	3	6	50	Slickwater Ramp	0.25	0.63	Slickwater	20,675	31,621	492	753	28.3%	21.1%	9,045	9,045		62
	MESAVERDE	0.00	8830	8832	3	6	50	SW Sweep	0	0	Slickwater	0	31,621	0	753		0.0%	0	9,045		0
	MESAVERDE	0.00					50	Slickwater Ramp	0.625	0.75	Slickwater	20,675	52,296	492	1,245	28.3%	33.2%	14,214	23,260		0
	MESAVERDE	0.00					50	SW Sweep	0	0	Slickwater	5,250	57,546	125	1,370		0.0%	0	23,260		0
	MESAVERDE	0.00					50	Slickwater Ramp	0.25	0.75	Slickwater	3,000	60,546	71	1,442		3.5%	1,500	24,760		0
	MESAVERDE	0.00					50	Slickwater Ramp	0.75	1	Slickwater	20,675	81,221	492	1,934	28.3%	42.2%	18,091	42,850		0
	MESAVERDE	0.00					50	Flush (4-1/2)				5,672	86,894	135	2,069				42,850		56
	MESAVERDE	0.00						ISDP and 5 min ISDP					86,894								151
	MESAVERDE	0.00																			
	MESAVERDE	0.00																			
	MESAVERDE	0.00									Sand laden Volume		72,971								
		1.92		# of Perfs/stage		24											gal/md-ft	38,000	22,314	lbs sand/md-ft	
							41.4	<< Above pump time (min)							Flush depth	8689		CBP depth	8,674	15	
4	MESAVERDE	0.043	8550	8551	4	4	Varied	Pump-in test			Slickwater		0	0	0						
	MESAVERDE	0.455	8614	8617	4	12	0	ISIP and 5 min ISIP													
	MESAVERDE	0.226	8642	8644	4	8	50	Slickwater Pad			Slickwater	4,125	4,125	98	98	15.0%	0.0%	0	0		12
	MESAVERDE	0.00					50	Slickwater Ramp	0.25	0.63	Slickwater	7,791	11,915	185	284	28.3%	21.9%	3,408	3,408		23
	MESAVERDE	0.00					50	SW Sweep	0	0	Slickwater	0	11,915	0	284		0.0%	0	3,408		0
	MESAVERDE	0.00					50	Slickwater Ramp	0.625	0.75	Slickwater	7,791	19,706	185	469	28.3%	34.4%	5,356	8,765		0
	MESAVERDE	0.00					50	SW Sweep	0	0	Slickwater	0	19,706	0	469		0.0%	0	8,765		0
	MESAVERDE	0.00					50	Slickwater Ramp	0.25	0.75	Slickwater	0	19,706	0	469		0.0%	0	8,765		0
	MESAVERDE	0.00					50	Slickwater Ramp	0.75	1	Slickwater	7,791	27,497	185	655	28.3%	43.8%	6,817	15,582		0
	MESAVERDE	0.00					50	Flush (4-1/2)				5,581	33,078	133	788				15,582		55
	MESAVERDE	0.00						ISDP and 5 min ISDP					33,078								90
	MESAVERDE	0.00																			
	MESAVERDE	0.00																			
	MESAVERDE	0.00									Sand laden Volume		27,497								
		0.72		# of Perfs/stage		24											gal/md-ft	38,000	21,533	lbs sand/md-ft	
							15.8	<< Above pump time (min)							Flush depth	8550		CBP depth	8,384	166	

Fracturing Schedules

Name CIGE 240

Slickwater Frac

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Recomplete?	N
Pad?	Y
ACTS?	Y

Swabbing Days	0	Enter Number of swabbing days here for recompletes
Production Log	0	Enter 1 if running a Production Log
DFIT	0	Enter Number of DFITs

