

**DUPLICATE**  
UNITED STATES

SUBMIT IN TRIPlicate  
(Other Instructions on reverse side)

Form approved,  
Budget Bureau No. 42-R1425.

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL                       DEEPEN                       PLUG BACK

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

2. NAME OF OPERATOR  
 Energy Reserves Group, Inc.

3. ADDRESS OF OPERATOR  
 Box 3280 Casper, Wyoming 82602

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

At proposed prod. zone      552' FSL & 555' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approx. 18 Miles South East of Jensen, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)      552'

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.      1300'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5182' GR (ungraded)

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 3/4"	8 5/8"	24#	500' ±	Cement to surface
7 7/8"	5 1/2" or 4 1/2"	14# or 9.5#	5,700'	Sufficient to protect Green River Formation

5. LEASE DESIGNATION AND SERIAL NO.  
 U-02651-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Broadhurst

9. WELL NO.  
 15

10. FIELD AND POOL, OR WILDCAT  
 Walker Hollow

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Section 9, T7S-R23E

12. COUNTY OR PARISH      13. STATE  
 Uintah                      Utah

16. NO. OF ACRES IN LEASE      1280'

17. NO. OF ACRES ASSIGNED TO THIS WELL      40

19. PROPOSED DEPTH      5700'

20. ROTARY OR CABLE TOOLS  
 Rotary

22. APPROX. DATE WORK WILL START\*  
 Feb. 1981

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

24. SIGNED William J. [Signature] TITLE Field Services Adm. DATE 2-3-81  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED (Orig. Sgd.) R. A. Henricks FOR E. W. GUYNN DISTRICT ENGINEER DATE MAR 10 1981  
 CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_ TITLE \_\_\_\_\_

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

*Utah State Dept of Energy*



# United States Department of the Interior

IN REPLY REFER TO  
T & R  
U-802

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

February 20, 1981

Ed Guynn, District Engineer  
USGS, Conservation Division  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

Re: Energy Reserve Group, Inc.  
Walker Hollow Unit  
Well #14 Sec 9, T7S, R23E  
Well #15 Sec 9, T7S, R23E  
Well #16 Sec 10, T7S, R23E  
Well #17 Sec 10, T7S, R23E  
Uintah County, Utah  
U-02651-A



Dear Mr. Guynn:

A joint examination was made on February 18, 1981, of the above referenced well site locations and proposed access roads. We feel that the surface use and operating plans are adequate with the following stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes, shall be in accordance with surface use standards as set forth in the brochure, "Surface Operating Standards for Oil and Gas Exploration and Development."
2. Traveling off access road rights-of-way will not be allowed. The maximum width of access road (both existing and planned) will be 30 feet total disturbed area, except where backslopes and fills require additional area. Turnouts will not be required.
3. The BLM must be contacted at least 24 hours prior to any construction activities.
4. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding and restoration requirements.
5. Burn pits will be constructed. There will be no burning or burying of trash or garbage at the well sites. Refuse must be contained and hauled to an approved disposal site.

Continued . . .



6. The reserve pits will be fenced on three sides during drilling and on the fourth upon removal of the rig.

Site Specific  
Well #14

1. The reserve pits demensions were changed from 80 feet by 150 feet to 100 feet by 150 feet.
2. The top 6-8 inches of topsoil will be collected and stockpiled between reference points #1 and #2.
3. We have no objection to the proposed flowline route provided no blading of the route occurs.
4. We have no objection to the proposed tank battery location that will service this well provided the top 2-4 inches of top soil is gathered and stockpiled adjacent to the location.
  - a. That the water pit is fenced on all sides.
  - b. That the company follow stipulations #2 in construction of the proposed turn around road.

Well #15

1. The top 2-4 inches of topsoil will be gathered and stockpiled between reference point #2 and #3,
2. The proposed flowline will be laid on the surface adjacent to the existing road. The only surface disturbance allowed will be where the flowline is buried where it crosses roads,

Well #16

1. The top 3-5 inches of top soil will be gathered and stockpiled at reference points #1 and #2,
2. The reserve pits demensions were changed from 80 feet by 150 feet to 50 feet by 250 feet.
3. The proposed flowline route will not be bladed. A bulldozer may be used to assist trucks in steep terrain, drag pipeline into position and for the construction of ford type crossings on drainages which cannot otherwise be crossed. Construction of drainage crossing is the only type surface disturbance authorized.

Continued . . .

Well #17

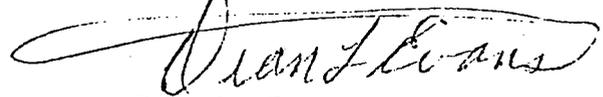
1. This location was moved 200 feet to the south and rotated 90°.
2. The top 6-8 inches of topsoil will be gathered and stockpiled between reference corners #2 and #3.
3. We have no objection to the installation of the proposed flowline provided the only surface disturbance is where the line is buried under existing roads.

All the proposed locations, access routes, and flowline routes were surveyed for cultural resources and none were found.

The proposed activities do not jeopardize listed, threatened, or endangered flora/fauna or their habitats.

The BLM representative will be Cory Bodman, 789-1362.

Sincerely,



Dean L. Evans  
Area Manager  
Bookcliffs Resource Area

cc: USGS, Vernal

ENERGY RESERVES GROUP  
PROPOSED LOCATION  
PEARL BROADHUET #15



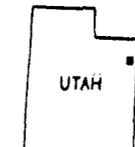
SCALE - 1" = 2000'

ROAD CLASSIFICATION

Secondary highway, all weather, hard surface      Light-duty road, all weather, improved surface

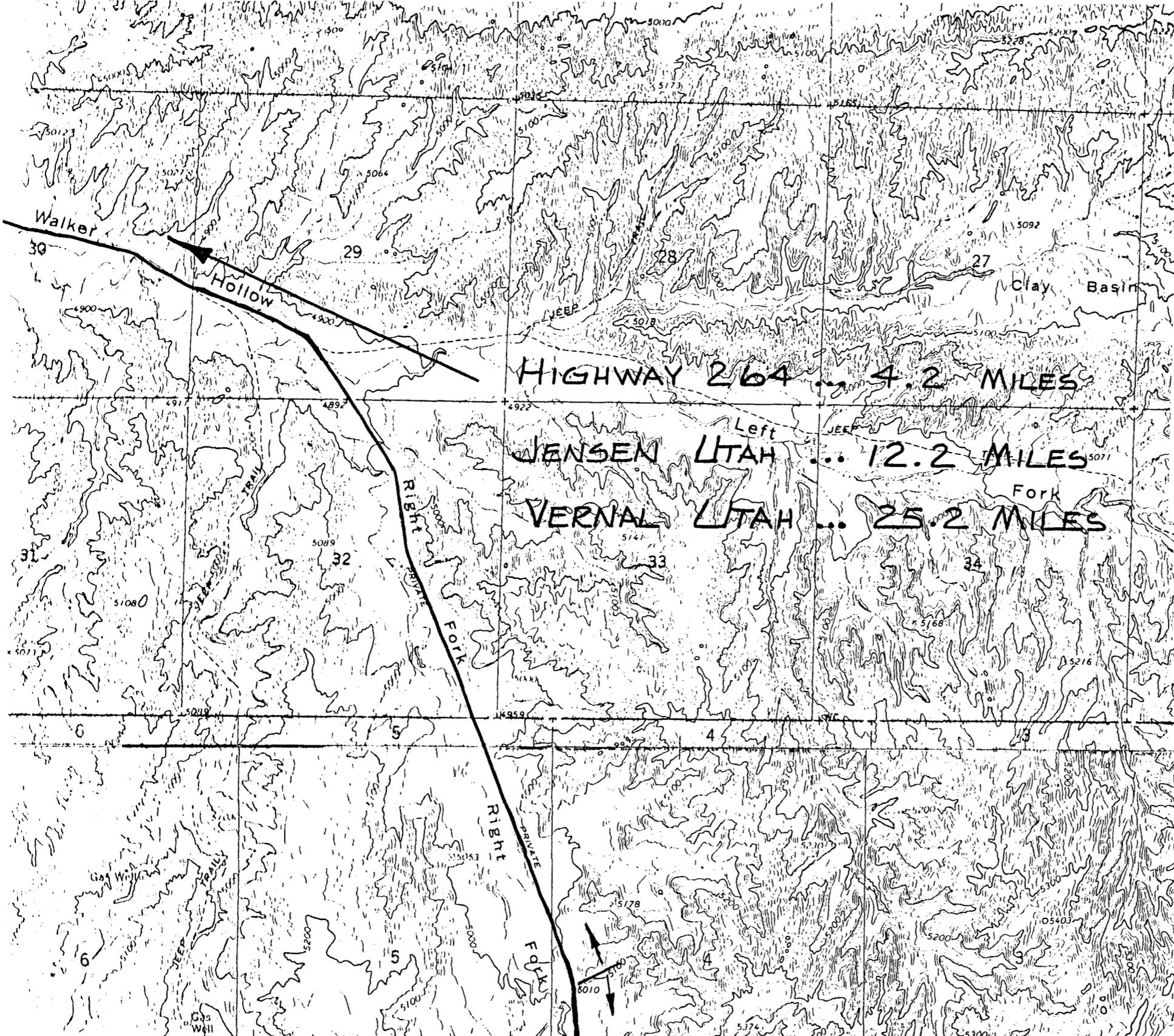
Unimproved road, fair or dry weather

○ State Route



QUADRANGLE LOCATION

T6S  
T7S





1 MILE

EXISTING ROAD  
0.9 MILES

CULVERT REQUIRED

PROPOSED LOCATION  
PEARL BROADHURST #15

PROPOSED ACCESS  
ROAD - 0.2 MILES

R  
23  
E

R  
23  
E

RED WASH OIL WASH

Walker

Hollow

WALKER HOLLOW

GAS FIELD

Red Wash

21

22

23

18

19

20

264

5053

5133

5288

5446

5603

5550

5100

5370

5100

5580

5600

5550

5269

5290

5200

5500

5600

5600

5300

5300

5300

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5600

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5600

5600

5400

5400

5400

5500

5600

5600

Badland

Dry Holes

Oil Sump

Oil Sump

Oil Well

Oil Well

Oil Sumps

Oil Well

Oil Well

Oil Well

Gas Well

Oil Well

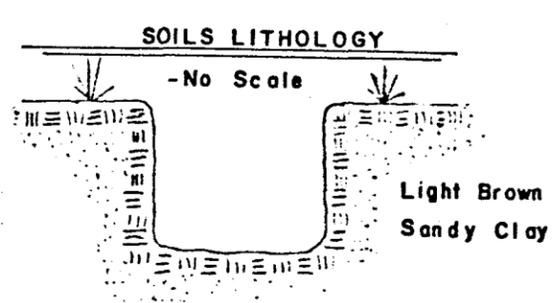
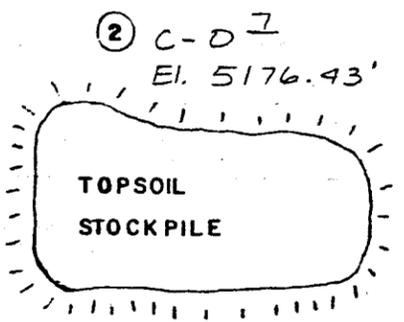
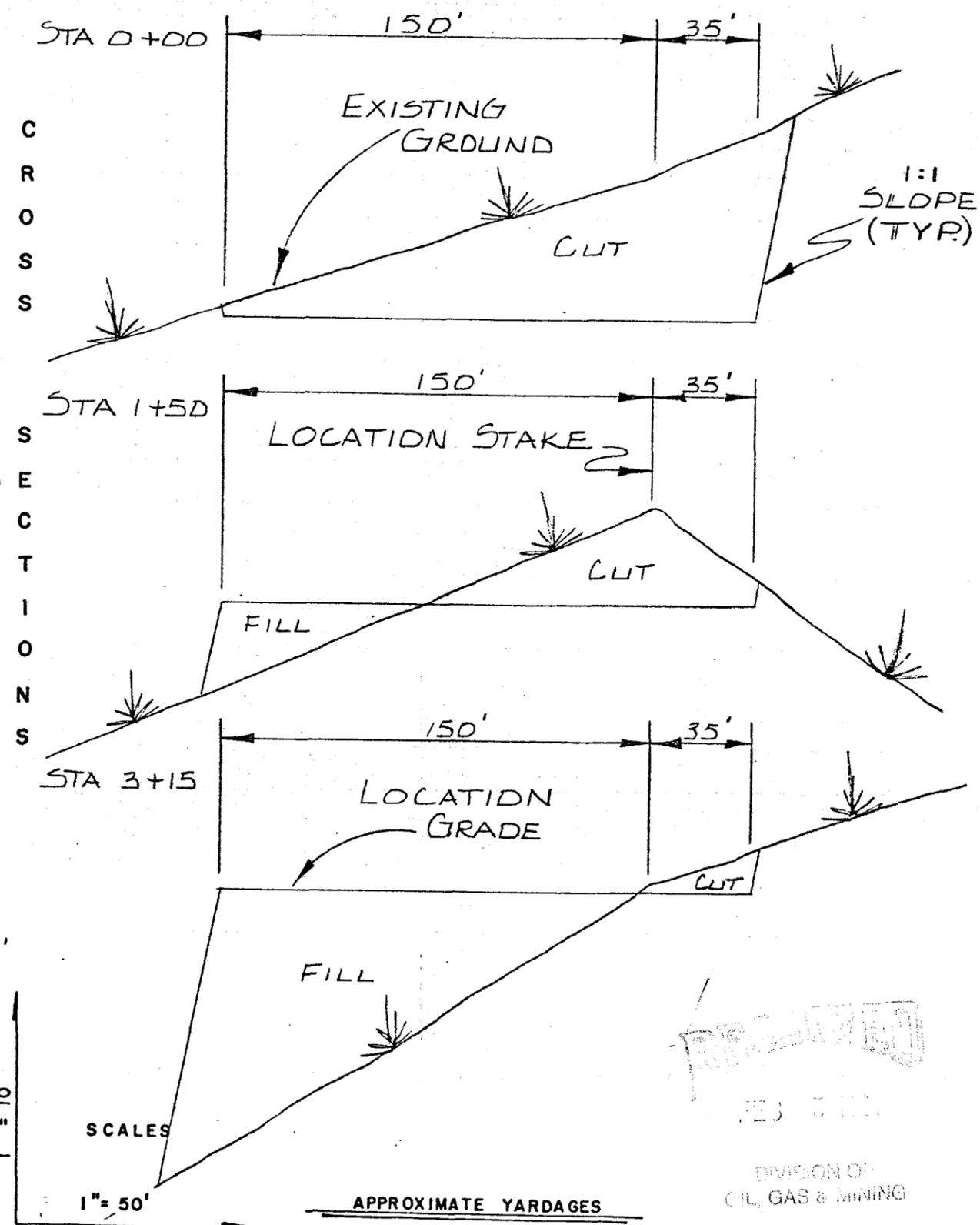
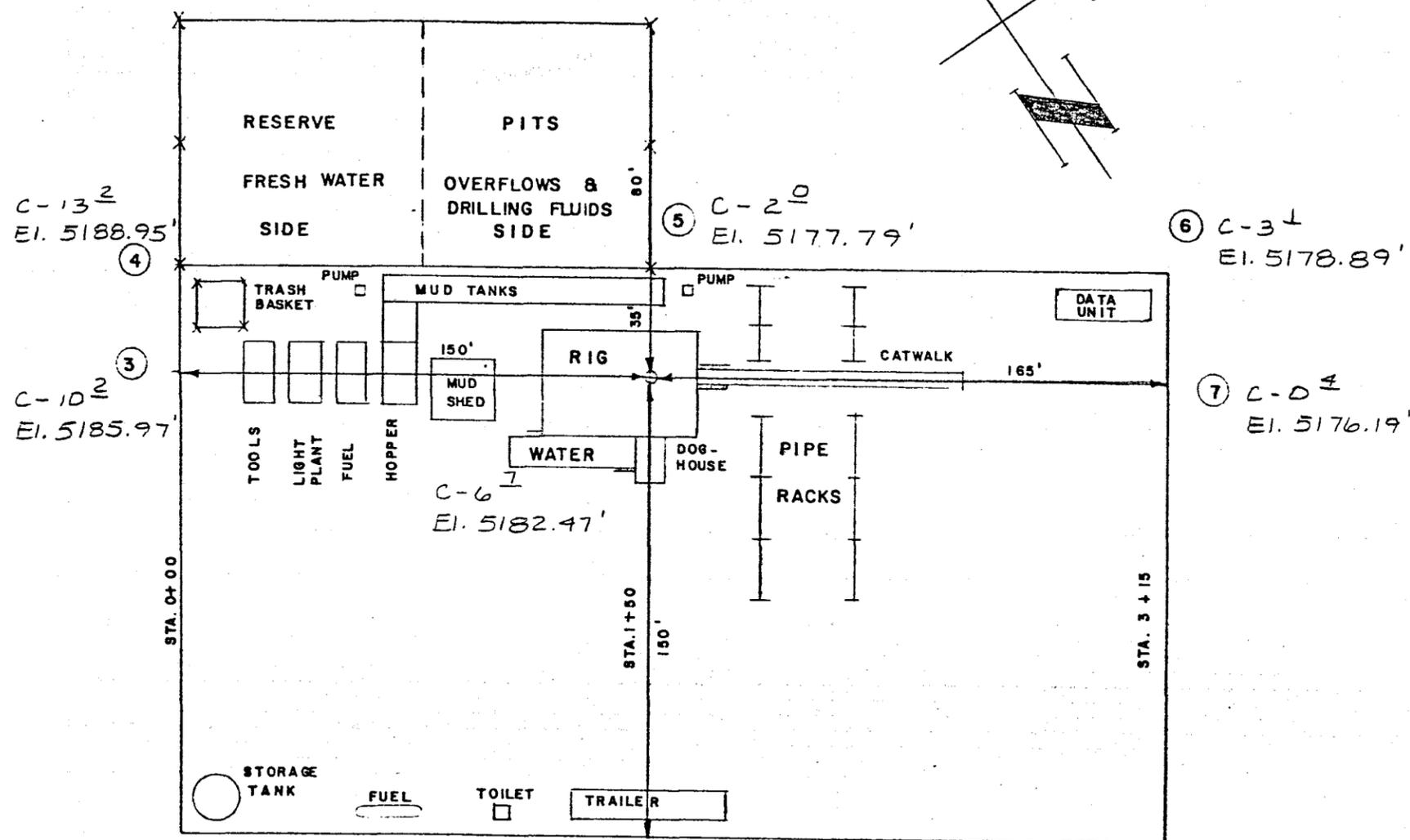
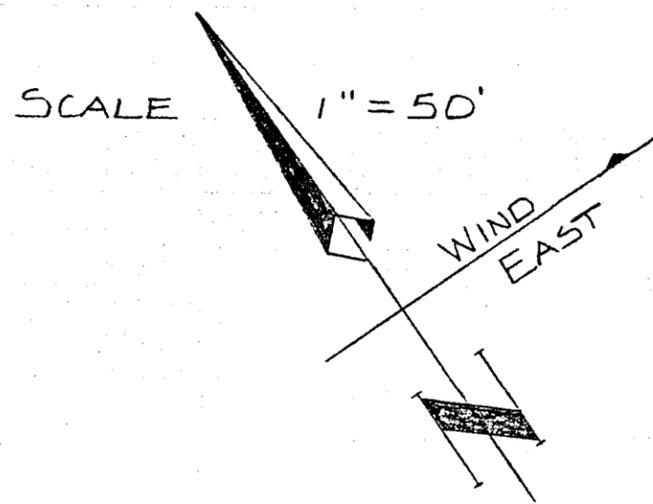
Oil Well