Stage	Zone	Md-Ft of Pay	Perfs Top, ft.	Perfs Bot., ft	SPF	Holes	Rate BPM	Fluid Type	Initial ppg	Final ppg	Fluid	Volume gals	Cum Vol gals	Volume BBLs	Cum Vol BBLs	Fluid % of frac	Sand % of frac	Sand lbs	Cum. Sand lbs	Footage from CBP to Flush	Scale Inhib., gal.
5	MESAVERDE	0.068	8150	8152	3	6	Varied	Pump-in test			Slickwater		0	0	0						
	MESAVERDE	0.084	8241	8243	3	6	0	ISIP and 5 min ISIP													
	MESAVERDE	0.086	8279	8280	3	3	50	Slickwater Pad			Slickwater	2,962	2,962	71	71	15.0%	0.0%	0	0		9
	MESAVERDE	0.092	8289	8290	3	3	50	Slickwater Ramp	0.25	0.63	Slickwater	5,595	8,557	133	204	28.3%	21.9%	2,448	2,448		17
	MESAVERDE	0.00	8352	8354	3	6	50	SW Sweep	0	0	Slickwater	0	8,557	0	204		0.0%	0	2,448		0
	MESAVERDE	0.00					50	Slickwater Ramp	0.625	0.75	Slickwater	5,595	14,151	133	337	28.3%	34.4%	3,846	6,294		0
	MESAVERDE	0.00					50	SW Sweep	0	0	Slickwater	0	14,151	0	337		0.0%	0	6,294		0
	MESAVERDE	0.00					50	Slickwater Ramp	0.25	0.75	Slickwater	0	14,151	0	337		0.0%	0	6,294		0
	MESAVERDE	0.00					50	Slickwater Ramp	0.75	1	Slickwater	5,595	19,746	133	470	28.3%	43.8%	4,895	11,189		0
	MESAVERDE	0.00					50	Flush (4-1/2)				5,320	25,066	127	597				11,189		52
	MESAVERDE	0.00						ISDP and 5 min ISDP					25,066								78
	MESAVERDE	0.00																			
	MESAVERDE	0.00																			
	MESAVERDE	0.00									Sand laden Volume		19,746								
		0.33		**# of Perfs/stage**		**24**									**Flush depth**	**8150**	**gal/md-ft**	**60,000**	**34,000**	**lbs sand/md-ft**	
							11.9	<< Above pump time (min)										**CBP depth**	**8,036**	**114**	
6	MESAVERDE	0.073	7928	7930	3	6	Varied	Pump-in test			Slickwater		0	0	0						
	MESAVERDE	0.130	7965	7969	3	12	0	ISIP and 5 min ISIP													
	MESAVERDE	0.036	8004	8006	3	6	50	Slickwater Pad			Slickwater	2,974	2,974	71	71	15.0%	0.0%	0	0		9
	MESAVERDE	0.00					50	Slickwater Ramp	0.25	0.63	Slickwater	5,618	8,592	134	205	28.3%	21.9%	2,458	2,458		17
	MESAVERDE	0.00					50	SW Sweep	0	0	Slickwater	0	8,592	0	205		0.0%	0	2,458		0
	MESAVERDE	0.00					50	Slickwater Ramp	0.625	0.75	Slickwater	5,618	14,211	134	338	28.3%	34.4%	3,862	6,320		0
	MESAVERDE	0.00					50	SW Sweep	0	0	Slickwater	0	14,211	0	338		0.0%	0	6,320		0
	MESAVERDE	0.00					50	Slickwater Ramp	0.25	0.75	Slickwater	0	14,211	0	338		0.0%	0	6,320		0
	MESAVERDE	0.00					50	Slickwater Ramp	0.75	1	Slickwater	5,618	19,829	134	472	28.3%	43.8%	4,916	11,236		0
	MESAVERDE	0.00					50	Flush (4-1/2)				5,175	25,004	123	595				11,236		50
	MESAVERDE	0.00						ISDP and 5 min ISDP					25,004								76
	MESAVERDE	0.00																			
	MESAVERDE	0.00																			
	MESAVERDE	0.00									Sand laden Volume		19,829								
		0.24		**# of Perfs/stage**		**24**									**Flush depth**	**7928**	**gal/md-ft**	**83,000**	**47,033**	**lbs sand/md-ft**	
							11.9											**CBP depth**	**7,708**	**220**	
7	MESAVERDE	0.064	7420	7421	3	3	Varied	Pump-in test			Slickwater		0	0	0						
	MESAVERDE	0.064	7464	7465	3	3	0	ISIP and 5 min ISIP													
	MESAVERDE	0.034	7501	7502	3	3	50	Slickwater Pad			Slickwater	7,194	7,194	171	171	15.0%	0.0%	0	0		22
	MESAVERDE	1.025	7552	7553	3	3	50	Slickwater Ramp	0.25	0.63	Slickwater	13,589	20,783	324	495	28.3%	21.9%	5,945	5,945		41
	MESAVERDE	0.075	7570	7573	3	9	50	SW Sweep	0	0	Slickwater	0	20,783	0	495		0.0%	0	5,945		0
	MESAVERDE	0.00	7677	7678	3	3	50	Slickwater Ramp	0.625	0.75	Slickwater	13,589	34,371	324	818	28.3%	34.4%	9,342	15,287		0
	MESAVERDE	0.00					50	SW Sweep	0	0	Slickwater	0	34,371	0	818		0.0%	0	15,287		0
	MESAVERDE	0.00					50	Slickwater Ramp	0.25	0.75	Slickwater	0	34,371	0	818		0.0%	0	15,287		0
	MESAVERDE	0.00					50	Slickwater Ramp	0.75	1	Slickwater	13,589	47,960	324	1,142	28.3%	43.8%	11,890	27,177		0
	MESAVERDE	0.00					50	Flush (4-1/2)				4,844	52,804	115	1,257				27,177		0
	MESAVERDE	0.00						ISDP and 5 min ISDP					52,804								62
	MESAVERDE	0.00																			
	MESAVERDE	0.00																			
	MESAVERDE	0.00									Sand laden Volume		47,960								
		1.26		**# of Perfs/stage**		**24**									**Flush depth**	**7420**	**gal/md-ft**	**38,000**	**21,533**	**lbs sand/md-ft**	
							25.1											**CBP depth**	**7,370**	**50**	
	Totals	**5.83**				**168**						**Total Fluid**	**292,931**	**gals**	**6,975**	**bbls**		**Total Sand**	**141,064**		
													6,975	**bbls**							
							2.3								**15.5**	**tanks**				**Total Scale Inhib. =**	**710**