Gas Well

Gas Well

# ENERGY RESERVE GROUP

## PEARL BROADHURST #15



APPROXIMATE YARDAGES

Cubic Yards of Cut- 6372

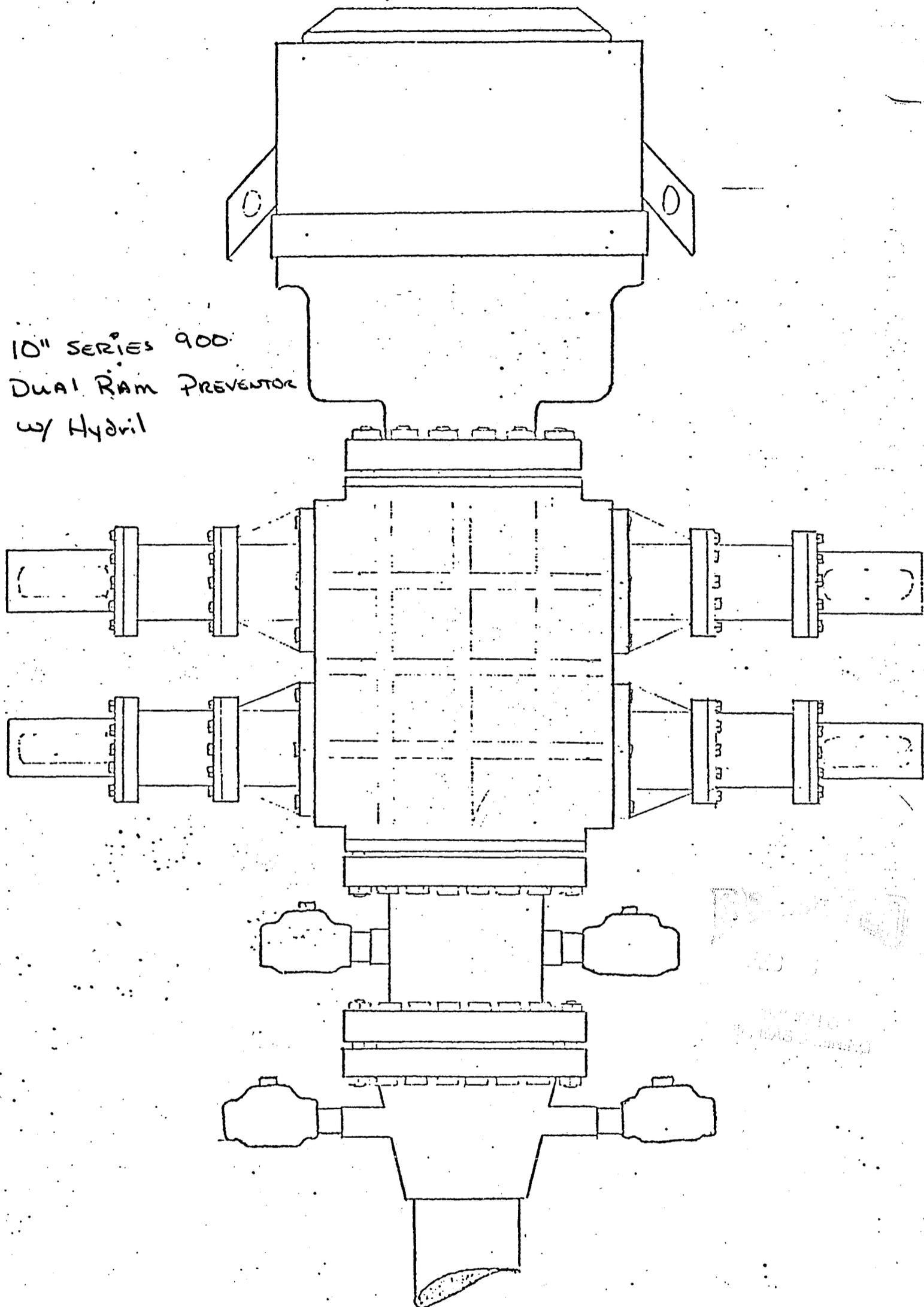
Cubic Yards of Fill- 5995

RECEIVED

FEB 3 1968

DIVISION OF OIL, GAS & MINING

10" SERIES 900  
DUAL RAM PREVENTOR  
w/ Hydril



10" SERIES 900  
DUAL RAM PREVENTOR  
w/ Hydril

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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 Energy Reserves Group, Inc.

3. ADDRESS OF OPERATOR  
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 Approx. 18 Miles South East of Jensen, Utah

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19. PROPOSED DEPTH      5700' *Green River*

20. ROTARY OR CABLE TOOLS      Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5182' GR (ungraded)

22. APPROX. DATE WORK WILL START\*  
 Feb. 1981

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 U-02651-A

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7. UNIT AGREEMENT NAME

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 Broadhurst

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11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Section 9, T7S-R23E

12. COUNTY OR PARISH      13. STATE  
 Uintah      Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	500' ±	Cement to surface
7 7/8"	5 1/2" or 4 1/2"	14# or 9.5#	5,700'	Sufficient to protect Green River Formation

APPROVED BY THE DIVISION  
 OF OIL, GAS, AND MINING  
 DATE: 2-28-81  
 BY: M. J. Minder

OIL, GAS & MINING

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

24. SIGNED William J. Swan TITLE Field Services Adm. DATE 2 3 81

(This space for Federal or State office-use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

TEN POINT PROGRAM

1) SURFACE FORMATION: Uintah

2 & 3) ESTIMATED TOPS:

Green River	2,950'	
Green River "G"	4,470'	
Green River "H"	4,775'	
Green River "I"	5,020'	
Green River "J"	5,300'	Oil & Gas
Green River "K"	5,450'	
T.D	5,700'	

4) CASING PROGRAM:

8 5/8", K-55, 24#, New Casing, ST&C  
5 1/2", K-55, 14#, New Casing, ST&C  
4 1/2", K-55, 9.5#, New Casing, ST&C

5) PRESSURE CONTROL EQUIPMENT: (See attached schematic diagram) BOP's and choke manifold will be installed and pressure tested before drilling out under surface casing and then will be checked daily as to mechanical operating condition. Ram type preventors and related pressure control equipment will be pressure tested to rated working pressure of the stack assembly or to 70% of the minimum internal yield pressure of the casing. Annular type preventors will be tested to 50% of their rated working pressure. BOP's will be pressure tested at least once every 30 days.

6) MUD PROGRAM:

Fresh water base gel mud will be used during the entire drilling operation.  
Mud Weight 9.5 ppg. VLS 50-55, Water loss, PH 9.5

Sufficient mud materials to maintain mud properties, control lost circulation and to contain blowout will be available at wellsite.

7) AUXILLIARY EQUIPMENT:

- a. Kelly cocks
- b. Bit floats will be available
- c. Mud monitoring will be visual unless otherwise specified
- d. A full opening valve with drill pipe thread will be available on the rig floor

8) LOGGING: DIL, SGR, CN-D

CORING: None

TESTING: None

9) STIMULATION: 60,000 gallons of gelled water with 100,000# sand. All applicable state & federal regulations concerning equipment placement will be adhered to.

9) ABNORMAL PRESSURE: None

ESTIMATED BOTTOMHOLE PRESSURE: 2200 PSI

10) ANTICIPATED STARTING DATE: Feb. 1981

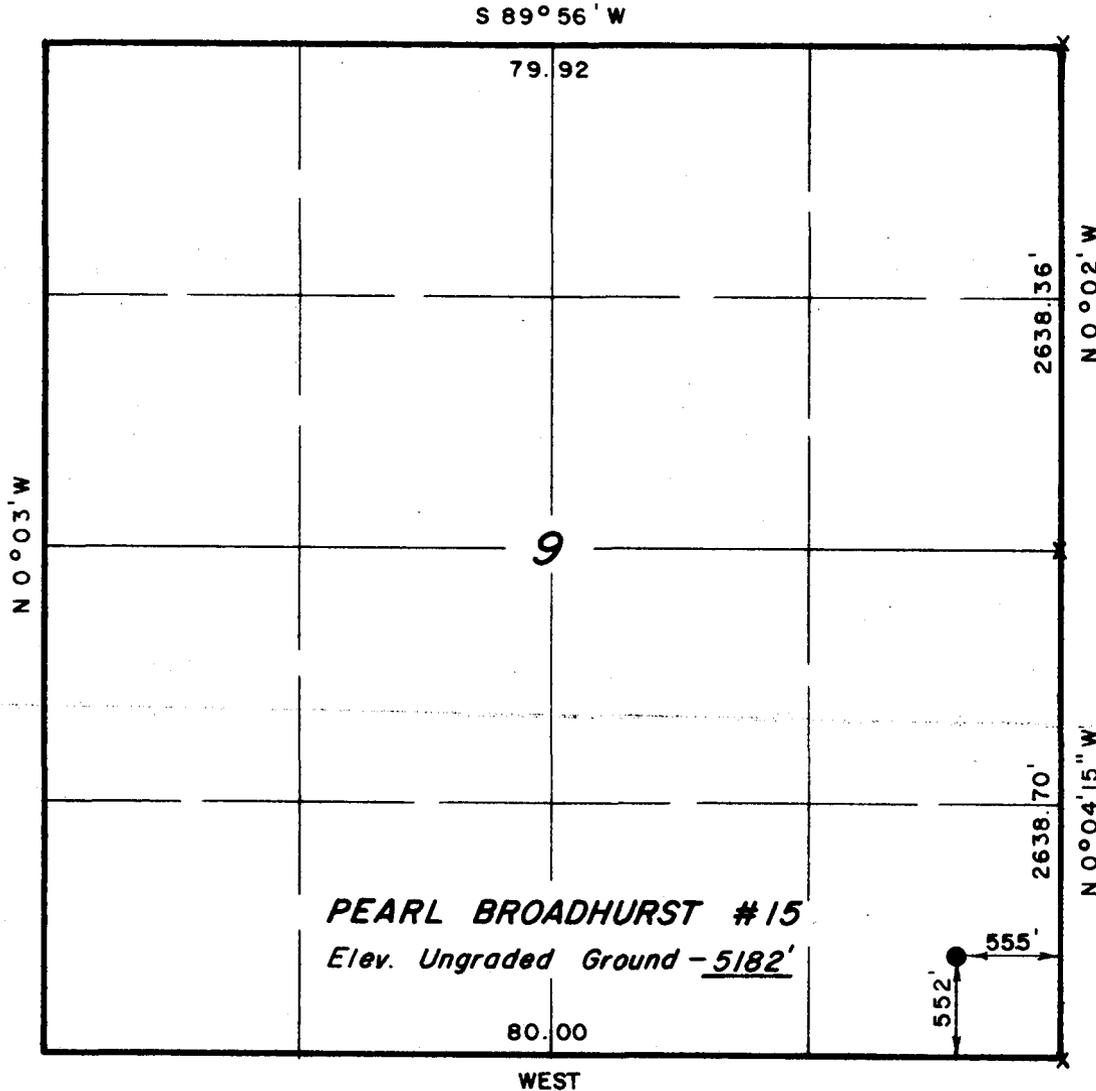
DURATION OF OPERATION: 30 days

T 7 S, R 23 E, S.L.B. & M.

PROJECT

ENERGY RESERVE GROUP

Well location, PEARL BROADHURST #15, located as shown in the SE1/4 SE1/4 Section 9, T7S, R23E, S.L.B. & M. Uintah County, Utah.



X = Section Corners Located

RECORDED

FEB 5 1981

DIVISION OF  
OIL, GAS & MINING



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.

*Sene Stewart*

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 3154  
STATE OF UTAH

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

SCALE	1" = 1000'	DATE	1/26/81
PARTY	MS KH MH AC	REFERENCES	GLO Plat
WEATHER	Clear / Cool	FILE	ENERGY RESERVE GROUP

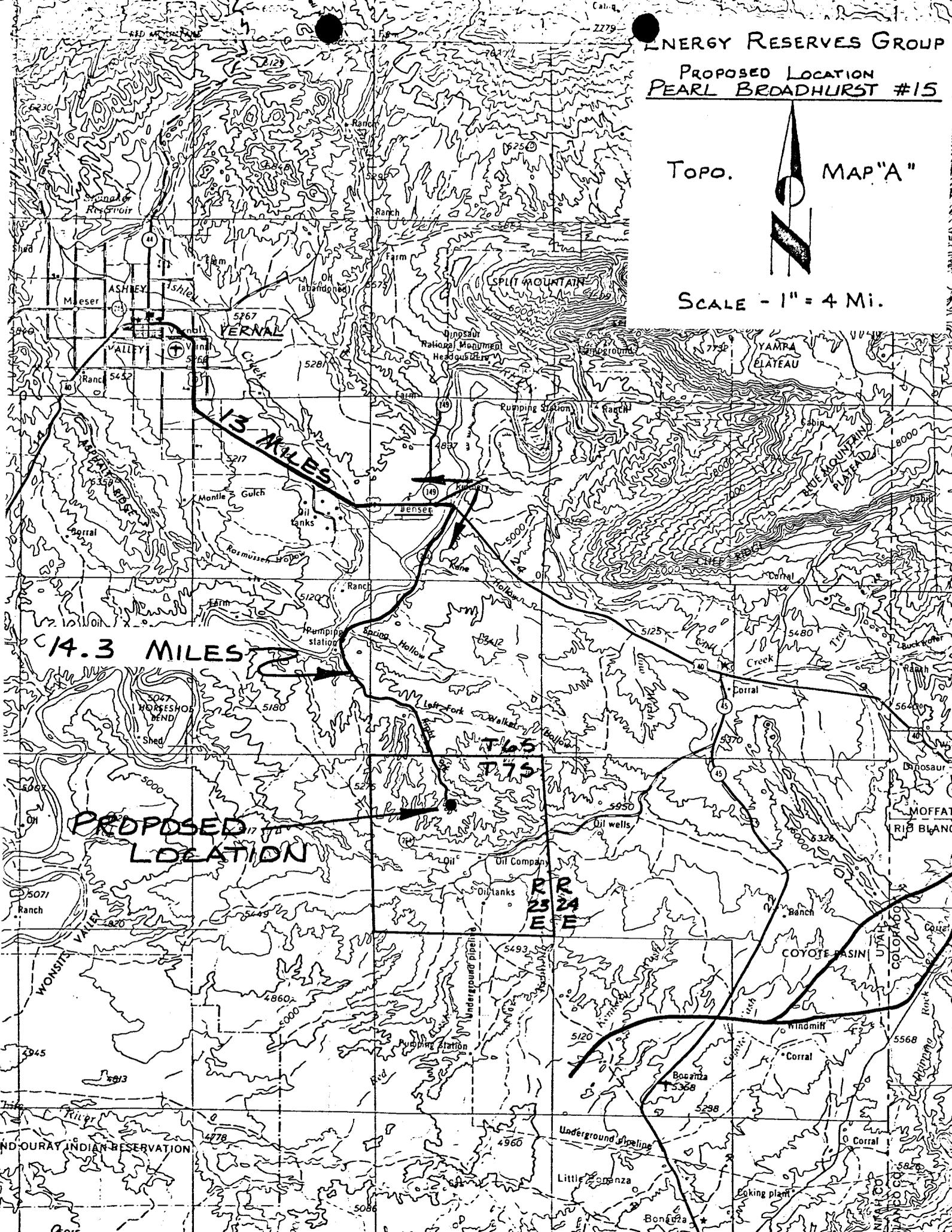
ENERGY RESERVES GROUP

PROPOSED LOCATION  
PEARL BROADHURST #15

TOPO. MAP "A"



SCALE - 1" = 4 Mi.



13 MILES

14.3 MILES

PROPOSED  
LOCATION

RR  
2324  
E

NO-OURAY INDIAN RESERVATION

MOFFAT

RIO BLANCO

COYOTE BASIN

UTAH

COLORADO

05015

05018

Bonanza

Esking plant

05019

05020

05021

RECEIVED  
FEB 2 1981  
RMD CASPER

ENERGY RESERVES GROUP  
13 Point Surface Use Plan  
for  
Well Location  
Pearl Broadhurst #15  
Located In  
Section 9, T7S, R23E, S.L.B.& M.  
Uintah County, Utah

RECEIVED

GEORGE & KENNEDY

ENERGY RESERVES GROUP  
Pearl Broadhurst #15  
Section 9, T7S, R23E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach ENERGY RESERVES GROUP, well location site Pearl Broadhurst #15, located in the SE 1/4 SE 1/4 Section 9, T7S, R23E, S.L.B. & M., Uintah County, Utah:

Proceed Easterly out of Vernal, Utah along U.S Highway 40 - 13 miles to the junction of this Highway and Utah State Highway 264; proceed South along Utah State Highway 264 - 8.6 miles more or less to the junction of this Highway and an existing improved road to the Southeast; proceed South along this road 5.5 miles to the junction of this road and the proposed access road (to be discussed in Item #2).

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the Point where the road exists to the Southeast; thereafter the roads are constructed with existing materials and gravels. The highways are maintained by Utah State road crews. All other roads are maintained by County crews

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing areas they are located in and range from clays to a sandy-clay shale material.

The roads that are required for access during the drilling phase, completion phase, and production phase, of this well will be maintained at the standards required by the B.L.M. or other controlling agencies. This maintenance will consist of some minor grader work for smoothing of road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned road leaves the existing road described in Item #1 in the SE 1/4 SE 1/4 Section 9, T7S, R23E, S.L.B. & M., and proceeds in a Northerly direction approximately 0.2 miles to the proposed location site.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

There will be one culvert required along this road. For its location refer to Topographic Map "B". It will be placed according to specifications in the Oil & Gas Surface Operation Standards Manual for culvert placement.

ENERGY RESERVES GROUP  
Pearl Broadhurst #15  
Section 9, T7S, R23E, S.L.B. & M.

There will be no turnouts required along this road.

There are no fences encountered along this access road therefore there are no gates or cattleguards required.

The lands involved in this action are under B.L.M. jurisdiction.

The terrain that is traversed by this road is near the bottom of a small non-perennial drainage. The terrain is relatively level but will not exceed 8%.

### 3. LOCATION OF EXISTING WELLS

The Walker Hollow Oil and Gas Field is within a one-mile radius of the proposed location site, therefore, there are many different kinds of wells within a one-mile radius. See Topographic Map "B" for the approximate location of these wells relative to the location site.

### 4. LOCATION OF EXISTING AND PROPOSED FACILITIES.

There are ENERGY RESERVES GROUP tank batteries production facilities, oil gathering lines, gas gathering lines, injection lines, or disposal lines within a one mile radius of this location site.

A tank battery site will be set at the proposed location site. This battery will be used to contain production from Pearl Broadhurst #15 as well as other ENERGY RESERVES GROUP wells that will be drilled in the area. If in the event this battery can not be improvised, a flowline will be built which will extend to an existing well in the area.

The area will be built if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources. These facilities will be constructed using bulldozers, graders and workman crews to construct and place the proposed facilities. If there is any deviation from the above, all appropriate agencies will be notified. Rehabilitation of disturbed areas no longer needed for operation after construction is completed will meet the requirements of Item #10.