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TRUE Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	CLOSURE Direction Deg	Dogleg Severity Deg/100
0	0	0	0	0	0	0	0	0	0
100	0.25	206.75	100	-0.19	-0.1	-0.19	0.22	206.75	0.25
200	0.25	162.86	200	-0.6	-0.13	-0.6	0.61	192.45	0.19
300	0.25	181.49	300	-1.02	-0.07	-1.02	1.03	184.1	0.08
400	0.25	116.6	400	-1.34	0.12	-1.34	1.35	175.06	0.27
500	0.25	277.7	500	-1.41	0.09	-1.41	1.41	176.15	0.49
600	0.5	297.81	599.99	-1.18	-0.51	-1.18	1.28	203.33	0.28
700	0.5	329.91	699.99	-0.6	-1.11	-0.6	1.26	241.85	0.28
800	0.5	335.02	799.99	0.18	-1.52	0.18	1.53	276.7	0.04
900	1	349.12	899.98	1.43	-1.86	1.43	2.35	307.5	0.53
1000	1	356.23	999.96	3.16	-2.09	3.16	3.78	326.55	0.12
1100	1.5	13.33	1099.94	5.3	-1.84	5.3	5.61	340.85	0.62
1200	1.25	15.44	1199.91	7.63	-1.25	7.63	7.73	350.7	0.26
1300	1	35.55	1299.89	9.39	-0.45	9.39	9.4	357.25	0.46
1400	0.5	49.7	1399.88	10.38	0.39	10.38	10.39	2.14	0.53
1500	0.75	56.86	1499.88	11.02	1.27	11.02	11.09	6.57	0.26
1600	0.75	48.01	1599.87	11.82	2.3	11.82	12.04	11.03	0.12
1700	0.75	336.17	1699.86	12.85	2.53	12.85	13.1	11.12	0.88
1800	1	320.32	1799.85	14.12	1.7	14.12	14.23	6.88	0.35
1900	1.25	289.49	1899.83	15.16	0.12	15.16	15.16	0.45	0.64
2000	1.25	271.64	1999.81	15.55	-2	15.55	15.68	352.67	0.39
2100	0.75	249.79	2099.79	15.36	-3.7	15.36	15.8	346.44	0.62
2200	0.75	217.95	2199.78	14.62	-4.72	14.62	15.36	342.1	0.41
2300	0.75	211.88	2299.78	13.55	-5.47	13.55	14.61	338.01	0.08
2400	0.75	221.04	2399.77	12.5	-6.24	12.5	13.97	333.45	0.12
2500	1.25	202.19	2499.75	10.99	-7.09	10.99	13.08	327.19	0.59
2600	1.25	172.34	2599.73	8.9	-7.35	8.9	11.55	320.44	0.64
2700	1.5	193.49	2699.7	6.55	-7.51	6.55	9.97	311.07	0.56
2800	1.5	174.65	2799.67	3.97	-7.7	3.97	8.66	297.3	0.49
2900	1.75	190.8	2899.63	1.17	-7.86	1.17	7.95	278.46	0.52
3000	1.75	189.96	2999.58	-1.84	-8.41	-1.84	8.61	257.69	0.03
3200	2	192.27	3199.47	-8.25	-9.68	-8.25	12.72	229.55	0.13
3400	2	201.42	3399.35	-14.91	-11.7	-14.91	18.95	218.11	0.16
3600	1.75	202.48	3599.25	-20.98	-14.14	-20.98	25.3	213.97	0.13
3800	1.75	190.59	3799.15	-26.81	-15.87	-26.81	31.15	210.62	0.18
4000	2	192.64	3999.05	-33.21	-17.19	-33.21	37.4	207.37	0.13
4200	2.75	202.69	4198.87	-41.05	-19.81	-41.05	45.58	205.76	0.43
4400	2.75	199.8	4398.64	-49.99	-23.28	-49.99	55.14	204.98	0.07
4600	2.5	184.86	4598.44	-58.85	-25.28	-58.85	64.05	203.25	0.36
4800	2.25	183.92	4798.26	-67.11	-25.92	-67.11	71.94	201.11	0.13
5000	2.25	186.25	4998.11	-74.93	-26.61	-74.93	79.52	199.55	0.05
5200	1.75	192.32	5197.99	-81.82	-27.69	-81.82	86.37	198.7	0.27
5400	2.25	184.36	5397.87	-88.71	-28.64	-88.71	93.22	197.89	0.29
5600	2.75	173.46	5597.68	-97.4	-28.39	-97.4	101.45	196.25	0.34
5800	3	155.53	5797.43	-106.93	-25.68	-106.93	109.97	193.5	0.46
6000	3.25	157.58	5997.13	-116.93	-21.35	-116.93	118.86	190.35	0.14
6200	2.5	172.69	6196.88	-126.5	-18.63	-126.5	127.86	188.38	0.53
6400	2.25	176.75	6396.71	-134.74	-17.85	-134.74	135.92	187.55	0.15
6600	2.25	171.81	6596.55	-142.55	-17.07	-142.55	143.57	186.83	0.1
6800	2	176.42	6796.42	-149.92	-16.29	-149.92	150.8	186.2	0.15
7000	1.75	182.23	6996.31	-156.45	-16.2	-156.45	157.29	185.91	0.16
7200	2.25	178.03	7196.19	-163.43	-16.18	-163.43	164.23	185.65	0.26
7400	2.5	169.83	7396.02	-171.65	-15.27	-171.65	172.32	185.09	0.21
7600	3.75	154.43	7595.72	-181.84	-11.68	-181.84	182.21	183.68	0.75
7800	3.75	166.22	7795.29	-194.09	-7.3	-194.09	194.23	182.15	0.38
8000	3	161.05	7994.94	-205.39	-4.04	-205.39	205.43	181.13	0.4
8200	2.75	159.89	8194.69	-214.85	-0.69	-214.85	214.85	180.18	0.13
8400	2.25	154.71	8394.5	-222.9	2.63	-222.9	222.92	179.32	0.27
8600	2	154.52	8594.36	-229.6	5.81	-229.6	229.68	178.55	0.13
8800	1.5	165.32	8794.27	-235.29	7.98	-235.29	235.42	178.06	0.3
9000	1.75	151.13	8994.19	-240.49	10.11	-240.49	240.71	177.59	0.24
9200	1.5	131.95	9194.11	-244.92	13.54	-244.92	245.29	176.84	0.3
9400	1.5	116.56	9394.04	-247.84	17.82	-247.84	248.48	175.89	0.2
9600	1.75	104.18	9593.96	-249.76	23.13	-249.76	250.83	174.71	0.21
9800	1.75	119.79	9793.87	-252.02	28.74	-252.02	253.66	173.49	0.24
9900	1.5	120.39	9893.83	-253.44	31.19	-253.44	255.35	172.98	0.25

RECEIVED Apr. 25, 2011

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

April 14, 2011

CERTIFIED MAIL NO.: 7005 1820 0001 5562 9054

43 047 33207
CIGE 240
9S 22E 29

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

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

Dear Ms. Jacobson:

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

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

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

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114 -5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING

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

1. Reasons for SI/TA of the well (R649-3-36-1.1).

2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and

3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

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

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

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

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

Sincerely,

Dustin K. Doucet
Petroleum Engineer

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

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

ATTACHMENT A

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-22935

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: CIGE 240

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 43047332070000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779

PHONE NUMBER: 720 929-6515 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1411 FNL 2007 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 29 Township: 09.0S Range: 22.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 7/14/2011	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	✓ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	✓ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

THE OPERATOR HAS PERFORMED A RECOMPLETION ON THE SUBJECT WELL. THE OPERATOR HAS ABANDON THE EXISTING (LOWER MESAVERDE) BLACKHAWK AND CASTLEGATE FORMATIONS. THE OPERATOR HAS RECOMPLETED THE MESAVERDE FORMATION. THE SUBJECT WELL WAS PLACED ON PRODUCTION ON 07/14/2011 AT 10:30 AM. THE CHRONOLOGICAL WELL HISTORY WILL BE SUBMITTED WITH THE WELL COMPLETION REPORT.

Accepted by the Utah Division of Oil, Gas and Mining

FOR RECORD ONLY

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Sheila Wopsock	435 781-7024	Regulatory Analyst
SIGNATURE N/A		**DATE** 7/15/2011

RECEIVED Jul. 15, 2011

KERR-MCGEE OIL & GAS ONSHORE LP

1099 18TH STREET, SUITE 1800 • DENVER, COLORADO 80202
720-929-6000

KerrMcGee

May 12, 2011

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

Dear Mr. ~~Doucet~~ Dustin:

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

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

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

Sincerely,

Julie A. Jacobson
Regulatory Affairs Supervisor

Attachment

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

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

Anadarko Response to UDOGM Letter of April 14, 2011

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

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

AMENDED REPORT ☐ (highlight changes) FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: ML 22935

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ DRY ☐ OTHER

7. UNIT or CA AGREEMENT NAME: UTU63047A

b. TYPE OF WORK: NEW WELL ☐ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☑ OTHER RECOMPLTN

8. WELL NAME and NUMBER: CIGE 240

2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 4304733207

3. ADDRESS OF OPERATOR: P.O.BOX 173779 CITY DENVER STATE CO ZIP 80217

PHONE NUMBER: (720) 929-6100

10 FIELD AND POOL, OR WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: NENW 1411 FNL 2007 FWL S29,T9S,R22E
AT TOP PRODUCING INTERVAL REPORTED BELOW:
AT TOTAL DEPTH:

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 29 9S 22E S

12. COUNTY: UINTAH

13. STATE: UTAH

14. DATE SPUDDED: 10/11/1999

15. DATE T.D. REACHED: 12/12/1999

16. DATE COMPLETED: 7/14/2011 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 4926 GL

18. TOTAL DEPTH: MD 10,488 TVD

19. PLUG BACK T.D.: MD 10,440 TVD

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
CBL/CCL/GR

23.
WAS WELL CORED? NO ☑ YES ☐ (Submit analysis)
WAS DST RUN? NO ☑ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☑ YES ☐ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20"??	14" STL	36.7#		40		28			
12 1/4"	8 5/8" IJ-55	24#		290		160		0	
7 "	4 1/2" I-80	11.6#		4,458		150			
						100			
7"	4 1/2"	11.6#		10,464		900			

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	8,850							

26. PRODUCING INTERVALS / 27. PERFORATION RECORD

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) MESAVERDE	7,420	9,386			7,420 9,386	0.36	168	Open ☑ Squeezed ☐
(B)								Open ☐ Squeezed ☐
(C)								Open ☐ Squeezed ☐
(D)								Open ☐ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
7420 - 9386	PUMP 7,988 BBLS SLICK H2O & 141,174 LBS SAND

29. ENCLOSED ATTACHMENTS:
☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS: PROD

RECEIVED
AUG 29 2011
DIV. OF OIL, GAS & MINING

(5/2000) (CONTINUED ON BACK)

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
7/14/2011		7/17/2011		24			0	2,545	448	FLOWING
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
20/64	1,850	2,550					0	2,545	448	PROD

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
GREEN RIVER	1,438				
BIRD'S NEST	1,743				
MAHOGANY	2,240				
WASATCH	4,685	7,260			
MESAVERDE	7,260	10,488	TD		

35. ADDITIONAL REMARKS (Include plugging procedure)

2 CIBP's were set; 1 @ 9850' with a 65' cement plug on top and 1 @ 9600' with a 65' cement plug on top isolating the Lower Mesaverde formation. Attached is the chronological recompletion history and the perforation report for the new perfs.

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

NAME (PLEASE PRINT) GINA BECKER TITLE REGULATORY ANALYST

SIGNATURE [signature] DATE 8-25-11

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

US ROCKIES REGION

Operation Summary Report

Well: CIGE 240	Spud Date:	
Project: UTAH-UINTAH	Site: NBU 922-29F PAD	Rig Name No: MILES 3/3, ROCKY MOUNTAIN WELL SERVICE 3/3
Event: RECOMPL/RESEREVEADD	Start Date: 6/21/2011	End Date: 7/14/2011
Active Datum: RKB @0.00ft (above Mean Sea Level)	UWI: CIGE 240	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
6/21/2011	7:00 -		REE	30	A	P		7AM [DAY 1] JSA--ROADING RIG, R/U RIG, PINCH POINTS. ROAD RIG FROM NBU 920-13G TO CIGE 240. DIG UP AROUND WELL HEAD. INSTALL CELLAR RING AND PREP PAD FOR RIG. MIRU, SPOT EQUIP. CALL FOR FISHING & WELL HEAD PARTS NEEDED. 3PM SDFN. PREP TO N/U W.H. IN AM.
6/22/2011	7:00 - 18:30	11.50	REE	30		P		7AM [DAY 2] JSA-- SETTING SLIPS IN 7" & 4-1/2" CSG, PULLING TENSION ON CSG, UNENVOLVED-STAY CLEAR, PINCH POINTS, OVERHEAD WEIGHT. MIRU WTFRD FOAM UNIT. P/U RBS GRAPPLE FOR 7" x 23# CASING. SPEAR IN TO 7" CSG. P/U WITH 80,000# TENSION AND SET SLIPS. CUT & TRIM CSG TO FIT. N/U WTFRD CSG HEAD SPOOL. R/U SWVL. P/U RBS STRING MILL FOR 4-1/2" CSG & DRESS UP TOP OF EGGED 4-1/2" CSG. L/D STRING MILL & R/D SWVL. P/U RBS GRAPPLE FOR 4-1/2" CSG, SPEAR IN CSG, PULL 90, 000#. DID NOT GET ENOUGH STRETCH TO GET PROPER LENGTH TO INSTALL TBG HEAD. L/D RBS TOOLS. CALL FOR CSG CREW, CUTTERS FOR STRING SHOT & 1 JT CSG. RIH W/ 4-1/2" O.S. & GRAPPLE. LATCH ON TO CSG, MIRU CUTTERS & WTFRD CSG CREW. RIH W/ STRING SHOT TO 24' @ CSG COLLAR & SET OFF 3 X. BACK OFF 1/2 JT CSG AND L/D. P/U NEW JT OF CSG. RIH & SCREW INTO EXISTING CSG. TOURQE UP TO 3000#. RDMO CUTTERS & WTFRD CASING CREW. CUT & TRIM CSG TO DESIRED LENGTH. FINISH N/U TBG HEAD. TEST WELL HEAD TO WTFRD SPECS. NUBOP, R/U FLOOR & TBG EQUIPMENT. 6:30 PM SWI-SDFN.