### 5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "B".

Water will be obtained from a fresh water pipeline located near well No. 1. This facility is tied into Chevron Oil Co.'s injection system @ the Red Wash Field. Water will be hauled by truck over existing roads.

In the event that this source is not used, an alternate source will be used and all necessary arrangements will be made with the proper authorities.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will vary in size and depth according to the water table at the time of drilling.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals and produced fluids, etc.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed if deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side allowed to dry completely prior to the time that backfilling and other reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

A portable toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.L.M. Representative shall be notified before any construction begins on the proposed location site.

ENERGY RESERVES GROUP  
Pearl Broadhurst #15  
Section 9, T7S, R23E, S.L.B. & M.

As mentioned in Item #7, the pits will unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

#### 10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest Sanitary Landfill.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.I.A. Representative when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

#### 11. OTHER INFORMATION

##### The Topography of the General Area - (See Topographic Map "A")

The area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The Green River is located approximately 15 miles to the West of the location site.

The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone ledges, conglomerate deposits, and shale are common in this area.

The geologic structures of the area that are visible are of the Uinta formation (Eocene Epoch) Tertiary Period in the upper elevations and the cobblestone and younger alluvial deposits from the Quaternary Period.

ENERGY RESERVES GROUP  
Pearl Broadhurst #15  
Section 9, T7S, R23E, S.L.B. & M.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil with poorly graded gravels to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of a non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area are common of the semi-arid regions and consists of areas of sagebrush, rabbitbrush, some grasses and cacti as the primary flora. This is also true of the lower elevations.

The fauna of the area is sparse and consists predominantly of the mule deer, pronghorn antelope, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents. The area is used by man for the primary purpose of grazing domestic sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The Topography of the Immediate Area - (See Topographic Map "B").

Pearl Broadhurst #15. is located near the bottom of a non-perennial drainage which runs to the North into the right fork of Walker Hollow.

The terrain in the vicinity of the location slopes from the Northeast through the location site to the Southwest at approximately a 4% grade.

The vegetation in the immediate area surrounding the location site consists of grasses and sparse amounts of sagebrush.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Bill Fiant  
ENERGY RESERVES GROUP  
P.O. Box 3280  
Casper, WY 80602

1-307-265-7331

ENERGY RESERVES GROUP  
Pearl Broadhurst #15  
Section 9, T7S, R23E, S.L.B.& M.

13. CERTIFICATION

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

Date

5-1-81

  
Bill Fiant

United States Department of the Interior  
 Geological Survey  
 2000 Administration Bldg.  
 1745 West 1700 South  
 Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Energy Reserves Group, Inc.  
 Project Type Oil Well Drilling  
 Project Location 552' FSL 555' FEL Section 9, T. 7S, R. 23E  
 Well No. Broadhurst #15 Lease No. U-02651-A  
 Date Project Submitted February 5, 1981

FIELD INSPECTION Date February 18, 1981

Field Inspection  
 Participants Greg Darlington USGS, Vernal  
Cory Bodman BML, Vernal  
Bill Fiant Energy Reserves Group  
Ray Radke Energy Reserves Group  
Earl Cady Ross Construction  
Leonard Heeney Ross Construction

Related Environmental Documents: Unit Resource Analysis, Bonanza Planning  
Unit, BLM, Vernal

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

February 26, 1981  
 Date Prepared

Gregory Darlington  
 Environmental Scientist

I concur  
3/2/81  
 Date

E. W. Luy  
 District Supervisor

PROPOSED ACTION:

Energy Reserves Group, Inc. proposes to drill the Broadhurst #15 well, a 5700 foot oil test of the Green River Formation. About .2 mile of new access road to this location, some of this along a rocky sidehill. A pad 160 feet by 315 feet and a reserve pit 80 feet by 150 feet would be built for the location.

RECOMMENDED APPROVAL CONDITIONS:

Drilling should be permitted provided the operator agrees to incorporate the following additional measures into the drilling plans:

1. BLM Stipulations
2. Lease Stipulations
3. Flowlines will be laid adjacent to existing road and new access road.

FIELD NOTES SHEET

Date of Field Inspection: February 18, 1981

Well No.: Broadhurst #15

Lease No.: U-02651-A

Approve Location:  minor adjustments

Approve Access Road:

Modify Location or Access Road: Narrowed the pad to 160' from 185 feet width because of existing topography on this narrow ridge.

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography)

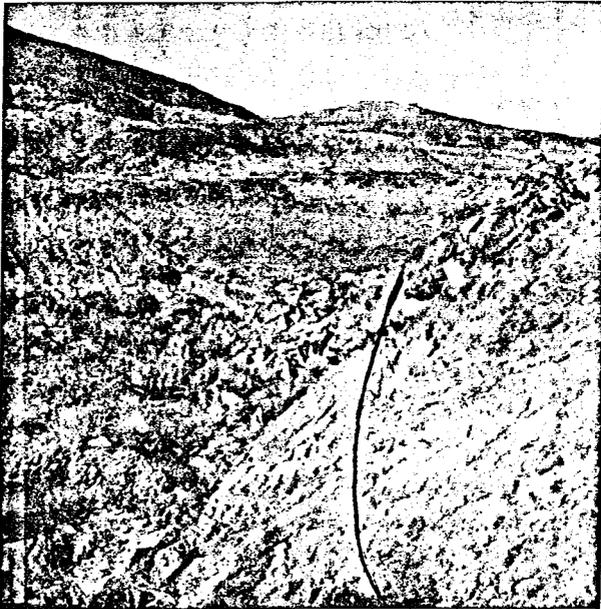
limited blasting may be needed to make this road. A drainage channel at the side of the road might be partially diverted but would still handle considerable runoff. The access road involves some moderately steep grades. Further plans for a tank battery should be forthcoming or a sundry showing the proposed pipeline route.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

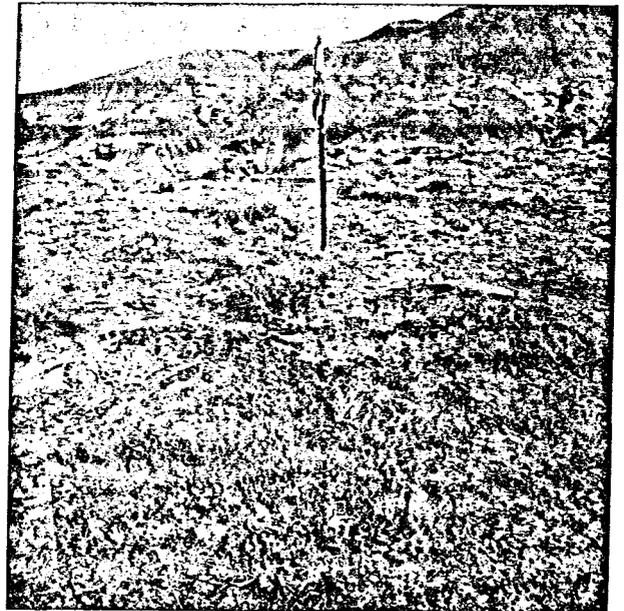
Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety							1, 2, 3, 6	2-18-81	
2. Unique charac- teristics							1, 2, 3, 6	2-18	
3. Environmentally controversial							1, 2, 3, 6	2-18	
4. Uncertain and unknown risks							1, 2, 3, 6	2-18	
5. Establishes precedents							1, 2, 3, 6	2-18	
6. Cumulatively significant							1, 2, 3, 6	2-18	
7. National Register historic places							1, 6	2-18	
8. Endangered/ threatened species							1, 6	2-18	
9. Violate Federal, State, local, tribal law							1, 2, 3, 6	2-18	

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey  
(Conservation Division, Geological Division, Water Resource Division,  
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *USGS conditions of approval.*



*Access Road to  
#15*



*North View #15*

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH  
TO: DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH  
SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-02651-A  
WELL NO. 15

OPERATOR: Energy Reserves Group  
LOCATION: C SE 1/4 SE 1/4 sec. 9, T. 7S, R. 23E, SIM  
Vintah County, Utah

1. Stratigraphy:

Vintah	surface
Green River	2950'
Wasatch	
<u>TD</u>	<u>5700'</u>



2. Fresh Water:

Fresh water may occur throughout the Vintah

3. Leasable Minerals:

Oil shale in the Green River. The Mahogany zone should occur deeper than 3200'.

4. Additional Logs Needed: Adequate

5. Potential Geologic Hazards: None expected

6. References and Remarks:

Signature: Gregory W Wood Date: 2-20-81

\*\* FILE NOTATIONS \*\*

DATE: Feb 10, 1981  
OPERATOR: Energy Reserves Group, Inc.  
WELL NO: Broadhurst #15  
Location: Sec. 9 T. 7S R. 23E County: Wintah

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

API Number 43-047-30901

CHECKED BY:

Petroleum Engineer: M. J. Minder 1-25-81 as an oil well only

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

Administrative Aide: C-3 spacing - ok on landings - 100' close to (-) other gas wells

APPROVAL LETTER:

Bond Required:  Survey Plat Required:

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

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

Lease Designation 3rd Plotted on Map

Hot Line  P.I.  Approval Letter Written

February 27, 1981

Energy Reserves Group, Inc.  
Box 3280  
Casper, Wyoming 82602

Re: Well No. Broadhurst #15  
Sec. 9, T. 7S, R. 23E, SE SE  
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

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

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

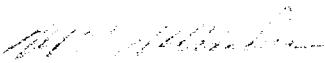
Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

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

The API number assigned to this well is 43-067-30901.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

  
Michael T. Minder  
Petroleum Engineer

/ko  
cc: USGS

'P'

Energy Reserves  
Corp. Inc.

NOTICE OF SPUD

Caller: Roscoe Gillespie

Phone: \_\_\_\_\_

Well Number: Pearl Broadhurst #15

Location: SESE 9-7S-23E

County: Utah State: Utah

Lease Number: U-02651-A

Lease Expiration Date: \_\_\_\_\_

Unit Name (If Applicable): \_\_\_\_\_

Date & Time Spudded: 4-11-81 2:00 P.M.

Dry Hole Spudder/Rotary: MGF Rig 65

Details of Spud (Hole, Casing, Cement, etc.) 12 1/4" hole

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

Rotary Rig Name & Number: \_\_\_\_\_

Approximate Date Rotary Moves In: \_\_\_\_\_

FOLLOW WITH SUNDRY NOTICE

Call Received By: K.R.

Date: 4-13-81

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. oil well  gas well  other

2. NAME OF OPERATOR  
Energy Reserves Group, Inc.

3. ADDRESS OF OPERATOR  
P.O. Box 3280 - Casper, Wyoming 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 552' FSL & 555' FEL (SE/SE)  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
U-02651-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Broadhurst

9. WELL NO.  
15

10. FIELD OR WILDCAT NAME  
Walker Hollow

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA  
Sec. 9-T7S-R23E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
G.L. 5,182'; K.B. 5,195'

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

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

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

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

Drilled 7-7/8" hole to 5,517' & ran logs.

Ran 137 jts 5-1/2" O.D., 14#, K-55, R-3, ST&C new casing set @ 5,503'. Cemented w/880 sx of HOWCO Lite w/3% Salt; 10# Gilsonite & 1/4# Flocele/sx; followed by 440 sx of 50-50 Pozmix w/2% Gel; 0.6% Halad-9; 5% KCl & 1/4# Flocele/sx. Plug down @ 1:30 AM 4-27-81. Good returns till last 74-bbls. of displacement.

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

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

SIGNED K.C. Pillegrin TITLE Dir'l. Supt-RMD DATE 4-28-81

(This space for Federal or State office use)

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

MAY 4

\*See Instructions on Reverse Side

DIVISION OF  
OIL & MINERAL RESOURCES

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. oil well  gas well  other

2. NAME OF OPERATOR  
Energy Reserves Group, Inc.

3. ADDRESS OF OPERATOR  
P.O. Box 3280 - Casper, Wyoming 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2,104' FNL & 2,112' FWL (SE/NW)  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
U-02651-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
USA Pearl Broadhurst

9. WELL NO.  
17

10. FIELD OR WILDCAT NAME  
Walker Hollow

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA  
Sec. 10-T7S-R23E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. API NO.

15. ELEVATIONS (SHOW DE KDB, AND WD)  
G.L. 5,136' K.B. 5,149'

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

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

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

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

Drlrd 7-7/8" hole to 5,402' & ran logs.

Ran 134 jts 5-1/2" O.D., 14#, K-55, R-3, ST&C new casing set @ 5,402'. Cemented w/435 sx of Class "G" cement w/3% D-79 & 10# D-42 (Kolite)/sx; followed by 400 sx of 50-50 Pozmix w/2% Gel, 0.75% D-60 & 1/4# Celloflake/sx. Plug down @ 12:20 PM 6-21-81. Good returns.



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

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

SIGNED Kenneth C. Gilligan TITLE Drig Supt - RMD DATE 6-22-81

(This space for Federal or State office use)

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. oil well  gas well  other

2. NAME OF OPERATOR  
Energy Reserves Group, Inc.

3. ADDRESS OF OPERATOR  
P.O. Box 3280 - Casper, Wyoming 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 552' FSL & 555' FEL (SE/SE)  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
U-02651-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
USA Pearl Broadhurst

9. WELL NO.  
15

10. FIELD OR WILDCAT NAME  
Walker Hollow

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA  
Sec. 9-T7S-R23E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
K.B. 5,195' (GRD + 13')

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

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

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

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

On June 3, 1981 a Cement Bond Log indicated the top of cement to be at 1,000' K.B. on the subject well.

**RECEIVED**  
JUN 25 1981  
DIVISION OF  
OIL, GAS & MINING

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

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

SIGNED Bobby Patrick TITLE Prod. Engr - RMD DATE 6/24/81

(This space for Federal or State office use)

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

16

5. LEASE DESIGNATION AND SERIAL NO.

U-02651-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

USA Pearl Broadhurst

9. WELL NO.

15

10. FIELD AND POOL, OR WILDCAT

Walker Hollow

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

Sec. 9-T7S-R23E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

DIVISION OF  
OIL, GAS & MINING

14. PERMIT NO.

DATE ISSUED

43-047-30901 | 2-25-81

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

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

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

2. NAME OF OPERATOR  
Energy Reserves Group, Inc.

3. ADDRESS OF OPERATOR  
P.O. Box 3280 - Casper, Wyoming 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):  
At surface 552' FSL & 555' FEL (SE/SE)

At top prod. interval reported below

At total depth

15. DATE SPUDDED 4-11-81 16. DATE T.D. REACHED 4-26-81 17. DATE COMPL. (Ready to prod.) 7-12-81 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* KB 5,195' (GR + 13')

20. TOTAL DEPTH, MD & TVD 5,517' KB 21. PLUG, BACK T.D., MD & TVD 5,463' KB 22. IF MULTIPLE COMPL., HOW MANY\* NA 23. INTERVALS DRILLED BY → 24. ROTARY TOOLS 0-TD 25. CABLE TOOLS: -----

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
Green River "J" zone - 5,199'-5,259' KB  
Green River "K" zone - 5,272'-5,358' KB  
25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
Dual Induction; Comp Densilog/Neutron; Acoustilog  
27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8" OD	24#	497' KB	9-7/8"	365 sx "G" + additives	-0-
5-1/2" OD	14#	5,503' KB	7-7/8"	880 sx HOWCO "Light" + additives & 440 sx 50-50 Pozmix + additives	-0-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
		None		

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5,232' KB	None

31. PERFORATION RECORD (Interval, size and number)  
5,199', 5,240'-41', 5,251', 5,257'-59' w/1 JSPF (7 perfs)  
5,272'-73', 7,311.5', 5,353', 5,355', 5,357'-58' w/1 JSPF (7 perfs)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED  
5,199'-5,358' BD w/1000 gal. 7-1/2" "MSR-100" acid + add. & ball sealers.  
Frac'd w/48,000 gal "Stratafrac II w/56,000# 20-40 sand & 33,000# 10-20 sand.

33.\* PRODUCTION  
DATE FIRST PRODUCTION 7-12-81 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 2-1/2" x 1-3/4" x 12' Rod Pump WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-21-81	24		→	58	NA	6	NA
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
-----	-----	→	58	NA	6	± 28°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
VENTED DURING TEST TEST WITNESSED BY BOB PETERSON

35. LIST OF ATTACHMENTS  
SAMPLE DESCRIPTIONS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED P. Wagner TITLE Production Engineer - RMD DATE 7-22-81

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

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

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

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

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	TOP
					MEAS. DEPTH
					TRUE VERT. DEPTH
No DST's			Sample Description Attached	LOG TOPS	
				Uintah	surface
				Green River	2,800'
				"G" zone	4,310'
				"H" zone	4,594'
				"I" zone	4,843'
				"J" zone	5,112'
				"K" zone	5,300'
				TD	5,519'

FORM OGC-8-X

FILE IN QUADRUPLICATE

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

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number USA Pearl Broadhurst #15

Operator Energy Reserves Group, Inc. Address P.O. Box 3280-Casper, WY 82602 - 307/265-7331

Contractor MFG Drilling Company Address P.O. Box 940-Mills, WY 82644 - 307/234-7389

Location SE 1/4 SE 1/4 Sec. 9 T. 7 N R. 23 W Uintah County, Utah

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1.	<u>(During drilling operations no water flows were encountered. The drilling was</u>		
2.	<u>essentially water from surface to ± 2,350' and chemical/gel mud system from</u>		
3.	<u>± 2,350' to T.D., with mud weights ranging from 8.8-9.2 ppg).</u>		
4.	<u></u>		
5.	<u></u>		

(Continue on reverse side if necessary)

Formation Tops:

Uintah @ surface  
Green River ± 2,870'

Remarks:

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

LITHOLOGY

- 3,300 - 3,360 LIMESTONE (30-50%) - tan-crm, m brn-gybrn, frm-hd, crp-micxln, micrite, arg, occ slty, n-p intxln Ø, NSOFC.  
SILTSTONE (20-30%) - gy, frm-hd, arg, occ sdy, sil, tt, n Ø, NSOFC.  
SHALE (40%) - gn gy yel rdbn-orng, sft-frm, calc, occ slty-sdy.  
SANDSTONE (tr-10%) - clr lt brn, hd, f gr sbrd w srt, occ arg-slty, occ fri, gen fr Ø, fr dd lt brn o stn, NFOC.
- 3,360 - 3,400 LIMESTONE (40-60%) - crm, tan, m-dk brn, gybrn, frm-hd, micxln, micrite, arg, occ slty, occ dol, n-p intxln Ø, occ dk brn dd o tar, NFOC.  
SILTSTONE (10-30%) - m gy, gybrn-brn, frm-hd, arg, occ sme vf sd, sil-qtztc, calc, gen tt/n Ø, occ tr dd o stn.  
SHALE (35-50%) - lt-dk gy, var col, sft-frm, sbblky-fis, occ slty-sdy, calc, dd o stn-tar.
- 3,400 - 3,420 SILTSTONE (60%) - lt-m brn, wh, crm, tan, gy, sft-hd, arg, sdy, calc, occ sme sil, tt, gen fr Ø, fr-g lt brn dif o stn, wk dul gn flor, stng yelgn dif-stmg cut.  
SANDSTONE (10%) - gy, lt-m brn, clr, hd, vf-f gr, p srt, slty, arg, sl calc, fr-exc Ø, occ sil/n Ø, occ fr lt brn dif o stn, dul flor, stng dif-stmg cut.  
LIMESTONE (20%) - crm, tan, brn, hd, crp-micxln, micrite, arg-slty, occ dol, p intxln Ø, fr dd brn o stn, NFOC.  
SHALE (10%) - gy-dk gybrn, sft-frm, fis-sbfis, calc, sl slty, fr dd brn o stn, NFOC.
- 3,420 - 3,440 SANDSTONE (20%) - lt-m brn clr, hd, vf-f gr, sbrd, mod w sft, arg-slty, occ sil, tt, sl calc, gen fr Ø, g-exc lt-m brn dif o stn, wk dul yelgn flor, stng dif-stmg cut.  
LIMESTONE (10%) - crm, tan, brn, hd, micxln, micrite, arg-slty, occ dol, p Ø, fr dd o stn, occ mnrl flor, NC.  
SHALE (50%) - yel gygn rdbn-orng, gy-gybrn, sft-frm, calc, occ slty, tr dd o stn-tar, NFOC.  
SILTSTONE (20%) - gy-gybrn, lt-m brn, arg, occ sdy, occ sil, tt, gen p-fr Ø, fr brn dif o stn, dul gn mnrl flor, stng dif-wk stmg cut.
- 3,440 - 3,460 SILTSTONE (60%) - crm, lt brn, tan, sft-frm, arg, sl calc, occ sl sdy, sme fr Ø, exc lt brn dif o stn, fr dul gn flor, wk stmg-stng dif cut.  
SANDSTONE (tr) - gen a/a.  
SHALE (30%) - var col gy brn, sft-frm, fis-sbblky, occ slty, calc, occ d o stn-tar, NFOC.  
LIMESTONE (8%) - gy, lt-m brn, crm-tan, sft-hd, micxln, micrite, arg, gen p intxln Ø, tr dd o stn, occ mnrl flor, NC.

LITHOLOGY (Cont.)

- 3,460 - 3,500 SILTSTONE (tr-15%) - lt-m brn, crm gy, frm-hd, arg, occ sdy, sl calc, occ fr  $\emptyset$ , occ sil/n  $\emptyset$ , tr dd brn o stn, NFOC.  
SHALE (45-60%) - yel, gygn, brn-rdbrn, sft-frm, occ slty, occ sl sdy, calc, occ dol, occ tr dd o stn, NFOC.  
LIMESTONE (20-35%) - crm, tan, brn-gybrn, micrite, arg, occ slty, gen n-p  $\emptyset$ , tr dd o stn, NFOC.
- 3,500 - 3,560 SANDSTONE (tr-20%) - clr gy wh crm lt-m brn, hd, vf-f gr, mod w srt, occ arg-sl slty, sl calc, occ qtztc/n  $\emptyset$ , occ exc  $\emptyset$ , lt brn dif o stn, dul gn flor, occ stng stmg-resd cut.  
SILTSTONE (30-40%) - brn crm gy, frm-hd, arg occ sdy, sl calc, gen p-occ fr  $\emptyset$ , fr dd o stn, NFOC.  
LIMESTONE (10-30%) - gy-gybrn, crm, tan, frm-hd, micxln, micrite, arg, occ sl slty, n intxln  $\emptyset$ , tr dd o stn, NFOC.  
SHALE (10-30%) - var col, gybrn-brn, sft-frm, sbfis-sbblky, occ splty, occ slty-sl arg, calc, occ dol, tr dd o stn-tar, NFOC.
- 3,560 - 3,600 SHALE (10-40%) - var col, sft-frm, occ slty-sl sdy, calc, occ dol, fr dd o stn-tar, NFOC.  
LIMESTONE (20-30%) - gy-gybrn-brn, frm-hd, crp-micxln, micrite, arg, occ sl slty, gen n-vp intxln  $\emptyset$ , fr dd brn dif o stn, NFOC.  
SILTSTONE (40-60%) - crm, lt brn, gybrn, sft-frm, arg, occ sme vf sd, sl-mod calc, occ qtztc, gen n-fr  $\emptyset$ , n-tr dd o stn, NFOC.
- 3,600 - 3,660 SHALE (20-40%) - gy gn yel orng-rdbrn, sft-hd, fis-sbblky calc occ v slty-sl sdy.  
LIMESTONE (tr-10%) - crmtan, brn-gybrn, frm-hd, micxln, micrite, arg, occ slty, occ sl dol, n-vp intxln  $\emptyset$ , NSOFC.  
SANDSTONE (tr-20%) - clr, gy brn, hd, vf-f gr, w srt, occ arg-slty, sl calc, occ qtztc, sme fr-exc  $\emptyset$ , occ exc brn o stn, dul yelgn flor, occ stng dif-stmg cut, sme NSOFC.  
SILTSTONE (30-50%) - gy gybrn, crm, tan, frm-hd, arg, occ sdy, sl calc, gen sil, tt, occ dd o stn, tr flor, NC.
- 3,660 - 3,700 LIMESTONE (10-30%) - crm, tan, brn gy, micrite, arg, occ slty, n  $\emptyset$ , tr dd o stn, NFOC.  
SILTSTONE (40-60%) - gy, gybrn, frm-hd, arg, occ sdy, occ sl calc, occ sil/n  $\emptyset$ , gen NSOFC, occ dk brn stn, dul gn flor, stng dif cut.  
SHALE (20-30%) - var col, sft-frm, calc, occ slty, sbfis-sbblky, NSOFC.  
SANDSTONE (tr-10%) - wh, tan, lt brn, clr, hd, vf-f gr, w srt, occ fri, sl arg, occ slty, fr-exc intgr  $\emptyset$ , occ lt-dk brn o stn, fr dul yelgn flor, stng stmg-dif cut.

LITHOLOGY (Cont.)

- 3,700 - 3,720 SILTSTONE (40%) - brn-gybrn-gy, frm-hd, arg, sil, occ qtztc, tt, gen n-p  $\emptyset$ , NSOFC.  
SHALE (50%) - var col, sft-frm, occ slty-sl sdy, sbblky, calc.  
LIMESTONE (10%) - brn-gybrn, tan, frm-hd, crp-micxln, micrite, arg, gen n-vp intxln  $\emptyset$ , NSOFC.
- 3,720 - 3,740 SANDSTONE (60-70%) - clr, lt-dk brn, frm-hd, vf-f gr, sbang, mod w srt, occ arg-slty, occ fri, gen exc  $\emptyset$ , exc lt brn dif-dk brn dif-ptchy o stn, stng stmg-flsh cut-milky dif cut.  
SILTSTONE (20%) - tan, lt brn, brngy-gy, frm-hd, arg, occ sl sdy, sl calc, occ sil-qtztc, tt, fr brn o stn, NF, tr wk dif-resd cut.  
LIMESTONE (10%) - crm, tan, lt brn, frm-hd, micrite, arg, n-p  $\emptyset$ , fr brn dd o stn, tr mnrl flor, NC.
- 3,740 - 3,760 SANDSTONE (20-30%) - wh gy clr, occ lt-m brn, frm-hd, vf-f gr, mod w srt, occ arg-slty, occ fri, fr-exc  $\emptyset$ , sme lt-m brn dif-ptchy o stn/tr flor, occ stng dif cut, gen cln, NSOFC, sme m gr uncons, sbrd, occ frstd.  
SHALE (40%) - gn gy yelbrn, orng-rdbrn, sft-frm, occ slty-sl sdy, calc.  
SILTSTONE (30-40%) - tan, lt brn, brngy-gy, frm-hd, arg, occ sl sdy, sl calc, occ sil, tt, gen n-p  $\emptyset$ , NSOFC.
- 3,760 - 3,820 SHALE (70-80%) - var col, gen a/a.  
SILTSTONE (20-30%) - gy gybrn, brn, occ tan, frm-hd, arg, occ sl sdy, sl calc, occ qtztc, tt, gen n-vp  $\emptyset$ , NSOFC.
- 3,820 - 3,860 SANDSTONE (tr-20%) - clr, gy-wh, occ lt brn, frm-hd, vf-f gr, w srt, arg-slty, occ fri, gen fr-exc  $\emptyset$ , occ sme lt brn dif-dk brn ptchy o stn, NF, stng stmg-milky dif cut.  
SHALE (40-50%) - gy, gybrn, tan, yelbrn, rdbrn-orng, sft-frm, sbblky, occ sl slty-sl sdy, calc.  
SILTSTONE (30-40%) - tan, lt brn, gybrn, gy, frm-hd, arg, occ sl sdy, sl-mod calc, occ sil, tt, gen p  $\emptyset$ , occ tr dd o stn, NSOFC.
- 3,860 - 3,900 SILTSTONE (20-30%) - tan, brn, gybrn, gy, frm-hd, gen a/a.  
LIMESTONE (tr-10%) - tan, crm, wh, sft-frm, micxln, micrite, arg, occ sl slty, gen p intxln  $\emptyset$ , NSOFC.  
SANDSTONE (tr) - clr, gy, wh, occ brn, frm-hd, vf-f gr, gen a/a.  
SHALE (60-70%) - var col, sft-frm, occ slty-sl sdy, sbblky-sbfis, sl-mod calc.

LITHOLOGY (Cont.)

- 3,900 - 3,920 SANDSTONE (10-20%) - clr, wh, tan, lt brn, gybrn, hd, vf-f gr, sbang, w srt, gen fri, occ slty-arg, sl calc, sme exc Ø, sme fr-exc lt-dk brn, lt-gy o stn, dul-occ bri yelgn flor, stng stmg-flash cut.  
SILTSTONE (30-40%) - brn-gybrn, frm-hd, arg, occ v sdy, n-sl calc, occ qtztc, gen tt, occ dd o stn, NFOC.  
SHALE (50%) - var col, gy brngy, sft-frm, sbblky-sbfis, occ slty-sl sdy, sl-mod calc.
- 3,920 - 3,940 SANDSTONE (70%) - wh, clr, occ lt brn tan, hd, vf-f gr, sbang-sbrd, w srt, occ arg-slty, sl calc, gen fr-exc Ø, gen cln, occ lt brn ptchy o stn/p dul flor, wk-resd cut.  
SHALE (20%) - gy, gn, orng, yel brn mot, sft-frm, fis-sbblky, occ slty-sl sdy, calc.  
SILTSTONE (10%) - lt-m gy-gybrn, occ lt brn tan, sft-frm, sme hd, arg, occ mod sdy, sl calc, occ sil, tt, NSOFC.
- 3,940 - 4,000 SANDSTONE (tr-10%) - clr wh, lt gy, sft-frm, gen slty grdg to (10-25%) SILTSTONE - gy, gybrn, tan, frm-hd, arg, occ sdy, sl calc, n Ø, gen sil, tt, NSOFC.  
SHALE (65-70%) - var col, gen a/a.
- 4,000 - 4,080 SILTSTONE (20-40%) - gy, gybrn, tan, sft-frm, occ hd, arg, occ sdy, n-mod calc, occ qtztc, gen tt, gen NSOFC, occ m-brn ptchy o stn/dul gn flor, occ stng-milky yel-gn dif cut.  
SHALE (60-80%) - gn, gy, yel, orng, rdbrn-brn, sft-frm, sbblky, occ slty-sl sdy, calc.  
SANDSTONE (tr) - clr wh, lt brn, lt gy, vf-f gr, w srt, occ slty-arg, gen exc Ø, gen cln, occ lt-m brn o stn/dul gn flor, occ stng, stmg-resd cut.  
LIMESTONE (tr-10%) - lt gy, crm, tan, gybrn, frm-hd, micxln, micrite, arg, occ sl dol, n intxln Ø, tr dd o stn, NFOC.
- 4,080 - 4,120 SHALE (68%) - var col mot, sft-frm, sbfis-sbblky, occ slty-sl sdy, calc.  
SILTSTONE (30%) - tan, lt brn, gybrn-brn, sft-hd, arg, occ sme vf sd, sl-mod calc, occ sil, gen tt, sme fr dd o stn, NFOC.  
SANDSTONE (tr) - clr ltbrn, tan, hd, vf-f gr, sbang, w srt, occ slty-arg, sl calc, gen exc Ø, sme fr lt brn dif-dk brn ptchy o stn/dul gn flor, stng stmg-milky dif cut.
- 4,120 - 4,160 SHALE (60-70%) - var col, sft-frm, gen a/a.  
SILTSTONE (10-30%) - gybrn, gybrn, tan, gen a/a, fr dd o stn/dul flor, NC.  
SANDSTONE (tr-10%) - lt brn, tan, gybrn, clr, hd, vf-f fr, w srt, occ fri, gen exc Ø, fr lt brn dif-dk brn ptchy o stn/dul gn-yelgn flor, stng-wk stmg-milky dif cut, occ cln.

LITHOLOGY (Cont.)

- 4,280 - 4,300 SANDSTONE (20-40%) - wh, gy, clr, vf-f gr, cons, sbang-sbrd, w srt, occ arg-slty, gen fr-exc intgr  $\emptyset$ , sme m gr uncons rd, gen cln.  
SHALE (35-55%) - gy, gn, yel orng, brn mot, gen a/a.  
LIMESTONE (10%) - brn, gybrn, crm, wh, sft-hd, micxln, micrite, arg, occ sl slty, n intxln  $\emptyset$ , NSOFC.  
SILTSTONE (20%) - brn, tan, crm, gy gybrn, sft-hd, arg, sl-mod calc, n  $\emptyset$ , NSOFC.
- 4,300 - 4,340 SANDSTONE (40-60%) - wh, gy, clr, brn, tan, frm-hd, vf-f gr cons, sbang, mod w srt, arg-sl slty, sl calc, gen fr-exc  $\emptyset$ , sme m gr uncons, sbang-sbrd, gen cln, occ exc brn ptchy-dif o stn, dul yelgn flor, occ stng stmg-flash cut.  
SHALE (20%) - var col, sft-frm, sbblky-fis, occ splty, occ sl sdy, mod calc.  
SILTSTONE (10-25%) - gy, gybrn, brn, tan, sft-hd, arg, occ sl sdy, sl-mod calc, occ sil, tt, gen n-p  $\emptyset$ , occ tr dd o stn, NFOC.
- 4,340 - 4,360 SANDSTONE (tr-10%) - wh, clr, gy, vf-f gr cons, m gr uncons, gen fr-exc  $\emptyset$ , NSOFC.  
SILTSTONE (40-50%) - gy-gybrn, rdbrn, frm-hd, arg, occ sl sdy, sl-mod calc, occ sil, tt, gen n  $\emptyset$ , NSOFC.  
SHALE (40%) - var col, sft-frm, sbblky, occ splty, occ slty, calc, NSOFC.
- 4,360 - 4,400 SANDSTONE (20-40%) - wh, gy clr, sft-hd, vf-f gr cons, ang-sbang, w srt, arg-slty, sl calc, occ fri, gen fr-exc  $\emptyset$ , gen cln, sme n gr uncons frstd, gen NSOFC.  
SILTSTONE (20-30%) - gn, gy, yel, orng, rdbrn, brn, tan, sft-frm, sbblky-fis, occ splty, occ slty-sl sdy, calc, NSOFC.
- 4,400 - 4,440 SANDSTONE (10-20%) - wh, gy clr, sft-hd, vf-f gr cons, w srt, arg-slty, sl calc, occ fri, gen fr-exc intgr  $\emptyset$ , gen cln, NSOFC.  
SILTSTONE (20%) - gy, gybrn, brn, tan, crm, sft-hd, arg, occ sl sdy, sl-mod calc, gen n-p  $\emptyset$ , NSOFC.  
LIMESTONE (tr-10%) - crm, tan, wh, sft-frm, micxln, micrite, arg, occ sl slty, gen n-vp intxln  $\emptyset$ , NSOFC.  
SHALE (50%) - var col, sft-frm, sbfis-sbblky, occ slty-sl sdy, calc.
- 4,440 - 4,500 SANDSTONE (20-40%) - clr, gy, wh, sft-hd, vf-f gr, sbang, mod w srt, arg-slty, sl calc, gen fr-exc  $\emptyset$ , NSOFC, occ m gr uncons, occ frstd.  
SHALE (40-50%) - var col, sft-frm, gen a/a.  
SILTSTONE (10-20%) - gy, gybrn, brn, tan, sft-hd, arg, occ sl sdy, sl-mod calc, occ sil, tt, gen n  $\emptyset$ , NSOFC.

LITHOLOGY (Cont.)

- 4,160 - 4,180 LIMESTONE (tr-10%) - crm, tan, lt gybrn, frm-hd, micxln, micrite, arg occ slty, n-p intxln  $\emptyset$ , tr dd o stn, NFOC.  
SANDSTONE (tr-10%) - wh, clr, hd, vf gr, w srt, occ arg, sl-v calc, gen fr-exc  $\emptyset$ , occ tt, NSOFC.  
SILTSTONE (20-30%) - tan, crm, brn, gy, sft-hd, arg, occ v sdy, sl-mod calc, gen p  $\emptyset$  occ fr dd o stn, NFOC.  
SHALE (60%) - gy gn, yel, orng-brn, sft, sbfis-sbblky, slty, occ sdy, calc.
- 4,180 - 4,210 SANDSTONE (20%) - clr, wh, gy, lt-m brn mot, hd, vf-f gr, sbrd, w srt, arg-slty, sl-mod calc, gen fr-exc  $\emptyset$ , gen cln, NSOFC, occ lt brn dif-dkbrn ptchy o stn, dul flor, wk stmg-milky dif cut.  
SILTSTONE (30%) - crm, tan, brn, gy-gybrn, frm-hd, arg, occ sme vf sd, sl-mod calc, gen p  $\emptyset$ , occ tr dd o stn, gen NSOFC.  
LIMESTONE (tr) - gen a/a.  
SHALE (48%) - var col, sft, sbblky, occ splty, occ slty, sl sdy, calc, NSOFC.
- 4,210 - 4,240 SANDSTONE (20-50%) - clr, lt gy-wh, sft-hd, vf-f gr, sbrd-rd, w srt, arg-slty, sl-mod calc, occ calc cmt, sme fr-exc  $\emptyset$ , gen cln, NSOFC.  
SILTSTONE (20-30%) - tan, brn, gybrn, gy, frm-hd, arg, occ sl sdy, n-mod calc, gen n-p  $\emptyset$ , NSOFC.  
LIMESTONE (n-tr) - crm, lt brn, frm-hd, micxln, micrite, arg, sl slty, gen n-p  $\emptyset$ , NSOFC.  
SHALE (40-60%) - gy gn, orng, rdbrn, yel, tan, brn, sft-frm, occ hd, occ slty-sl sdy, calc, NSOFC.
- 4,240 - 4,260 SANDSTONE (30-40%) - clr, gy wh, occ lt-dk brn, sft-hd, vf-f gr, w srt, arg-slty, sl calc, occ fri, gen fr-exc  $\emptyset$ , gen cln, NSOFC, occ ptchy dk brn-dif lt brn o stn, dul gn flor, occ stng stmg-flash cut.  
LIMESTONE (tr-10%) - wh, ltgy, tan, brn, sft-frm, micxln, micrite, occ v arg-sl slty, occ sl dol, gen n-p intxln  $\emptyset$ , NSOFC.  
SILTSTONE (10-20%) - brn, gybrn, gy, frm-hd, arg-sl sdy, sl-mod calc, gen n-p  $\emptyset$ , occ sil, tt, NSOFC.  
SHALE (50-60%) - var col, sft-frm, fis-sbblky, slty, occ sl sdy, sl-mod calc, NSOFC.
- 4,260 - 4,280 SANDSTONE (10-20%) - clr gy brn wh, frm-hd, vf-f gr, w srt, arg-slty, sl calc, gen fr-exc  $\emptyset$ , gen cln, NSOFC, occ lt brn dif-dkbrn ptchy o stn/dul flor, occ stng stmg-flash cut.  
SILTSTONE (10-30%) - brn-crm, tan, gy-brn-brn, sft-hd, arg, occ sl sdy, sl-mod calc, occ sil, tt, gen p  $\emptyset$ , occ dd o stn, NFOC.  
SHALE (50-60%) - var col, sft-frm, fis-sbblky, occ splty, occ slty, calc, NSOFC.  
LIMESTONE (tr-10%) - crm, tan, brn, wh, micrite, arg-sl slty, n intxln  $\emptyset$ , NSOFC.