US ROCKIES REGION

Operation Summary Report

Well: CIGE 240	Spud Date:	
Project: UTAH-UINTAH	Site: NBU 922-29F PAD	Rig Name No: MILES 3/3, ROCKY MOUNTAIN WELL SERVICE 3/3
Event: RECOMPL/RESEREVEADD	Start Date: 6/21/2011	End Date: 7/14/2011
Active Datum: RKB @0.00ft (above Mean Sea Level)	UWI: CIGE 240	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
6/23/2011	7:00 -		REE	30		P		7AM [DAY 3] JSA-- P/U TBG, FOAM UNIT, PWR SWVL, PSI. P/U 3-7/8" SEALED BRG BIT, POBS W/ XN NIPPLE, NEW 2-3/8" L-80 TBG & RIH. [SLM & DRIFTED] TAG CMT @ 4535'. R/U SWVL & RIG PUMP. ESTABLISH CIRCULATION. P.T. BOP TO 3000#. 0# LOSS IN 15 MIN. DRILL & C/O 190' CMT TO 4725'. FELL THROUGH. RIH, TAG CBP @ 9090'. D/O CBP IN 5 MIN. 250# INC .WELL DIED IN 15 MINUTES. RIH TO FISH TOP @ 9984'. POOH STDG BACK TBG. EOT @ 8740'. WELL VENTING GAS. RDMO WTFRD FOAM--/--NITROGEN UNIT. 5 PM SWI-SDFN.
6/24/2011	7:00 -		COMP	30		P		7AM [DAY 4] JSA-- POOH W/ TBG, WATER PSI, PMP CMT, W.L. WORK. SICP=1400#. BLEW WELL DN IN 20 MIN. KILL WELL W/ 50 BBLS TMAC. EOT @ 8740'. POOH STDG BACK TBG. WELL STARTED FLOWING W/ 23 STANDS LEFT IN HOLE. [WATER DRIVE] KILL WELL AGAIN W/ 50 BBLS TMAC. FINISH POOH STDG BACK TBG. L/D BIT, POBS W/ XN. MIRU C.H.S. & HALLIBURTON PMP TRUCKS. RIH W/ 4-1/2" X 10K CIBP & SET @ 9850'. POOH & L/D W.L. TOOLS. RD C.H.S. R/U C.H.S. ON NBU 922-29F3BS PAD WELL TO START COMPLETION WORK. RIH W/ 1 JT, S.N. & 2-3/8" N-80 TBG. EOT @ 9840'. ESTABLISH CIRC W/ HLBRTN. MIX, PUMP & DISPLACE A 65' CMT PLUG ABOVE CIBP. CLASS 'G', 1.15 YEILD, 15.8#. PUH ABOVE TOC @ 9650' AND REVERSE CIRCULATE W/ 50 BBLS TMAC. PUH W/ EOT @ 8970'. 7PM SDF-WE. PREP TO PMP 2ND CMT PLUG ON MONDAY.

US ROCKIES REGION

Operation Summary Report

Well: CIGE 240	Spud Date:	
Project: UTAH-UINTAH	Site: NBU 922-29F PAD	Rig Name No: MILES 3/3, ROCKY MOUNTAIN WELL SERVICE 3/3
Event: RECOMPL/RESEREVEADD	Start Date: 6/21/2011	End Date: 7/14/2011
Active Datum: RKB @0.00ft (above Mean Sea Level)	UWI: CIGE 240	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
6/27/2011	7:00 - 8:30	1.50	COMP	30		P		7AM [DAY 5] JSA--POOH W/ TBG, PMPG CMT, L/D TBG, R/D RIG. WE-SITP=1750#, WE-SICP=1750#. [CASTLEGATE PERFS] BLEW WELL DN IN 5 MINUTES. KILL WELL W/ 30 BBLS TMAC. POOH STDG BACK TBG. L/D BHA. P/U HLBRTN CIBP & TOOLS & RIH ON TBG. SET CIBP @ 9600'. SHEAR OFF PLUG, PUH W/ EOT @ 9590'. MIRU HLBRTN PMP TRUCK. ESTB CIRC. MIX, PUMP, & DISPLACE A 65' CMT PLUG. TOC @ 9525+-. CLASS G CMT, 1.15 YEILD, 15.8# CMT. POOH & L/D 6 JTS. EOT @ 9400'. REVERSE CIRCULATE W/ 45 BBLS TMAC. POOH LAYING DOWN TBG ON TRAILER. L/D BHA. R/D FLOOR & TBG EQUIPMENT. NDBOP, NUFV. RDMO RIG & EQUIPMENT. 8:30 PM SHUT RIG DFN. MIRU B&C. P.T. FRAC VALVE & CSG TO 1000#, LOSS 31# IN 15 MIN. P.T. TO 3500#, LOSS 45# IN 15 MIN. & P.T. TO 7000#, LOSS 400# IN 5 MINUTES. TIGHTEN FLANGE., P.T. TO 7000#, LOST 61# IN 30 MIN. P.T. TO 7000#, LOST 36# IN 30 MINUTES. RDMO B&C QUICK TEST. PREP TO FRAC IN AM.
6/28/2011	7:00 - 7:01	0.02	COMP	48		P		HSM & JSA W/FRAC TECH & CASED HOLE SOLUATIONS
	8:10 - 9:20	1.17	COMP	37	B	P		WHP = 0 PSI. MIRU CASEDHOLE SOLUATIONS. 08:10 - OPEN WELL. WHP = 0 PSI. PERF STG 1) PU 3 1/8 EXP GUN, 23 GM, 0.36 HOLE SIZE, 90 DEG PHASING. RIH & PERF MV FORMATION AS PER PROCEDURE. POOH, X-OVER FOR FRAC CREW.
	16:25 - 16:57	0.53	COMP	36	E	P		MIRU FRAC TECH WELL SERVICE. PT SURFACE EQUIP. TO 9000 PSI. 16:25 OPEN WELL FRAC STG 1) WHP 258 PSI, BRK DWN 4.6 BPM @ 4742 PSI. ISIP 2948 PSI, FG 0.75, PMP 6 BBLS 15% HCL, PMP 120 BBLS 10/M SCALE INHIBITOR. PUMP 300 BBLS @ 49 BPM @ 6641 PSI, 22/24 PERFS OPEN = 92% MP 6653 PSI, MR 50.2 BPM, AP 5500 PSI, AR 49.5 BPM, ISIP 2778 PSI, FG 0.73, NPI (-170) PSI. PMP 1268 BBLS SW & 19,785 LBS OF 30/50 SND & 2,357 LBS OF 20/40 SLC SND. TOTAL PROP 22,142 LBS, SWI, 16:57 X-OVER FOR WL.
	16:57 - 18:10	1.22	COMP	37	B	P		PERF STG 2) PU 4 1/2 8K HAL CBP & 3 1/8 EXP GUN, 23 GM, 0.36 HOLE SIZE. 90 DEG PHASING. RIH SET CBP @ 9134', P/U & PERF MV FORMATION AS PER PROCEDURE. POOH, X-OVER FOR FRAC CREW. SWI - SDFN.
6/29/2011	6:45 - 7:00	0.25	COMP	48		P		HSM & JSA W/FRAC TECH & CASEDHOLE SOLUATIONS