LITHOLOGY (Cont.)

- 4,500 - 4,540 SANDSTONE (10-30%) - clr, wh, gy, occ lt brn, frm-hd, vf gr, w srt, occ fri/fr Ø, gen qtztc-sil, tt, n-sl arg, n-sl slty, v occ dd o stn, gen NSOFC.  
SILTSTONE (30-50%) - tan, brn, gybrn, occ gy, frm-hd, arg, occ sdy, sl-mod calc, n Ø, occ sil, tt, occ tr dd o stn, gen NSOFC.  
SHALE (40%) - gy, gn, yelorn, rdbn, brn, sft-frm, sbblky-sbfis, sl-mod calc, sl-mod slty, sme vf sd.
- 4,540 - 4,580 SANDSTONE (30-40%) - clr, gy, occ lt brn, hd, vf gr, w srt, arg-slty, occ fri, gen fr Ø, occ qtztc, fr lt gy-gybrn-lt brn dif dd o stn-brn tar, v dul gol flor, occ wk cut, gen NC.  
LIMESTONE (tr-10%) - crm, tan, frm-hd, micrite, arg-sl slty, n intxln Ø, occ tr dd o stn, NFOC, occ wh, sft, chlky LS, NSOFC.  
SILTSTONE (20-30%) - gy, gybrn, tan, sft-frm, gen a/a.  
SHALE - var col, sme slty-sl sdy, calc, gen a/a.
- 4,580 - 4,620 SANDSTONE (50%) - wh, lt gy, occ lt brn, clr, sft-hd, vf-f gr, sbang, mod w srt, sme arg-slty, occ fr Ø, gen tt, sme sil cmt, gen NSOFC, occ tr dd o stn.  
SHALE (35%) - yel brn, rdbn, gygn, gy, sft-frm, occ slty-sl sdy, sbblky-sbfis, calc.  
SILTSTONE (15%) - tan, lt brn, gy, gybrn, frm, arg, occ sme vf sd, sl calc, gen n-p Ø, tr dd o stn, gen NSOFC.
- 4,620 - 4,660 LIMESTONE (10-20%) - crm, wh, frm, micxln, micrite, n arg, n slty, sl dol, occ lt brn-lt gy o stn, occ dul gol mnrl flor-bri yelgn o flor, occ wk stmg-milky cut, gen lt dd o stn, NC.  
SANDSTONE (30-50%) - clr, lt gy, lt brn, frm-hd, vf-f gr, sbang-sbrd, mod w srt, occ arg-slty, occ fri, sme fr-exc Ø, occ sil cmt, n-p Ø, occ sme calc cmt, occ fr lt brn dif o stn, fr-exc bri yel o flor, wk stmg-milky dif cut, gen dd o stn, resd cut.  
SILTSTONE (20-30%) - lt brn-tan, gy, gybrn, frm-hd, arg, occ sme vf sd, sl-mod calc, tt, sme fr dd o stn, dul yel flor, resd-n cut.  
SHALE - gen a/a.
- 4,660 - 4,680 SANDSTONE (tr) - clr, frm-hd, vf-f gr, mod w srt, occ sl arg-sl slty, sl calc, occ sil cmt, gen fr Ø, NSOFC.  
SILTSTONE (50-60%) - gy, gybrn, tan, lt brn, frm-hd, arg, occ sl sdy, sl calc, n-vp Ø, occ tr dd, NFOC.  
SHALE (30-40%) - var col, sft-frm, occ slty-sl sdy, sbblky-sbfis, occ splty, calc.
- 4,680 - 4,700 SANDSTONE (20%) - wh, clr lt gy, frm-hd, vf gr, w srt, arg-slty, occ fri, sme calc cmt, gen fr-exc Ø, occ lt gy dif o stn, dul yelgn flor, wk stmg-resd cut.

LITHOLOGY (Cont.)

- 4,680 - 4,700 (Cont.) SILTSTONE (20-30%) - gy, crm, tan, var col, sft-frm, arg, occ sl sdy, sl calc, gen n-vp  $\emptyset$ , NSOFC.  
LIMESTONE (tr) - crm, wh, sft-frm, micxln, micrite, n-occ sl arg, n intxln  $\emptyset$ , NSOFC.  
SHALE (48-58%) - gy, gn, yelbrn, tan, orng, rdbrn, brn, sft-frm, sbblky-sbfis, occ splty, occ slty-sl sdy, calc, NSOFC.
- 4,720 - 4,740 SANDSTONE (30-40%) - clr, lt-m gy, lt brn, frm-hd, vf-f gr, w srt, occ slty-arg, sl-mod calc, occ calc cmt, occ sil cmt, gen fr-exc  $\emptyset$ , occ tt, vp  $\emptyset$ , sme exc lt brn dif o stn, dul-bri yelgn flor, sme stng stng-dif cut, sme cln, NSOFC.  
SILTSTONE (30-40%) - gy, gygn, occ orng-brn, tan, sft-frm, arg, occ sdy, sl-mod calc, occ sil, tt, gen n-vp  $\emptyset$ , tr-fr dd o stn, NFOC.  
SHALE (30%) - var col, sft-frm, sbfis-sbblky, sme slty, occ slty-occ sl sdy, calc, NSOFC.
- 4,740 - 4,780 SANDSTONE (10-25%) - clr, lt-m gy, v occ lt brn, frm-hd, vf-f gr cons, sbang-rd, mod w srt, occ arg-slty, sl calc, occ qtztc, gen fr  $\emptyset$ , occ exc  $\emptyset$ , sme p-fr lt gy-lt gybrn o stn, dul flor, occ stng stng-wk cut, gen NSOFC.  
SILTSTONE (30-40%) - gy, gygn, crm, tan, lt brn, occ lt-m gybrn, sft-frm, arg, occ sdy, sl-mod calc, occ sil, tt, gen n-p  $\emptyset$ , occ tr dd o stn, gen NSOFC.  
SHALE (50%) - gy, gn, var col, sft-frm, sbfis-sbblky, occ slty-sl sdy, calc, NSOFC.
- 4,780 - 4,820 SHALE (60%) - var col, orng brn, gybrn, gygn, gen a/a.  
SANDSTONE (10%) - lt-m gy, gybrn-lt brn, frm-hd, vf-f gr cons, gen w srt, arg-slty, sl calc, sme fr  $\emptyset$ , gen sil, tt, n-vp  $\emptyset$ , sme lt brn-lt gy o stn, dul flor, occ wk resd cut, sme dd o stn, gen NSOC.  
SILTSTONE (30%) - gygn, lt gy, lt brn, tan, occ crm, frm-hd, arg, occ sdy, sl calc, occ sil, gen n-p  $\emptyset$ , NSOFC.
- 4,820 - 4,860 SANDSTONE (10-20%) - gy, lt brn, tan, frm-hd, vf-f gr, sbrd, w srt, occ arg-slty, sl calc, occ sil cmt, n  $\emptyset$ , gen fr-occ exc  $\emptyset$ , occ fr lt brn dif o stn, bri gol flor, sme stng stng-wk dif cut, sme NSOFC, occ ool.  
SILTSTONE (30-40%) - lt brn, tan, occ crm, lt gy, lt gybrn, frm-hd, arg, occ sdy, sl-mod calc, occ sil, n  $\emptyset$ , gen n-vp  $\emptyset$ , sme dd o stn, dul yelgn flor upon cut, NC.  
SHALE (50-60%) - var col, sft-frm, slty-occ sl sdy, calc, NSOFC.

LITHOLOGY (Cont.)

- 4,860 - 4,920 SANDSTONE (10%) - clr, lt-m gy, lt-m brn, frm-hd, vf-f gr, mod w srt, occ arg-slty, sl calc, occ sil cmt, occ tr calc cmt, gen fr-exc  $\emptyset$ , occ fri, sme lt gy-lt-m brn dif-dd o stn, NF, stng stmg cut, sme cln, NSOFC.  
SILTSTONE (40-60%) - brn, tan, occ crm, var col, sft-hd, arg, occ sdy, sl-mod calc, n  $\emptyset$ , tr dd o stn, NF, occ resd cut.  
SHALE (40-50%) - var col, sft-frm, sbblky, gen a/a.
- 4,920 - 4,940 SHALE (40-60%) - yelbrn, rdbrn-brntan, crm, gygn, sft-frm, sbblky, occ splty, occ slty-sl sdy, calc, NSOFC.  
SILTSTONE (40-55%) - gen a/a, tr dd o stn, NFOC, tr ool.
- 4,940 - 4,950 LIMESTONE (tr-10%) - crm, wh, sft-hd, crp-micxln, micrite, occ arg, gen n intxln  $\emptyset$ , NSOFC.  
SHALE (60%) - var col, sft-frm, sbblky-fis, occ splty, occ slty-sl sdy, calc.  
SILTSTONE (30-35%) - gy, gygn, lt-m brn, sft-frm, arg-sl sdy, sl-mod calc, gen n  $\emptyset$ , NSOFC.
- 4,950 - 4,960 SANDSTONE (tr) - wh, lt brn, clr, frm, vf-f gr, arg-slty, sme calc cmt, gen p  $\emptyset$ , NSOFC.  
SILTSTONE (60%) - rdbrn, brn, gy gygn, sft-frm, arg, occ sl sdy, sl-mod calc, gen n  $\emptyset$ , NSOFC.  
SHALE (35%) - yel-yelbrn, orng-rdbrn, gy, gygn, gn, sft, sbblky-sbfis, occ splty, calc, NSOFC.
- 4,960 - 5,020 SANDSTONE (10-15%) - wh, lt gy, lt brn, clr, frm-hd, vf-f gr, sbang, w srt, occ arg-slty, occ fri, sl-mod calc, occ calc cmt, gen fr-exc  $\emptyset$ , sme exc brn dif o stn, dul gn flor, occ wk stmg-dif cut, gen NSOFC.  
SILTSTONE (45%) - rdbrn, brn, tan, crm, gy-gygn-gn, sft-frm, arg, occ sl sdy, sl-mod calc, gen p  $\emptyset$ , NSOFC.  
SHALE (40%) - gy, var col, sft, sbfis-sbblky, occ splty, occ slty, calc, NSOFC.  
LIMESTONE (tr) - wh, crm, tan, lt gybrn, sft-frm, micrite, occ v arg, gen n-vp intxln  $\emptyset$ , NSOFC.
- 5,020 - 5,080 SANDSTONE (10%) - wh, clr, v occ lt gy-lt brn, frm-hd, vf-f gr cons, w srt, sl arg-slty, occ fri, gn calc cmt, n  $\emptyset$ , occ fr-g intgr  $\emptyset$ , v occ dd o stn, NFOC, gen cln/NSOFC.  
SILTSTONE (35-50%) - rdbrn-dk brn, dk-lt gy-gygn, sft-hd, arg-sl sdy, occ sil, sl-mod calc, gen n-vp  $\emptyset$ , occ exc dd brn o stn, NFOC.  
SHALE (40-60%) - gy, gn, orng, rdbrn, yel, yelbrn, crm, tan, sft-frm, occ slty-sl sdy, sbblky-sbfis, occ splty, calc, NSOFC.  
LIMESTONE (tr) - wh, tan, sft-frm, micrite, n arg, p  $\emptyset$ , NSOFC, occ sme ool.

LITHOLOGY (Cont.)

- 5,080 - 5,100 SILTSTONE (40-50%) - orng, rdbrn, gy, gn, gen a/a.  
SHALE (50-60%) - var col, sft, sbblky-fis, occ splty,  
occ slty, occ sl sdy, calc, NSOFC.  
PYR (tr) - mas, gol, hd.
- 5,100 - 5,120 SANDSTONE (10-15%) - gy, gybrn, brn, clr, wh, frm-hd,  
vf-f gr, cons, sbang-sbrd, w srt, occ arg-slty, sl  
calc, fr-exc Ø, exc dd o stn, NFOC.  
LIMESTONE (tr) - wh, crm, lt brn, sft-frm, micxln,  
micrite, sme ool, sl-mod arg, gen n intxln Ø, NSOFC.  
SILTSTONE (50%) - gy, gybrn, brn, rdbrn, gygn, sft-hd,  
arg, occ sdy, sl-mod calc, gen n-p Ø, occ tr dd o stn,  
gen cln/NSOFC.  
SHALE (35-40%) - var col, sft, sbblky-fis, a/a.
- 5,120 - 5,140 SANDSTONE (40%) - clr, wh, lt-m gy, occ lt brn, sft-hd,  
vf-f gr, gen w srt, occ calc cmt, sme sil cmt, arg-slty,  
p-exc Ø, gen cln/NSOFC, tr dd o stn.  
LIMESTONE (10%) - wh, crm, tan, brn, frm, micrite,  
sme ool, occ arg, n Ø, NSOFC.  
SILTSTONE (30%) - gy, gybrn, brn, gygn, rdbrn, sft-frm,  
arg-sl sdy, sl-mod calc, n-vp Ø, NSOFC.  
SHALE (20%) - var col, sft, sbblky-fis, occ splty,  
occ slty-sl sdy, calc, NSOFC.
- 5,140 - 5,200 SANDSTONE (50-60%) - gy wh clr, sft-frm, vf-f gr w srt,  
arg-slty, sl-mod calc, p-fr Ø, gen cln/NSOFC, occ  
tar-dd o stn.  
SILTSTONE (30-40%) - lt-m gy, wh, gygn, sft-frm, arg-  
sl sdy, sl-mod calc, p-occ fr Ø, gen NSOFC, occ tar str.  
SHALE (10%) - gy, gn, orng, yel brn, sft, sbblky, occ  
slty, calc.
- 5,200 - 5,240 SANDSTONE (10-20%) - clr, wh, lt gy-v lt brn, frm-hd,  
vf-f gr, sbang-rd, mod w srt, arg-slty, sl-mod calc,  
gen fr-exc Ø, fr-g lt gy-gybrn dif o stn, dul-bri  
yelgn flor, stng stmg-dif cut, occ cln/NSOFC.  
SLTST (30-35%) - gy, gybrn, brn, var col, sft-hd, arg-  
sl sdy, occ sil, sl-mod calc, gen tt/vp Ø, occ dd o  
stn, NFOC.  
SHALE (35-45%) - var col, sft, occ frm, sbblky, a/a.  
LIMESTONE (tr-10%) - crm, tan, lt brn, gy, wh, gen ool/  
micrite mtx, frm, arg, n-vp Ø, occ dd o stn, mnrl flor,  
NC.
- 5,240 - 5,250 SANDSTONE (20%) - lt brn, gy, clr, frm-hd, vf-f gr  
cons, sbang, w srt, arg-slty, gen fri, fr-exc Ø, exc  
lt brn dif o stn/dul yelgn flor, stng stmg-dif cut,  
sme flash cut.  
SHALE (50%) - gy, gn, orng, rdbrn, brn, var col, sft-  
frm, fis-sbblky, occ splty, occ slty-sl sdy, calc,  
NSOFC.  
SILTSTONE (30%) - gy, gybrn, crm, tan, var col mot,  
sft-frm, arg, sme sdy, sl-mod calc mtx, n-p Ø, occ dd  
o stn, NFOC.

LITHOLOGY (Cont.)

- 5,250 - 5,260 CHERT (10%) - wh, clr, hd.  
SANDSTONE (10-20%) - wh, gy, clr, lt brn, frm-hd, gen vf gr, w srt, sl arg-sl slty, gen fri, fr-exc Ø, sme lt brn dif o stn, bri yel flor, stng stmg-resd cut, occ sme cln/NSOFC.  
SILTSTONE (30-40%) - gy, gybrn, brn, var col, sft-frm, arg, occ sdy, sl-mod calc, n Ø, occ fr dd o stn, NFOC.  
SHALE (50%) - var col, sbblky-fis, sme splty, occ slty, sl sdy, calc, NSOFC.
- 5,260 - 5,300 SANDSTONE (10-20%) - gy, wh, clr, lt brn, frm-hd, vf-f gr, sbang-sbrd, mod w srt, arg-slty, sl-mod calc cmt, fr flor, stng-wk stmg cut.  
SILTSTONE (40-50%) - gy, brn, gybrn, tan, rdbrn, sft-frm arg occ sdy, sl-mod calc cmt, gen p Ø, occ sme lt brn dif o stn, dul flor, occ wk cut, gen NSOFC.  
LIMESTONE (tr) - tan, gy, brn, ool/micxln mtx, arg, n Ø, NSOFC.  
SHALE (30-40%) - gy, gn, rdbrn, brn, yel, var col, sft, sbblky-sbfis, sme splty, occ slty-sl sdy, calc, NSOFC.
- 5,300 - 5,340 SANDSTONE (tr-10%) - clr, wh, gy, lt brn, frm-hd, vf-f gr, sbang, mod w srt, arg-slty, sl-mod calc, sme fr-exc Ø, occ lt brn dif o stn, dul yelgn flor, wk stmg cut, gen cln/NSOFC.  
SILTSTONE (30-40%) - gy, gybrn, brn, var col, sft-frm, arg-sdy, sl-mod calc, n-vp Ø, v occ dd o stn, gen NSOFC.  
SHALE (40-50%) - var col, sft-frm, sbblky, a/a.  
LIMESTONE (tr) - crm, tan, brn, gy, frm-hd, ool/micxln mtx, occ arg, n Ø, NSOFC.
- 5,340 - 5,360 SANDSTONE (25-35%) - wh, gy, clr, occ lt brn, sft-hd, vf-f gr, cons, sbrd, w srt, arg-slty, sl-mod calc cmt, occ m-c gr uncons sbrd-rd, occ lt brn-lt gy o stn/dif cut, gen cln/NSOFC.  
SILTSTONE (30-40%) - var col, sft-frm, occ dd o stn, a/a.  
SHALE (30-50%) - var col, sft-frm, sbblky-fis-splty, slty-occ sl sdy, calc, NSOFC.
- 5,360 - 5,380 SANDSTONE (25-40%) - clr, wh, gy, lt brn, frm-hd, vf-f gr cons, w srt, arg-slty, sl-mod calc, p-exc Ø, sme lt gy-lt brn dif o stn/dul yelgn flor, stng stmg-wk dif cut, sme cln/NSOFC.  
SILTSTONE (20-30%) - gy, gybrn, brn, tan, var col, sft-hd arg, occ sl sdy, sl-mod calc, occ sil cmt, n-vp Ø, occ dd o stn/ NFOC.  
SHALE (40%) - gy, gn, brn-rdbrn, yelbrn, sft-frm, occ slty-sl sdy, calc, NSOFC.  
CHERT (tr) - wh, clr, hd.

LITHOLOGY (Cont.)