US ROCKIES REGION

Operation Summary Report

Well: CIGE 240	Spud Date:	
Project: UTAH-UINTAH	Site: NBU 922-29F PAD	Rig Name No: MILES 3/3, ROCKY MOUNTAIN WELL SERVICE 3/3
Event: RECOMPL/RESEREVEADD	Start Date: 6/21/2011	End Date: 7/14/2011
Active Datum: RKB @0.00ft (above Mean Sea Level)	UWI: CIGE 240	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	9:09 - 9:30	0.35	COMP	36	E	P		09:09 OPEN WELL FRAC STG 2) WHP 2257 PSI, BRK DWN 4.7 BPM @ 5135 PSI. ISIP 2872 PSI, FG 0.75, PUMP 85 BBLS @ 22 BPM @ 6650 PSI, 7/24 PERFS OPEN = 25% - S/D - SPOT 4 BBLS ACID ON PERFS & ATTEMPT TO GET BETTER BREAKDOWN. 21 BPM @ 6454 PSI. 7/24 PERFS OPEN - 25%. - SD - CALL DNVR. WILL RE-SHOOT STG. (TOTAL BBLS PMPD 368).
	9:30 - 9:30	0.00	COMP	37	B	X		(((RE - PERF STG 2))) PU 4 1/2 8K HAL CBP & 3 1/8 EXP GUN, 23 GM, 0.36 HOLE SIZE. 90 DEG PHASING. RIH PERF MV F/8967' -69', 4 SPF, 8 HOLES, 8886' - 88', 4 SPF, 8 HOLES, 18 HOLES TOTAL. (BTM PERF FROM 9100' TO 9104', 16 HOLES - COVERED W/SND) POOH, X-OVER FOR FRAC CREW.
	11:40 - 12:02	0.37	COMP	36	E	P		11:40 OPEN WELL FRAC STG 2) WHP 2521 PSI, INJ TEST 47 BPM @ 6413 PSI. ISIP 2872 PSI, FG 0.78. 21/40 PERFS OPEN = 52% MP 6717 PSI, MR 52 BPM, AP 6300 PSI, AR 47.5 BPM, ISIP 3148 PSI, FG 0.78, NPI 276 PSI. PMP 1088 BBLS SW & 8,201 LBS OF 30/50 SND & 2,732 LBS OF 20/40 SLC SND. TOTAL PROP 10,933 LBS, SWI, 12:02 X-OVER FOR WL.
	12:02 - 13:10	1.13	COMP	37	B	P		PERF STG 3) PU 4 1/2 8K HAL CBP & 3 1/8 EXP GUN, 23 GM, 0.36 HOLE SIZE. 90 & 120 DEG PHASING. RIH SET CBP @ 8862', P/U & PERF MV FORMATION AS PER PROCEDURE. POOH, X-OVER FOR FRAC CREW.
	13:50 - 14:36	0.77	COMP	36	E	P		13:50 OPEN WELL FRAC STG 3) WHP 2063 PSI, BRK DWN 4.7 BPM @ 3687 PSI. ISIP 2409 PSI, FG 0.71. PUMP 275 BBLS @ 52.1 BPM @ 5434 PSI. 24/24 PERFS OPEN = 100% MP 6102 PSI, MR 52.3 BPM, AP 5150 PSI, AR 51.6 BPM, ISIP 2902 PSI, FG 0.76, NPI 493 PSI. PMP 2155 BBLS SW & 39,897 LBS OF 30/50 SND & 3,125 LBS OF 20/40 SLC SND. TOTAL PROP 43,022 LBS, SWI, 14:36 X-OVER FOR WL.
	14:36 - 14:36	0.00	COMP	37	B	P		PERF STG 4) PU 4 1/2 8K HAL CBP & 3 1/8 EXP GUN, 23 GM, 0.36 HOLE SIZE. 90 DEG PHASING. RIH SET CBP @ 8674', P/U & PERF MV FORMATION AS PER PROCEDURE. POOH, X-OVER FOR FRAC CREW. SWI - SDFN
6/30/2011	6:45 - 7:00	0.25	COMP	48		P		HSM & JSA W/FRAC TECH & CASEHOLE SOLUATIONS
	7:24 - 7:45	0.35	COMP	36	E	P		07:24 OPEN WELL FRAC STG 4) WHP 2040 PSI, BRK DWN 4.6 BPM @ 5416 PSI. ISIP 2433 PSI, FG 0.72. PUMP 115 BBLS @ 48.4 BPM @ 6483 PSI. 20/24 PERFS OPEN = 83% MP 6682 PSI, MR 51.4 BPM, AP 6075 PSI, AR 49.5 BPM, ISIP 2691 PSI, FG 0.75, NPI 258 PSI. PMP 837 BBLS SW & 13,020 LBS OF 30/50 SND & 2,615 LBS OF 20/40 SLC SND. TOTAL PROP 15,635 LBS, SWI, 07:45 X-OVER FOR WL.