- 5,380 - 5,400 SANDSTONE (20-30%) - wh, clr, lt gy, vf-f gr cons w srt, occ arg-slty, fr calc cmt, occ fr-exc  $\emptyset$ , tr dd o stn, NFOC, gen cln/NSFOC.  
SILTSTONE (30-40%) - gy, gybrn, crm, tan, sft-hd, occ sdy, sl-mod calc, occ sil cmt, gen n-vp  $\emptyset$ , NSOFC.
- 5,400 - 5,420 SHALE (30-50%) - var col, sft, fis-sbblky, gen a/a.  
SHALE (60%) - gy, gn, yel, orng, rdbrn, brn, sft-frm, sbblky-fis, occ splty, occ slty-sl sdy, calc, NSOFC.  
SILTSTONE (30%) - gy, brn, var col, sft-frm, arg, occ sdy, calc, n  $\emptyset$ , NSOFC.  
SANDSTONE (10%) - wh, lt gy, clr, frm-hd, vf-f gr w srt, arg-slty, sl-mod calc cmt, fr-exc  $\emptyset$ , NSOFC.
- 5,420 - 5,440 LIMESTONE (10%) - wh, tan, sft-frm, micxln, micrite, n arg, n  $\emptyset$ , NSOFC, occ ool.  
SHALE (60%) - var col, sft-frm, sbblky-sbfis, sl-mod slty, calc, NSOFC.  
SILTSTONE (25%) - var col, sft-frm, arg occ sdy, sl-mod calc, NSOFC.  
SANDSTONE (tr) - clr, gy, wh, frm-hd, a/a.
- 5,440 - 5,460 SANDSTONE (10%) - wh, gy, clr, occ lt brn, sft-hd, vf-f gr cons w srt, occ arg-slty, gen calc cmt, p-occ exc  $\emptyset$ , occ dd o stn, dul flor, NC.  
SHALE (40-50%) - gy, gn, rdbrn, orng, yelbrn, crm, sft-frm, occ slty, calc, NSOFC.  
SILTSTONE (30-40%) - arg, occ sdy, sl-mod calc, occ sil cmt, gen n-vp  $\emptyset$ , NSOFC.  
LIMESTONE (tr-10%) - wh, occ crm, tan, sft-frm, micxln, micrite, n-occ arg, n-vp  $\emptyset$ , NSOFC.
- 5,460 - 5,480 LIMESTONE (30-40%) - wh, sft, micrite, n arg, n  $\emptyset$ , NSOFC.  
SANDSTONE (20-30%) - clr, gy, occ wh, frm-hd, vf-f gr, sbang-sbrd mod w srt, occ arg-slty, sme calc cmt, gen cln, fr-exc  $\emptyset$ , NSOFC.  
SILTSTONE (20%) - var col, sft-frm, arg-sl sdy, sl-mod calc, n  $\emptyset$ , NSOFC.  
SHALE (10-30%) - var col, sft-frm, sbblky-sbfis, occ splty, occ slty-sl sdy, calc, NSOFC.
- 5,480 - 5,500 SANDSTONE (10-20%) - wh, gy, clr, occ lt brn, vf-f gr cons mod w srt, arg-slty, sme calc cmt, gen p  $\emptyset$ , tr dd o stn, NFOC.  
LIMESTONE (10%) - wh, sft, micxln, micrite, n arg, n  $\emptyset$ , NSOFC.  
SILTSTONE (40-50%) - gy, gybrn, tan, var col, sft-hd, arg, occ sdy, sl-mod calc, occ sil, vp  $\emptyset$ , NSOFC.  
SHALE (20-30%) - var col, sft, sbblky-sbfis, a/a.

LITHOLOGY (Cont.)

5,500 - 5,517 LIMESTONE (20-25%) - wh, lt gy str, sft, micrite, n  
arg, n Ø, NSOFC.  
SANDSTONE (10%) - wh, clr, lt gy, sft, vf-f gr cons w  
srt, sme arg-slty, sme exc calc cmt, occ fri, n-vg Ø,  
NSOFC.  
SILTSTONE (40-50%) - var col, sft-frm, arg occ sdy, sl-  
mod calc, n Ø, NSOFC.  
SHALE (15-30%) - var col, sft, sbblky-fis, occ splty,  
sme slty-sl sdy, calc, NSOFC.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED

JUN 03 1985

DIVISION OF OIL  
GAS & MINING

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Energy Reserves Group, Inc.

3. ADDRESS OF OPERATOR  
P. O. Box 3280 Casper, Wyoming 82602

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

14. PERMIT NO.

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

5. LEASE DESIGNATION AND SERIAL NO.

U-02651-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

USA Pearl Broadhurst

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Walker Hollow Field

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

Section 9 T1S-R1E

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Consolidate Tank Batteries

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

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

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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

Energy Reserves Group, Inc. is proposing to consolidate the five existing tank batteries to one central tank battery to be located at the USA Pearl Broadhurst #1 present tank battery site. The location of the central tank battery site and the additional flowlines are shown on the attached topo map. All of the additional flowlines required will be in existing pipeline routes and will be insulated surface lines, so there should not be any additional surface disturbances. The entire lease has already had archaeological clearance. The present #1 Broadhurst Tank Battery already has the required tank storage, additional heater treaters will have to be moved to the present #1 battery.

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

SIGNED

*Bobby Patrick*

TITLE

Petroleum Engineer

DATE

5-31-85

(This space for Federal or State office use)

APPROVED BY

TITLE

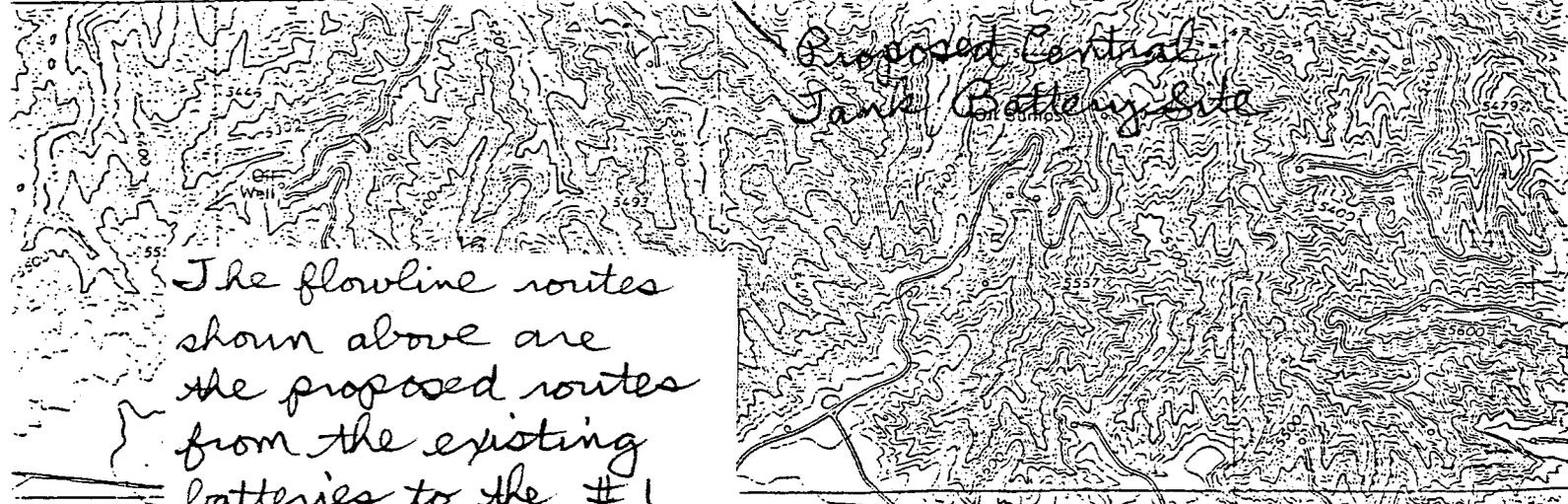
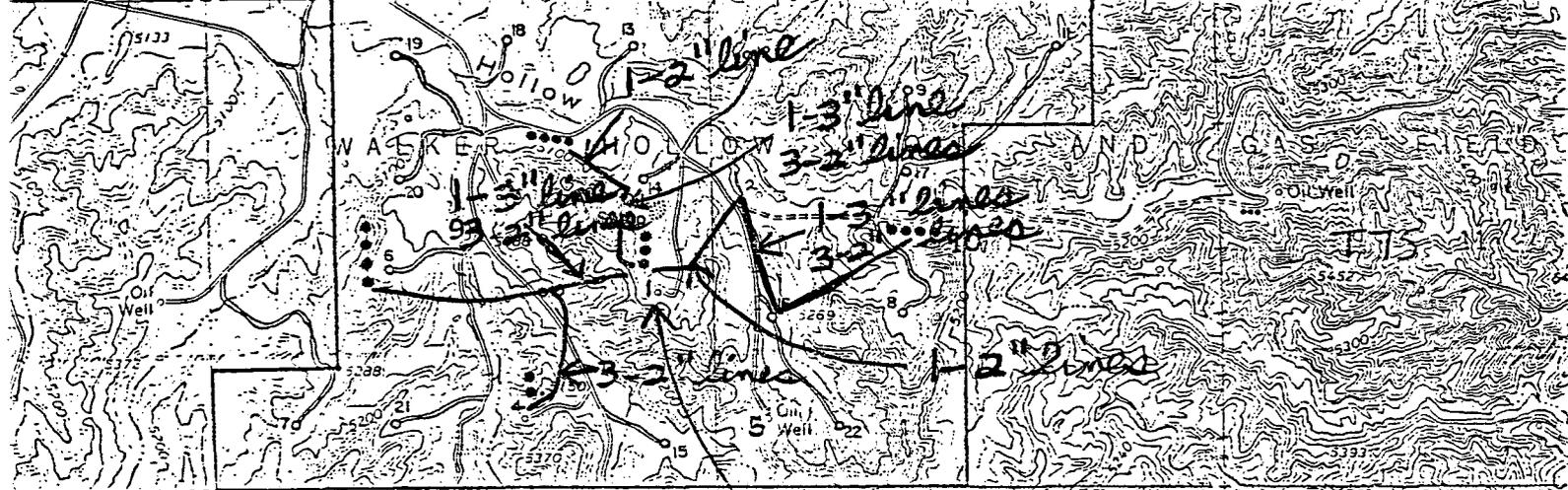
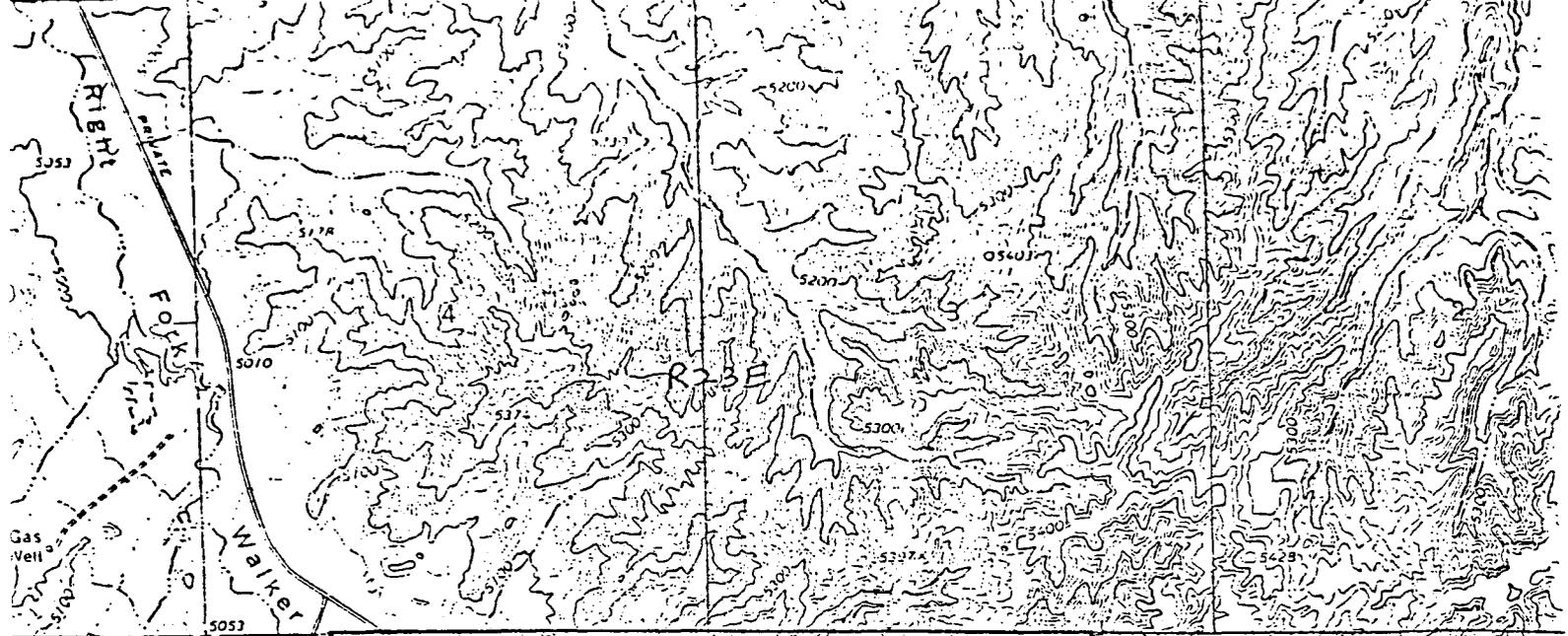
DATE

CONDITIONS OF APPROVAL, IF ANY:

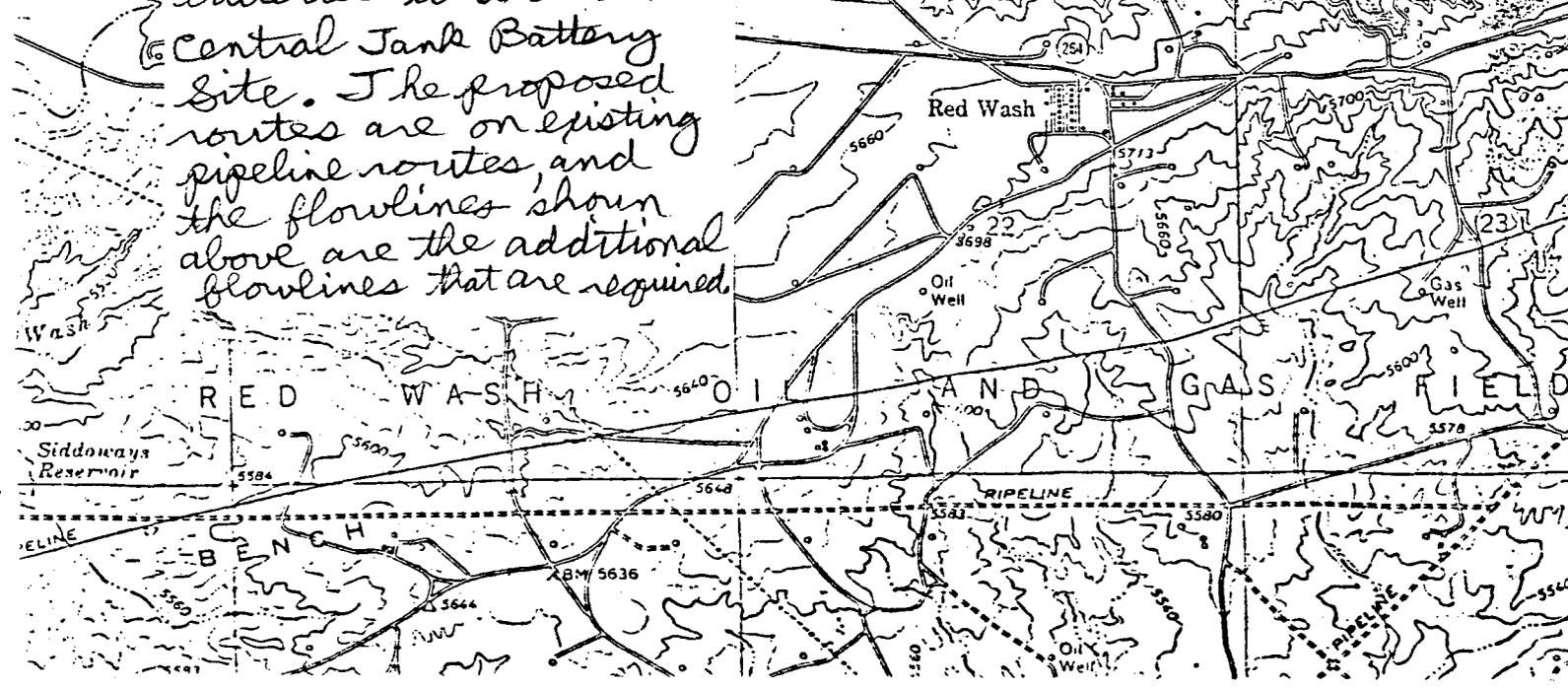
\*See Instructions on Reverse Side

Energy Reserves Group  
 USA Pearl Broadhurst Lease  
 Walker Hollow Field  
 Uintah Co., Utah

35 W TO UTAH 264 20' 142 143 144 145 17'30"



The flowline routes shown above are the proposed routes from the existing batteries to the #1 Central Tank Battery Site. The proposed routes are on existing pipeline routes, and the flowlines shown above are the additional flowlines that are required.



913 North Foster Road  
Post Office Box 3280  
Casper, Wyoming 82602  
Telephone (307) 265-7331  
Fax (307) 266-1999

RECEIVED

OCT 24 1985

DIVISION OF OIL  
GAS & MINING



September 17, 1985

Division of Oil, Gas, and Mining  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

*Broadhurst #15  
7S. 23E. 9 Uintah Co.*

Re: Corporate name change, ENERGY RESERVES GROUP, INC.

Gentlemen:

By authority of the enclosed copies and affidavit, please change your records to reflect the change of the name of ENERGY RESERVES GROUP, INC. to BHP\_Petroleum (Americas) Inc. for all former ERG operations in Utah.

Affected leases and numbers are as follows:

USA Pan American  
Federal Lease #81-06579  
(Utah entity #00220)

USA Pearl Broadhurst  
Federal Lease #U-02651-A  
(Utah entity #00225)

Roosevelt Unit - Wasatch  
Federal Lease #I-109-IND-5248 and I-109-IND-5242  
(Utah entity #00221)

If further information is needed, please contact me at the letterhead address or telephone number.

Thank you for your assistance.

BHP Petroleum (Americas) Inc.

A handwritten signature in cursive script that reads "Dale Belden".