US ROCKIES REGION

Operation Summary Report

Well: CIGE 240	Spud Date:	
Project: UTAH-UINTAH	Site: NBU 922-29F PAD	Rig Name No: MILES 3/3, ROCKY MOUNTAIN WELL SERVICE 3/3
Event: RECOMPL/RESEREVEADD	Start Date: 6/21/2011	End Date: 7/14/2011
Active Datum: RKB @0.00ft (above Mean Sea Level)	UWI: CIGE 240	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:45 - 8:45	1.00	COMP	37	B	P		PERF STG 5) PU 4 1/2 8K HAL CBP & 3 1/8 EXP GUN, 23 GM, 0.36 HOLE SIZE. 90 & 120 DEG PHASING. RIH SET CBP @ 8384', P/U & PERF MV FORMATION AS PER PROCEDURE. POOH, X-OVER FOR FRAC CREW.
	10:10 - 10:28	0.30	COMP	36	E	P		10:28 OPEN WELL FRAC STG 5) WHP 1530 PSI, BRK DWN 4.7 BPM @ 5240 PSI. ISIP 2567 PSI, FG 0.74. PUMP 90 BBLS @ 51.3 BPM @ 6026 PSI. 24/24 PERFS OPEN = 100% MP 6770 PSI, MR 52.3 BPM, AP 5150 PSI, AR 51.2 BPM, ISIP 2515 PSI, FG 0.74, NPI (-52) PSI. PMP 662 BBLS SW & 8,711 LBS OF 30/50 SND & 2,496 LBS OF 20/40 SLC SND. TOTAL PROP 11,207 LBS, SWI, 10:28 X-OVER FOR WL.
	10:28 - 10:28	0.00	COMP	37	B	P		PERF STG 6) PU 4 1/2 8K HAL CBP & 3 1/8 EXP GUN, 23 GM, 0.36 HOLE SIZE. 120 DEG PHASING. RIH SET CBP @ 8036', P/U & PERF MV FORMATION AS PER PROCEDURE. POOH, X-OVER FOR FRAC CREW.
	14:25 - 14:54	0.48	COMP	36	E	P		14:25 OPEN WELL FRAC STG 6) WHP 1530 PSI, BRK DWN 7.6 BPM @ 6084 PSI. ISIP 2966 PSI, FG 0.81. PUMP 80 BBLS @ 51 BPM @ 6647 PSI. 23/24 PERFS OPEN = 96% MP 6928 PSI, MR 52.2 BPM, AP 5380 PSI, AR 51 BPM, ISIP 2661 PSI, FG 0.77, NPI (-305) PSI. PMP 674 BBLS SW & 8,733 LBS OF 30/50 SND & 2,630 LBS OF 20/40 SLC SND. TOTAL PROP 11,363 LBS, SWI, 14:54 X-OVER FOR WL.
	14:54 - 15:55	1.02	COMP	37	B	P		PERF STG 7) PU 4 1/2 8K HAL CBP & 3 1/8 EXP GUN, 23 GM, 0.36 HOLE SIZE. 120 DEG PHASING. RIH SET CBP @ 7708', P/U & PERF MV FORMATION AS PER PROCEDURE. POOH, X-OVER FOR FRAC CREW. SWI - SDFN
7/1/2011	6:45 - 7:00	0.25	COMP	48		P		HSM & JSA W/FRAC TECH & CASEHOLE SOLUATIONS
	8:02 - 8:31	0.48	COMP	36	E	P		08:02 OPEN WELL FRAC STG 7) WHP 1940 PSI, BRK DWN 4.6 BPM @ 4959 PSI. ISIP 1682 PSI, FG 0.65. PUMP 180 BBLS @ 51.8 BPM @ 5152 PSI. 24/24 PERFS OPEN = 100% MP 5317 PSI, MR 53 BPM, AP 4600 PSI, AR 51.4 BPM, ISIP 2052 PSI, FG 0.70, NPI 370 PSI. PMP 1304 BBLS SW & 24,270 LBS OF 30/50 SND & 2,602 LBS OF 20/40 SLC SND. TOTAL PROP 26,872 LBS, SWI, 08:31 X-OVER FOR WL
	8:31 - 9:25	0.90	COMP	34	I	P		KILL PLG) PU 4 1/2 8K HALCO CBP, RIH SET CBP @ 7370'. POOH & LD TOOLS. SWI - RD CASEDHOLE SOLUATIONS & FRAC TECH. 09:35 SDFN. PREP WELL TO RIH W/BHA & D/O CBPs. 7,988 BBLS WATER 141,174 LBS SAND 777 GAL SCALE INHIBITOR 178 GAL BIOCIDE
7/13/2011	7:00 - 7:15	0.25	COMP	48		P		JSA- RD/RU. ND/NU. PU TBG.

US ROCKIES REGION

Operation Summary Report

Well: CIGE 240	Spud Date:	
Project: UTAH-UINTAH	Site: NBU 922-29F PAD	Rig Name No: MILES 3/3, ROCKY MOUNTAIN WELL SERVICE 3/3
Event: RECOMPL/RESEREVEADD	Start Date: 6/21/2011	End Date: 7/14/2011
Active Datum: RKB @0.00ft (above Mean Sea Level)	UWI: CIGE 240	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:15 - 9:30	2.25	COMP	30	A	P		RDSU. MOVE OVER FROM 29E3BS. RUSU. ND WH. NU BOP. RU FLOOR AND TBG EQUIP. SPOT TBG TRAILER.
	9:30 - 13:30	4.00	COMP	31	I	P		MU 3-7/8" BIT, POBS, AND 1.87" XN. RIH AS MEAS AND PU 2-3/8" L-80 TBG. TAG AT 7384' W/ 233-JTS IN. RU DRLG EQUIP. FILL TBG AND PRES TEST TO 3000. GOOD. EST CIRC AND START D/O PLUGS.
	13:30 - 16:00	2.50	COMP	44	C	P		#1- C/O 3' SAND TO CBP AT 7387'. D/O IN 8 MIN. 300# INC. FCP 0. RIH. #2- C/O 55' SAND TO CBP AT 7708'. D/O IN 5 MIN. 400# INC. FCP 0. RIH. #3- C/O 30' SAND TO CBP AT 8036'. D/O IN 5 MIN. 300# INC. FCP 0-100. RIH. #4- C/O 25' SAND TO CBP AT 8674'. D/O IN 4 MIN. 500# INC. FCP 100-500. CIRC AND FLOW CLEAN. SWIFN W/ 266-JTS IN. EOT AT 8426'.
7/14/2011	7:00 - 7:15	0.25	COMP	48		P		JSA- D/O PLUGS. LAND TBG. POBS.
	7:15 - 12:00	4.75	COMP	44	C	P		SITP 0, SICP . BWD TO PIT. EST CIRC AND CONT D/O PLUGS. #5- C/O 55' SAND TO CBP AT 8674'. D/O IN 3 MIN. 300# INC. FCP 500-800. RIH. #6- C/O 30' SAND TO CBP AT 8862'. D/O IN 5 MIN. 600# INC. FCP 800-1000. RIH. #7- C/O 30' SAND TO CBP AT 9134'. D/O IN 4 MIN. 600# INC. FCP 800-900. RIH. PBTD- C/O 50' SAND TO PBTD AT 9437' (51' RATHOLE) W/ 298-JTS IN. CIRC CLEAN. RD PWR SWIVEL. POOH AS LD 19-JTS TBG. PU 4" 10K HANGER. LUB IN AND LAND 279-JTS 2-3/8" L-80 TBG W/ EOT AT 8849.93'. RD FLOOR. ND BOP. NU WH. POBS AT 2800#. SITP-950. SICP-2350. SURFACE CSG OPEN. NO FLOW OR BLOW. HOOK UP TO HAL 9000 AND TURN OVER TO FBC AND SALES. RDSU AND MOVE OFF. TBG DETAIL KB 13.00 4" 10K HANGER .83 279-JTS L-80 8833.90 1.87" XN FE POBS 2.20 EOT 8849.93 331-JTS DELIVERED, 51-JTS RETURNED. (1-JT BAD) TWTR 7988 / TWR 2000 / LTR 5988
	10:30 - 10:30	0.00	PROD	50				WELL TURNED TO SALES @ 1030 HR ON 7/14/11 - 1650 MCFD, 1920 BWPD, CP 2350#, FTP 2100# CK 20/64"
7/15/2011	7:00 -			33	A			7 AM FLBK REPORT: CP 3125#, TP 2275#, 20/64" CK, 40 BWPH, HVY SAND, - GAS TTL BBLS RECOVERED: 3055 BBLS LEFT TO RECOVER: 4933
7/16/2011	7:00 -			33	A			7 AM FLBK REPORT: CP 2775#, TP 2025#, 20/64" CK, 30 BWPH, MED SAND, - GAS TTL BBLS RECOVERED: 3858 BBLS LEFT TO RECOVER: 4130
7/17/2011	7:00 -			33	A			7 AM FLBK REPORT: CP 2550#, TP 1850#, 20/64" CK, 24 BWPH, MED SAND, - GAS TTL BBLS RECOVERED: 4506 BBLS LEFT TO RECOVER: 3482

US ROCKIES REGION

Operation Summary Report

Well: CIGE 240	Spud Date:	
Project: UTAH-UINTAH	Site: NBU 922-29F PAD	Rig Name No: MILES 3/3, ROCKY MOUNTAIN WELL SERVICE 3/3
Event: RECOMPL/RESEREVEADD	Start Date: 6/21/2011	End Date: 7/14/2011
Active Datum: RKB @0.00ft (above Mean Sea Level)	UWI: CIGE 240	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:00 -			50				WELL IP'D ON 7/17/11- 2545 MCFD, 0 BOPD, 448 BWPD, CP 2550#, FTP 1850#, CK 20/64", LP 184#, 24 HRS
7/18/2011	7:00 -			33	A			7 AM FLBK REPORT: CP 2500#, TP 1775#, 20/64" CK, 17 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 4954 BBLS LEFT TO RECOVER: 3034

1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well Information

Well	CIGE 240		
Common Name	CIGE 240		
Well Name	CIGE 240	**Wellbore No.**	OH
Report No.	1	**Report Date**	6/21/2011
Project	UTAH-UINTAH	**Site**	NBU 922-29F PAD
Rig Name/No.		**Event**	RECOMPL/RESEREVEADD
Start Date	6/21/2011	**End Date**	7/14/2011
Spud Date		**Active Datum**	RKB @0.00ft (above Mean Sea Level)
UWI	CIGE 240		

1.3 General

Contractor	CASEDHOLE SOLUTIONS	**Job Method**	PERFORATE	**Supervisor**	KENNY WARREN
Perforated Assembly	4 1/2 IN CASING	**Conveyed Method**	WIRELINE		

1.4 Initial Conditions

Fluid Type		**Fluid Density**	
Surface Press		**Estimate Res Press**	
TVD Fluid Top		**Fluid Head**	
Hydrostatic Press		**Press Difference**	
Balance Cond	NEUTRAL		

1.5 Summary

Gross Interval	7,420.0 (ft)-9,386.0 (ft)	**Start Date/Time**	6/27/2011 12:00AM
No. of Intervals	31	**End Date/Time**	6/27/2011 12:00AM
Total Shots	168	**Net Perforation Interval**	50.00 (ft)
Avg Shot Density	3.36 (shot/ft)	**Final Surface Pressure**	
		Final Press Date	

2 Intervals

2.1 Perforated Interval

Date	Formation/ Reservoir	CCL@ (ft)	CCL-TS (ft)	MD Top (ft)	MD Base (ft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diameter (in)	Carr Type /Carr Manuf	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
12:00AM	MESAVERDE/			7,420.0	7,421.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	

2.1 Perforated Interval (Continued)

Date	Formation/ Reservoir	CCL@ (ft)	CCL-TS (ft)	MD Top (ft)	MD Base (ft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diameter (in)	Carr Type /Carr Manuf	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
12:00AM	MESAVERDE/			7,464.0	7,465.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
12:00AM	MESAVERDE/			7,501.0	7,502.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
12:00AM	MESAVERDE/			7,552.0	7,553.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
12:00AM	MESAVERDE/			7,570.0	7,573.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
12:00AM	MESAVERDE/			7,677.0	7,678.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
12:00AM	MESAVERDE/			7,928.0	7,930.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
12:00AM	MESAVERDE/			7,965.0	7,969.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
12:00AM	MESAVERDE/			8,004.0	8,006.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
12:00AM	MESAVERDE/			8,150.0	8,152.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
12:00AM	MESAVERDE/			8,241.0	8,243.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
12:00AM	MESAVERDE/			8,279.0	8,280.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
12:00AM	MESAVERDE/			8,289.0	8,290.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
12:00AM	MESAVERDE/			8,352.0	8,354.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
12:00AM	MESAVERDE/			8,550.0	8,551.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTION	
12:00AM	MESAVERDE/			8,614.0	8,617.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTION	
12:00AM	MESAVERDE/			8,642.0	8,644.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTION	
12:00AM	MESAVERDE/			8,689.0	8,690.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
12:00AM	MESAVERDE/			8,708.0	8,709.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
12:00AM	MESAVERDE/			8,748.0	8,750.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
12:00AM	MESAVERDE/			8,793.0	8,795.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
12:00AM	MESAVERDE/			8,830.0	8,832.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	

2.1 Perforated Interval (Continued)

Date	Formation/ Reservoir	CCL@ (ft)	CCL-TS (ft)	MD Top (ft)	MD Base (ft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diameter (in)	Carr Type /Carr Manuf	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
12:00AM	MESAVERDE/			8,888.0	8,889.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTION	
12:00AM	MESAVERDE/			8,969.0	8,970.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTION	
12:00AM	MESAVERDE/			9,100.0	9,104.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTION	
12:00AM	MESAVERDE/			9,186.0	9,187.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTION	
12:00AM	MESAVERDE/			9,234.0	9,235.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTION	
12:00AM	MESAVERDE/			9,253.0	9,254.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTION	
12:00AM	MESAVERDE/			9,267.0	9,268.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTION	
12:00AM	MESAVERDE/			9,282.0	9,283.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTION	
12:00AM	MESAVERDE/			9,385.0	9,386.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTION	

3 Plots

3.1 Wellbore Schematic