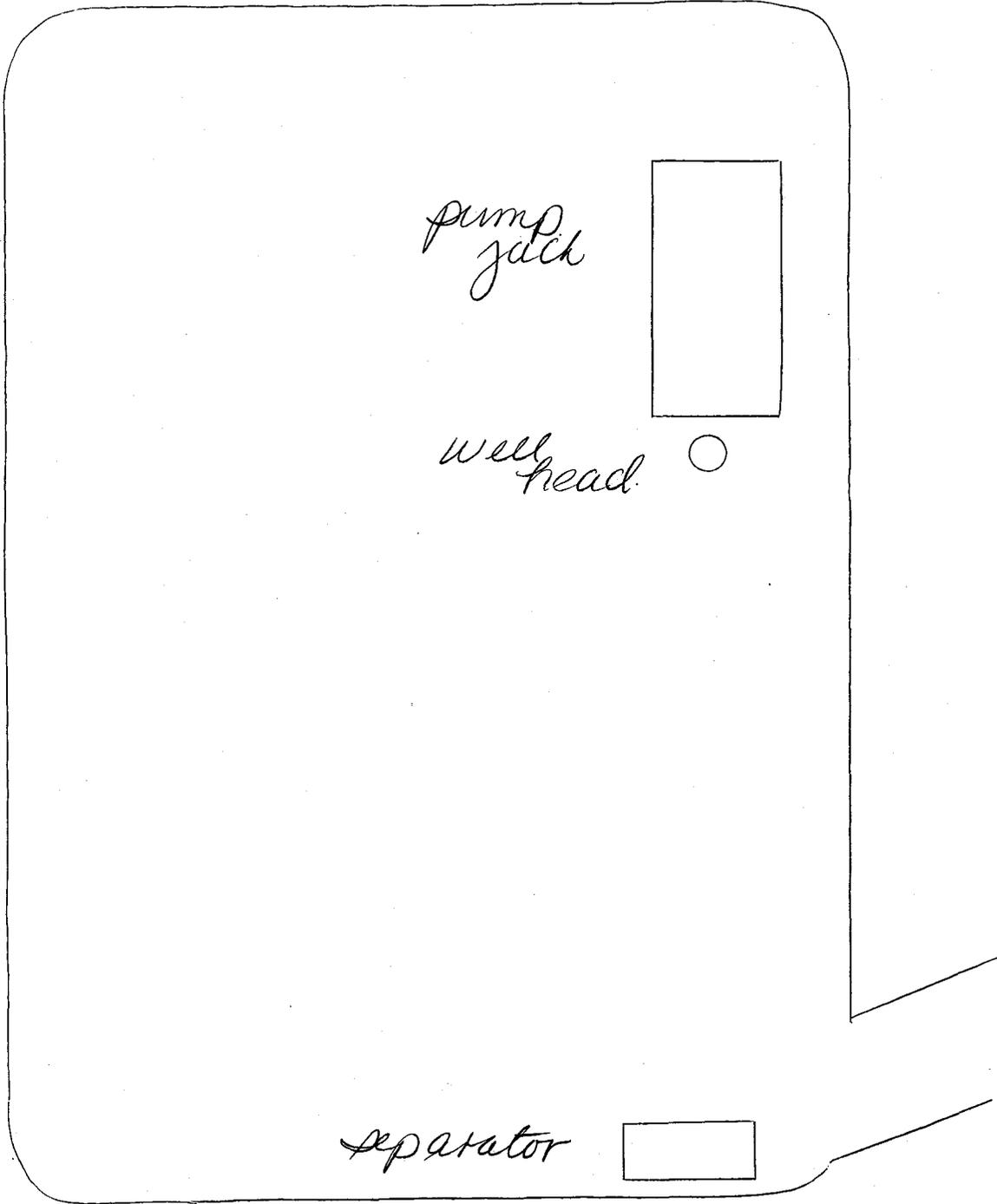
Dale Belden  
District Clerk  
Rocky Mountain District

DB/mz

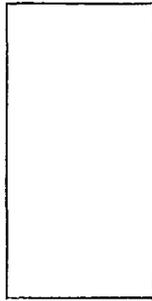
Enclosure

OCT 25 1985

✓ N



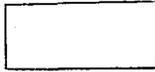
pump  
jack



well  
head



separator



42-381 50 SHEETS 5 SQUARE  
42-382 100 SHEETS 5 SQUARE  
42-389 200 SHEETS 5 SQUARE



# GENERAL ATLANTIC

RESOURCES, INC.

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

June 14, 1993

RECEIVED

JUN 17 1993

State of Utah  
Oil & Gas Conservation Commission  
Three Triad Center, Suite 350  
355 West North Temple  
Salt Lake City, Utah 84180-1203

DIVISION OF  
OIL, GAS & MINING

RE: Change of Operator  
Sundry Notices and  
Reports on Wells

Gentlemen:

By Assignment dated April 30, 1993, effective January 1, 1993, General Atlantic Resources, Inc. ("GARI") purchased the interests of BHP Petroleum (Americas) Inc., Hamilton Brothers Oil Company, Hamilton Brothers Exploration Company and The Norwegian Oil Corporation (DNP-U.S.) collectively ("BHP"), in the properties referenced on the enclosed forms. BHP was the designated operator of said properties, resigning effective May 1, 1993. GARI has been acting as the operator in the interim while balloting was being conducted to determine the successor operator.

GARI has been named successor operator. Enclosed are executed forms for your review and approval reflecting this change. In the event you have questions or concerns relative to this transfer of operatorship, please contact Jim Lee Wolfe, Vice President of Operations or the undersigned at the letterhead address and/or call (303) 573-5100. Thank you for your timely attention in this matter.

Very truly yours,

GENERAL ATLANTIC RESOURCES, INC.

  
Lynn D. Becker, CPL  
Landman

Enclosures



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION & SERIAL NO. SEE BELOW 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NAME SEE BELOW	
2. NAME OF OPERATOR BHP Petroleum (Americas) Inc. (PREVIOUS OPERATOR)	8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR 5847 San Felipe, Suite 3600, Houston, Texas 77057	9. WELL NO. SEE ATTACHED	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface Sections 9,10,13,18,19,20,21,23,25,26,27,28 At proposed prod. zone	10. FIELD AND POOL, OR WILDCAT 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
14. API NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY Uintah
		13. STATE Utah

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (Other) <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> (Other) CHANGE OF OPERATOR <input checked="" type="checkbox"/> <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/>
APPROX. DATE WORK WILL START _____	DATE OF COMPLETION <u>5/01/93</u>

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

\* Must be accompanied by a cement verification report.

EFFECTIVE DATE: January 1, 1993.  
 NEW OPERATOR: General Atlantic Resources, Inc.  
 ADDRESS: 410 17th Street, Suite 1400, Denver, Colorado 80202

LEASE: USA Pearl Broadhurst      LEASE #: UTU02651A  
 USA Pan American                      UTSL065759  
 Roosevelt Unit Wasatch                892000886A

RECEIVED

JUN 17 1993

DIVISION OF  
OIL, GAS & MINING

Attached is a list of the wells which make up the above leases along with their respective API numbers. This method of ownership change was suggested by Lisha Romero, Division of Oil, Gas and Mining, Salt Lake City, Utah.

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

SIGNED Carl Kolbe TITLE Regulatory Off. Rep. DATE 4/27/93

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

<u>LEASE</u>	<u>WELL#</u>	<u>API NUMBER</u>
USA Pearl Broadhurst	1 — Sec 9 T75 R23E	43-047-15692
" " "	2 — 10	43-047-15693
" " "	4 — 9	43-047-15694
" " "	5 — 10	43-047-15695
" " "	6 — 9	43-047-30705
" " "	7 — 9	43-047-30730
" " "	8 — 10	43-047-30696
" " "	9 — 10	43-047-30787
" " "	10 — 9	43-047-30839
" " "	11 — 11	43-047-30840
" " "	12 — 10	43-047-30841
" " "	13 — 9	43-047-30842
" " "	14 — 9	43-047-30904
" " "	15 — 9	43-047-30901
" " "	16 — 10	43-047-30903
" " "	17 — 10	43-047-30905
" " "	18 — 9	43-047-30939
" " "	19 — 9	43-047-30940
" " "	20 — 9	43-047-30941
" " "	21 — 9	43-047-30942
" " "	22 — 10	43-047-31025
USA Pan American	1 Sec 23 T55 R 22E	43-047-15682
" " "	2 — 26	43-047-15683
" " "	3 — 26	43-047-15684
" " "	4 — 22	43-047-15685
" " "	5 — 26	43-047-15686
" " "	6 — 26	43-047-15687
" " "	7 — 25	43-047-15688
" " "	8 — 22	43-047-15689
" " "	9 — 27	43-047-15690
" " "	10 — 22	43-047-15691
Roosevelt Unit Wasatch	5W — Sec 20 T15 1E	43-047-31254
" " "	6 — 20	43-047-31366
" " "	7 — 19	43-047-31402
" " "	9W — 28	43-047-31445
" " "	10W — 21	43-047-31446
" " "	C11 — 18	43-047-31500
" " "	Mary 278 13	43-047-31845

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

RECEIVED  
SEP 20 1993

5. Lease Designation and Serial No.  
USA U-02651-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No. 15 (see att. exhibit)  
Pearl Broadhurst exhibit

9. API Well No. 43-047-30901 (see att. exhibit A)

10. Field and Pool, or Expiratory Area

11. County or Parish, State  
Uintah County, Utah

Type of Well  
 Oil Well  Gas Well  Other

Name of Operator  
General Atlantic Resources, Inc.

DIVISION OF  
OIL, GAS & MINING

Address and Telephone No.  
410 17th Street, Suite 1400, Denver, Colorado 80202 (303) 573-5100

Location of Well (Footage, Sec., T., R., M., or Survey Description)  
(See attached exhibit A)  
Sections 9 and 10, Township 7 South-Range 23 East

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
  - Recompletion
  - Plugging Back
  - Casing Repair
  - Altering Casing
  - Other change of operator
  - Change of Plans
  - New Construction
  - Non-Routine Fracturing
  - Water Shut-Off
  - Conversion to Injection
  - Dispose Water
- (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

On May 1, 1993 General Atlantic Resources, Inc. took over operations of the referenced well from BHP Petroleum (Americas) Inc.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by General Atlantic Resources, Inc. under their nationwide bond, BLM bond number C01023. They will be responsible for compliance under the lease terms and conditions for that portion of the lease associated with this notice.

VERNAL DIST.
ENG. <u>2/21/93</u>
GEOL. _____
R.S. _____
PET. _____
A.M. _____

SEP 20 1993

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

Signed [Signature]

Title Lynn D. Becker  
Landman

Date August 20, 1993

(This space for Federal or State office use)  
Approved by [Signature]  
Conditions of approval, if any:

ASSISTANT DISTRICT  
MANAGER MINERALS

Date SEP 10 1993

Routing:

1- <del>LEC</del> /GIL
2- <del>DTG</del> /9-SJ
3- <del>VLC</del> 8-FILE
4- RJE
5- <del>IEC</del>
6- PL

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold)       Designation of Agent  
 Designation of Operator       Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 5-1-93)

TO (new operator) <u>GENERAL ATLANTIC RES INC</u>	FROM (former operator) <u>BHP PETROLEUM/AMERICAS INC</u>
(address) <u>410 17TH ST #1400</u>	(address) <u>5847 SAN FELIPE #3600</u>
<u>DENVER, CO 80202</u>	<u>HOUSTON, TX 77057</u>
<u>LYNN BECKER, LANDMAN</u>	<u>CARL KOLBE (713)780-5301</u>
phone <u>(303) 573-5100</u>	phone <u>(713) 780-5245</u>
account no. <u>N0910</u>	account no. <u>N0390</u>

Well(s) (attach additional page if needed):

Name: <u>BROADHURST #9/GRRV</u>	API: <u>43-047-30787</u>	Entity: <u>225</u>	Sec <u>10</u> Twp <u>7S</u> Rng <u>23E</u>	Lease Type: <u>U02651A</u>
Name: <u>PEARL BH #10/GRRV</u>	API: <u>43-047-30839</u>	Entity: <u>225</u>	Sec <u>9</u> Twp <u>7S</u> Rng <u>23E</u>	Lease Type: <u>"</u>
Name: <u>PEARL BH #11/GRRV</u>	API: <u>43-047-30840</u>	Entity: <u>225</u>	Sec <u>10</u> Twp <u>7S</u> Rng <u>23E</u>	Lease Type: <u>"</u>
Name: <u>PEARL BH #12/GRRV</u>	API: <u>43-047-30841</u>	Entity: <u>225</u>	Sec <u>10</u> Twp <u>7S</u> Rng <u>23E</u>	Lease Type: <u>"</u>
Name: <u>PEARL BH #13/GRRV</u>	API: <u>43-047-30842</u>	Entity: <u>225</u>	Sec <u>9</u> Twp <u>7S</u> Rng <u>23E</u>	Lease Type: <u>"</u>
Name: <u>BROADHURST #14/GRRV</u>	API: <u>43-047-30904</u>	Entity: <u>225</u>	Sec <u>9</u> Twp <u>7S</u> Rng <u>23E</u>	Lease Type: <u>"</u>
Name: <u>BROADHURST #15/GRRV</u>	API: <u>43-047-30901</u>	Entity: <u>225</u>	Sec <u>9</u> Twp <u>7S</u> Rng <u>23E</u>	Lease Type: <u>"</u>

*SCMT.*

**OPERATOR CHANGE DOCUMENTATION**

- See* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 6-17-93)*
- See* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 6-17-93)*
- See* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: # 92898.
- See* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- See* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(9-28-93)*
- See* 6. Cardex file has been updated for each well listed above. *(9-28-93)*
- See* 7. Well file labels have been updated for each well listed above. *(9-28-93)*
- See* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(9-28-93)*
- See* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- 2. A copy of this form has been placed in the new and former operators' bond files.
- 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date 9/23/93 1993. If yes, division response was made by letter dated 9/23/93 1993.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 9/23/93 1993, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- 1. All attachments to this form have been microfilmed. Date: 10-12 1993.

FILING

- 1. Copies of all attachments to this form have been filed in each well file.
- 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

930920 P. Am / Renewal Approved 9-10-93. (Lease UTR02651-A Only) Other leases/wells will be handled on separate change.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

APRIL LAHNUM  
GENERAL ATLANTIC RES INC  
410 17TH ST STE 1400  
DENVER CO 80202

UTAH ACCOUNT NUMBER: N0910

REPORT PERIOD (MONTH/YEAR): 12 / 94

AMENDED REPORT  (Highlight Changes)

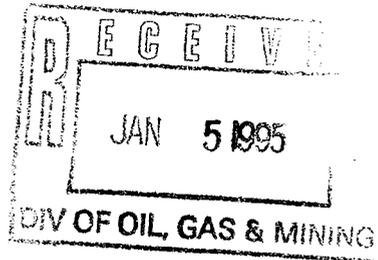
Well Name API Number      Entity      Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ USA PEARL BROADHURST #1 4304715692 00225 07S 23E 9	GRRV			U02651-A		
✓ USA PEARL BROADHURST #4 4304715694 00225 07S 23E 9	GRRV			"		
✓ BROADHURST #8 4304730696 00225 07S 23E 10	GRRV			"		
✓ BROADHURST #6 4304730705 00225 07S 23E 9	GRRV			"		
✓ BROADHURST #7 4304730730 00225 07S 23E 9	GRRV			"		
✓ BROADHURST #9 4304730787 00225 07S 23E 10	GRRV			U02651		
✓ PEARL BROADHURST 10 4304730839 00225 07S 23E 9	GRRV			U02651-A		
✓ PEARL BROADHURST 11 4304730840 00225 07S 23E 10	GRRV			"		
✓ PEARL BROADHURST #12 4304730841 00225 07S 23E 10	GRRV			"		
✓ PEARL BROADHURST #13 4304730842 00225 07S 23E 9	GRRV			"		
✓ BROADHURST #15 4304730901 00225 07S 23E 9	GRRV			"		
✓ BROADHURST #16 4304730903 00225 07S 23E 10	GRRV			"		
✓ BROADHURST #14 4304730904 00225 07S 23E 9	GRRV			"		
<b>TOTALS</b>						

COMMENTS: \_\_\_\_\_

I hereby certify that this report is true and complete to the best of my knowledge. Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_ Telephone Number: \_\_\_\_\_

UMC Petroleum Corporation



January 23, 1995

State of Utah  
Division of Oil, Gas and Mining  
3 Triad Center, #350  
Salt Lake City, Utah 84180-1203

Re: Change of Operator

Gentlemen,

On November 15, 1994, General Atlantic Resources, Inc. merged into UMC Petroleum Corporation. Enclosed please find a copy of the certificate of merger as well as State of Utah Form 9 with an attachment listing all wells and their locations.

UMC Petroleum Corporation will be operating these wells effective January 1, 1995. If there are any questions or you require additional information, please contact the undersigned at (303) 573-4732.

Sincerely,

UMC PETROLEUM CORPORATION

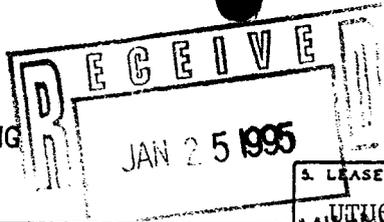
A handwritten signature in cursive script, appearing to read "April J.M. Lahnum".

April J.M. Lahnum  
Production Technician

ajml

{LETTERS/utah}

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING



3. LEASE DESIGNATION & SERIAL NO.

UNIT 02651A  
B. MINERAL ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS - OIL, GAS & MINERAL

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR UMC Petroleum Corporation		8. FARM OR LEASE NAME USA Pearl Broadhurst	
3. ADDRESS OF OPERATOR 410 17th Street, Suite 1400, Denver, CO 80202		9. WELL NO. (see attached exhibit A)	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface (see attached exhibit A) At proposed prod. zone Sections 9 and 10, T7S, R23E		10. FIELD AND POOL, OR WILDCAT Green River	
14. API NO. (see att. exhibit A)		15. ELEVATIONS (Show whether DF, RT, GR, etc.)	
		12. COUNTY Uintah	13. STATE UT
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 9 & 10, T7S, R23E	

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

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

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

\* Must be accompanied by a cement verification report.

On November 15, 1994, General Atlantic Resources, Inc. merged into UMC Petroleum Corporation. (See enclosed certificate of merger.)

UMC Petroleum Corporation will begin operating the referenced lease on January 1, 1995.

Bond coverage for lease activities is being provided by UMC Petroleum Corporation under their nationwide bond, BLM bond number B01843.

18. I hereby certify that the foregoing is true and correct.  
SIGNED April J.M. Lahnum TITLE Production Technician DATE January 20, 1995

(This space for Federal or State office use)

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

*State of Delaware*  
*Office of the Secretary of State*

PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"GENERAL ATLANTIC RESOURCES, INC.", A DELAWARE CORPORATION,  
WITH AND INTO "UMC PETROLEUM CORPORATION" UNDER THE NAME OF  
"UMC PETROLEUM CORPORATION", A CORPORATION ORGANIZED AND  
EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED  
AND FILED IN THIS OFFICE THE FIFTEENTH DAY OF NOVEMBER, A.D.  
1994, AT 11:10 O'CLOCK A.M.



A handwritten signature in cursive script, reading "Edward J. Freel".

*Edward J. Freel, Secretary of State*

AUTHENTICATION:

DATE: 7306080

11-17-94

2257442 8100M

944221473

GENERAL ATLANTIC RESOURCES, INC. - Well Location Report  
 Report Date: 01-18-1995 - Page 1  
 Reporting Field WALKER HOLLOW

EXHIBIT "A"

Utah Production	PRAMS I.D.	Company Identification #	State I.D.#	API Number	Lease Name/Number	Formation	Qtr/Qtr	Sec.	Twp.	Rge	County	Operator
<u>WALKER HOLLOW Field</u>												
PEARL BROADHURST #1	PEARL1	UT-017-01-001	00225	43-047-15692-00	UTU02651A	GREEN RIVER	NESE	9	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #10	PEARL10	UT-017-01-009	00225	43-047-30839-00	UTU02651A	GREEN RIVER	NWSW	9	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #11	PEARL11	UT-017-01-010	00225	43-047-30840-00	UTU02651A	GREEN RIVER	NWNE	10	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #12	PEARL12	UT-017-01-011	00225	43-047-30841-00	UTU02651A	GREEN RIVER	NWNW	10	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #13	PEARL13	UT-017-01-012	00225	43-047-30842-00	UTU02651A	GREEN RIVER	NENE	9	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #14	PEARL14	UT-017-01-013	00225	43-047-30904-00	UTU02651A	GREEN RIVER	SENE	9	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #15	PEARL15	UT-017-01-014	00225	43-047-30901-00	UTU02651A	GREEN RIVER	SESE	9	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #16	PEARL16	UT-017-01-015	00225	43-047-30903-00	UTU02651A	GREEN RIVER	NWSW	10	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #17	PEARL17	UT-017-01-016	00225	43-047-30905-00	UTU02651A	GREEN RIVER	SENW	10	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #18	PEARL18	UT-017-01-017	00225	43-047-30939-00	UTU02651A	GREEN RIVER	NWNE	9	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #19	PEARL19	UT-017-01-018	00225	43-047-30940-00	UTU02651A	GREEN RIVER	NWNE	9	7S	23E	UINTAH	GARI-BHP
✓ PEARL BROADHURST #2 (w/w)	PEARL2	UT-017-01-002	00225	43-047-15693-00	UTU02651A	GREEN RIVER	SWNW	10	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #20	PEARL20	UT-017-01-019	00225	43-047-30941-00	UTU02651A	GREEN RIVER	SESW	9	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #21	PEARL21	UT-017-01-020	00225	43-047-30942-00	UTU02651A	GREEN RIVER	SESW	9	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #22	PEARL22	UT-017-01-021	00225	43-047-31025-00	UTU02651A	GREEN RIVER	SESW	10	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #4	PEARL4	UT-017-01-003	00225	43-047-15694-00	UTU02651A	GREEN RIVER	SWSE	9	7S	23E	UINTAH	GARI-BHP
✓ PEARL BROADHURST #5 (w/w)	PEARL5A	UT-017-01-004	00225	43-047-15695-00	UTU02651A	GREEN RIVER	SWSW	10	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #6	PEARL6	UT-017-01-005	00225	43-047-30705-00	UTU02651A	GREEN RIVER	NESW	9	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #7	PEARL7	UT-017-01-006	00225	43-047-30730-00	UTU02651A	GREEN RIVER	SWSW	9	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #8	PEARL8	UT-017-01-007	00225	43-047-30696-00	UTU02651A	GREEN RIVER	NESW	10	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #9	PEARL9	UT-017-01-008	00225	43-047-30787-00	UTU02651A	GREEN RIVER	NENW	10	7S	23E	UINTAH	GARI-BHP

**CERTIFICATE OF MERGER**

**OF**

**GENERAL ATLANTIC RESOURCES, INC.,  
A DELAWARE CORPORATION**

**AND**

**UMC PETROLEUM CORPORATION,  
A DELAWARE CORPORATION**

UMC Petroleum Corporation, a Delaware corporation, certifies that:

1. Constituent Corporations. The constituent business corporations participating in the merger herein certified are:

(a) General Atlantic Resources, Inc., which is incorporated under the laws of the State of Delaware; and

(b) UMC Petroleum Corporation, which is incorporated under the laws of the State of Delaware.

2. Approval of Agreement and Plan of Merger. An Agreement and Plan of Merger dated as of August 9, 1994 ("Agreement and Plan of Merger"), has been approved, adopted, certified, executed and acknowledged by each of the aforesaid constituent corporations in accordance with the provisions of Section 251 of the General Corporation Law of the State of Delaware.

3. Surviving Corporation. The surviving corporation (the "Surviving Corporation") in the merger herein certified is UMC Petroleum Corporation, a Delaware corporation.

4. Certificate of Incorporation. The certificate of incorporation of UMC Petroleum Corporation, a Delaware corporation, shall be the certificate of incorporation of the Surviving Corporation, except that Article 4 thereof is hereby amended and restated in its entirety as follows:

1. Authorized Shares. The total authorized capital stock of the corporation shall consist of Common Stock. The aggregate number of shares of Common Stock that the corporation shall have authority to issue is three thousand (3,000) with the par value of one cent (\$.01) per share.

5. Agreement and Plan of Merger on File. The executed Agreement and Plan of Merger is on file at the principal place of business of the Surviving Corporation, the address

of which as of the date hereof is as follows:

1201 Louisiana Street  
Suite 1400  
Houston, Texas 77002

6. Copies of Agreement and Plan of Merger. A copy of the Agreement and Plan of Merger will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of any of the aforesaid constituent corporations.

IN WITNESS WHEREOF, the undersigned has executed this Certificate of Merger on behalf of UMC Petroleum Corporation on this 15th day of November, 1994.

UMC PETROLEUM CORPORATION, a Delaware corporation

By:  
Name:  
Title:

  
John B. Brock  
President and Chief Executive Officer

Attest:

By:  
Name:  
Title:

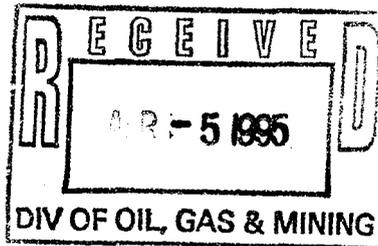
  
Marya Ingram  
Corporate Secretary

# 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:  
3100  
U-02651A et al  
(UT-923)



MAR 24 1995

### NOTICE

UMC Petroleum Corporation	:	Oil and Gas
1201 Louisiana, Suite 1400	:	U-02651A, U-51411,
Houston, Texas 77002-5603	:	U-55626, U-58530

### Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of General Atlantic Resources, Inc. into UMC Petroleum Corporation with UMC Petroleum Corporation being the surviving entity.

For our purposes, the merger is recognized effective November 15, 1994.

The oil and gas lease files identified above have been noted as to the merger. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice.

A rider to UMC's bond (BLM Bond No. NM1773) assuming the liability accrued under General's bond (BLM Bond No. CO1023) was accepted effective March 7, 1995, the date the rider was filed.

**/s/ ROBERT LOPEZ**

Chief, Branch of Mineral  
Leasing Adjudication

bc: Vernal District Office  
Moab District Office  
MMS—Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217  
UT-922 (Teresa Thompson)  
Lisha Cordova, State of Utah, Division of Oil, Gas, and Mining, 3 Triad Center,  
Suite 350, Salt Lake City, Utah 84189-1204

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well RECEIVED  
 Oil Well  Gas Well  Other

2. Name of Operator MAR 23 1995  
 UMC Petroleum Corporation

3. Address and Telephone No.  
 410 17th Street, Suite 1400, Denver, CO 80202 (303) 573-5100

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

5. Lease Designation and Serial No.  
 UTU02651A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
 Pearl Broadhurst

9. API Well No.  
 (see attachment)

10. Field and Pool, or Exploratory Area  
 Walker Hollow

11. County or Parish, State  
 Uintah, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

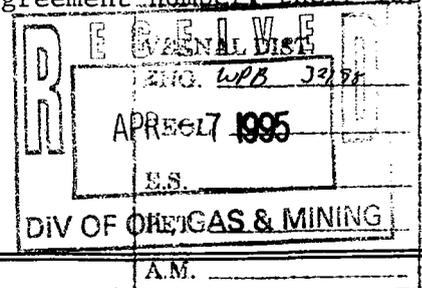
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

On November 15, 1994, General Atlantic Resources, Inc. merged with UMC Petroleum Corporation (See enclosed certificate of merger.)

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by UMC Petroleum Corporation under their nationwide bond, B01843. They will be responsible for compliance under the lease terms and conditions for that portion of the lease associated with this notice.

Attachment lists all wells associated with the referenced agreement number, their location, and API well numbers.



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

Signed April J.M. Lahnum Title Production Technician Date March 15, 1995

(This space for Federal or State official use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date APR 06 1995

Conditions of approval, if any:

**NOTED**

	State I.D.#	API Number	Lease Name/Number	Formation	Qtr/Qtr	Sec.	Twp.	Rge	County
Utah Production									
<u>WALKER HOLLOW Field</u>									
PEARL BROADHURST #1	00225	43-047-15692-00	UTU02651A	GREEN RIVER	NESE	9	7S	23E	UINTAH
PEARL BROADHURST #10	00225	43-047-30839-00	UTU02651A	GREEN RIVER	NWSW	9	7S	23E	UINTAH
PEARL BROADHURST #11	00225	43-047-30840-00	UTU02651A	GREEN RIVER	NWNE	10	7S	23E	UINTAH
PEARL BROADHURST #12	00225	43-047-30841-00	UTU02651A	GREEN RIVER	NWNW	10	7S	23E	UINTAH
PEARL BROADHURST #13	00225	43-047-30842-00	UTU02651A	GREEN RIVER	NENE	9	7S	23E	UINTAH
PEARL BROADHURST #14	00225	43-047-30904-00	UTU02651A	GREEN RIVER	SENE	9	7S	23E	UINTAH
PEARL BROADHURST #15	00225	43-047-30901-00	UTU02651A	GREEN RIVER	SESE	9	7S	23E	UINTAH
PEARL BROADHURST #16	00225	43-047-30903-00	UTU02651A	GREEN RIVER	NWSW	10	7S	23E	UINTAH
PEARL BROADHURST #17	00225	43-047-30905-00	UTU02651A	GREEN RIVER	SENE	10	7S	23E	UINTAH
PEARL BROADHURST #18	00225	43-047-30939-00	UTU02651A	GREEN RIVER	NWNE	9	7S	23E	UINTAH
PEARL BROADHURST #19	00225	43-047-30940-00	UTU02651A	GREEN RIVER	NWNE	9	7S	23E	UINTAH
PEARL BROADHURST #2	00225	43-047-15693-00	UTU02651A	GREEN RIVER	SWNW	10	7S	23E	UINTAH
PEARL BROADHURST #20	00225	43-047-30941-00	UTU02651A	GREEN RIVER	SESW	9	7S	23E	UINTAH
PEARL BROADHURST #21	00225	43-047-30942-00	UTU02651A	GREEN RIVER	SESW	9	7S	23E	UINTAH
PEARL BROADHURST #22	00225	43-047-31025-00	UTU02651A	GREEN RIVER	SESW	10	7S	23E	UINTAH
PEARL BROADHURST #4	00225	43-047-15694-00	UTU02651A	GREEN RIVER	SWSE	9	7S	23E	UINTAH
PEARL BROADHURST #5	00225	43-047-15695-00	UTU02651A	GREEN RIVER	SWSW	10	7S	23E	UINTAH
PEARL BROADHURST #6	00225	43-047-30705-00	UTU02651A	GREEN RIVER	NESW	9	7S	23E	UINTAH
PEARL BROADHURST #7	00225	43-047-30730-00	UTU02651A	GREEN RIVER	SWSW	9	7S	23E	UINTAH
PEARL BROADHURST #8	00225	43-047-30696-00	UTU02651A	GREEN RIVER	NESW	10	7S	23E	UINTAH
PEARL BROADHURST #9	00225	43-047-30787-00	UTU02651A	GREEN RIVER	NENW	10	7S	23E	UINTAH

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

Routing:

1	<del>EE</del> GIL
2	LWP 7-SJ
3	<del>DT</del> 8-PL
4	VLC 9-FILE
5	RJF
6	LWP

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator      **(MERGER)**     Designation of Agent  
 Designation of Operator       Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 11-15-94)

TO (new operator)	<u>UMC PETROLEUM CORPORATION</u>	FROM (former operator)	<u>GENERAL ATLANTIC RES INC</u>
(address)	<u>410 17TH ST STE 1400</u>	(address)	<u>410 17TH ST STE 1400</u>
	<u>DENVER CO 80202</u>		<u>DENVER CO 80202</u>
	<u>APRIL LAHNUM (915)683-3003</u>		<u>APRIL LAHNUM</u>
	phone <u>(303) 573-5100</u>		phone <u>(303) 573-5100</u>
	account no. <u>N9215</u>		account no. <u>N 0910</u>

Well(s) (attach additional page if needed):

Name: <b>**SEE ATTACHED**</b>	API: <u>4304730901</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- 1 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 1-25-95)*
- 2 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 1-25-95)*
- 3 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: #152682. *(#H. 6/91)*
- 4 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- 5 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(4-6-95)*
- 6 6. Cardex file has been updated for each well listed above. *4-18-95*
- 7 7. Well file labels have been updated for each well listed above. *4-18-95*
- 8 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(4-6-95)*
- 9 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

**ENTITY REVIEW**

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes   no) \_\_\_\_ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

**BOND VERIFICATION (Fee wells only)**

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_ . Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

**LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY**

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

**FILMING**

1. All attachments to this form have been microfilmed. Date: May 2 1995.

**FILING**

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

**COMMENTS**

950131 Reg. 410 F5 (27 wells).

9502 Trust Lands Admin. "accepted merger".

950324 BLM/SL Aprv. eH. 11-15-94.

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

UTAH ACCOUNT NUMBER: N9215

LORETTA A MURPHY  
 UMC PETROLEUM CORPORATION  
 PO BOX 549  
 NEWCASTLE WY 82701-0549

REPORT PERIOD (MONTH/YEAR): 6 / 98

AMENDED REPORT  (Highlight Changes)

Well Name	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
USA PEARL BROADHURST #1 4304715692 00225 07S 23E 9	GRRV			U-02651-A		
USA PEARL BROADHURST #4 4304715694 00225 07S 23E 9	GRRV			U-02651-A		
BROADHURST #8 4304730696 00225 07S 23E 10	GRRV			"		
BROADHURST #6 4304730705 00225 07S 23E 9	GRRV			"		
BROADHURST #7 4304730730 00225 07S 23E 9	GRRV			"		
BROADHURST #9 4304730787 00225 07S 23E 10	GRRV			U-02651		
PEARL BROADHURST 10 4304730839 00225 07S 23E 9	GRRV			U-02651-A		
PEARL BROADHURST 11 4304730840 00225 07S 23E 10	GRRV			"		
PEARL BROADHURST #12 4304730841 00225 07S 23E 10	GRRV			"		
PEARL BROADHURST #13 4304730842 00225 07S 23E 9	GRRV			"		
BROADHURST #15 4304730901 00225 07S 23E 9	GRRV			"		
BROADHURST #16 4304730903 00225 07S 23E 10	GRRV			"		
BROADHURST #17 4304730905 00225 07S 23E 10	GRRV			"		
<b>TOTALS</b>						

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I hereby certify that this report is true and complete to the best of my knowledge. Date: \_\_\_\_\_  
 Name and Signature: \_\_\_\_\_ Telephone Number: \_\_\_\_\_

# MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

LORETTA A MURPHY  
UMC PETROLEUM CORPORATION  
PO BOX 549  
NEWCASTLE WY 82701-0549

UTAH ACCOUNT NUMBER: N9215

REPORT PERIOD (MONTH/YEAR): 6 / 98

AMENDED REPORT  (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entry	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
BROADHURST #18			GRRV			H-02651-A		
4304730939	00225	07S 23E 9						
PEARL BROADHURST 19			GRRV			"		
4304730940	00225	07S 23E 9						
BROADHURST #20			GRRV			"		
4304730941	00225	07S 23E 9						
BROADHURST #21			GRRV			"		
4304730942	00225	07S 23E 9						
PEARL BROADHURST 22			GRRV			"		
4304731025	00225	07S 23E 10						
<b>TOTALS</b>								

COMMENTS: \_\_\_\_\_

I hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

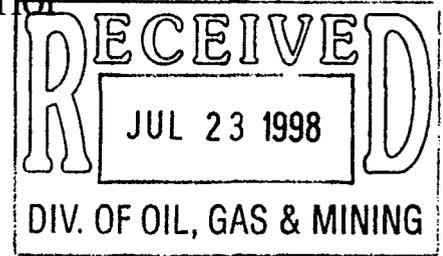
Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_



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:  
3100  
U-02651A et al  
(UT-932)

JUL 21 1998

NOTICE

Ocean Energy, Inc.	:	Oil and Gas: U-02651A, U-
1201 Louisiana, Suite 1400	:	U-09712A, U-020691A, U-8894A,
Houston, TX 77002-5603	:	U-8895A, U-8897A, U-40401, U-64058
(713) 654-9110		

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of UMC Petroleum Corporation into Ocean Energy, Inc. with Ocean Energy, Inc. being the surviving entity.

For our purposes, the merger is recognized effective May 15, 1998, the effective date set by the New Mexico State Office.

The oil and gas lease files identified above have been noted as to the merger. The list was compiled from your list of leases, and a list of leases obtained from our Automated Land and Mineral Record System (ALMRS). We have not abstracted the lease files to determine if the entity affected by the merger holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are 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.

By recognition of the merger, the principal is automatically changed by operation of law from UMC Petroleum Corporation to Ocean Energy, Inc. on Bond No. BO1843 (BLM Bond No. NM1773). A rider amending the principal's name from UMC Petroleum Corporation to Ocean Energy, Inc. has been filed in the New Mexico State Office, examined, and found to be satisfactory.

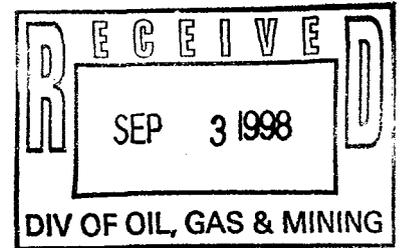
**ROBERT LOPEZ**  
Robert Lopez  
Group Leader,  
Minerals Adjudication Group

cc: Moab District Office  
Vernal Field Office  
MMS-Reference Data Branch, MS 3130, P.O. Box 5860, Denver, CO 80217  
State of Utah, DOGM, Attn: Lisha Cordova (Ste. 1210) P.O. Box 145801, SLC, UT 84114



September 2, 1998

Lisha Cordova  
Utah Department of Natural Resources  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114-5801



RE: Merger of UMC Petroleum Corporation and Ocean Energy, Inc.  
Pearl Broadhurst #2, #4, #5 & #14.

Dear Ms. Cordova:

Effective April 1, 1998, UMC Petroleum Corporation merged with Ocean Energy, Inc. Effective June 30, 1998, all onshore wells were transferred to its wholly owned subsidiary, Ocean Energy Resources, Inc. Enclosed is the requested UIC Form 5's for the subject change of operation for the original merger and the subsequent re-organization in June 30 1998. All wells previously operated by UMC Petroleum in Utah are now operated by Ocean Energy Resources, Inc.

There has been no change in personnel with whom you are already familiar. Furthermore, the address for all notices, revenues and remittances, notifications and general correspondence remains the same:

Ocean Energy, Resources, Inc.  
410 17<sup>th</sup> Street, Suite 1400  
Denver, Colorado 80202

Please distribute this notice to any other applicable departments within your organization that should be aware of this change.

If you have any questions, please feel free to contact the undersigned at (303) 573-4721.

Sincerely,

Scott M. Webb  
Regulatory Coordinator

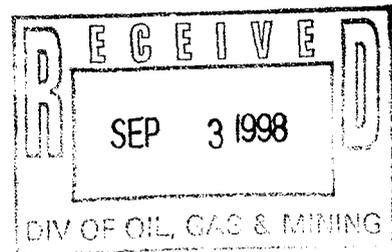
UNITED STATES OF AMERICA  
State of Louisiana



**Box McKeithen**

SECRETARY OF STATE

*As Secretary of State, of the State of Louisiana, I do hereby Certify that*  
the annexed and following is a True and Correct copy of a  
Merger as shown by comparison with document filed and  
recorded in this Office on March 27, 1998.



*In testimony whereof, I have hereunto set  
my hand and caused the Seal of my Office  
to be affixed at the City of Baton Rouge on,*

April 17, 1998

*Box McKeithen*

CGR

*Secretary of State*



## CERTIFICATE OF MERGER

of  
UMC Petroleum Corporation, a Delaware corporation  
into  
Ocean Energy, Inc., a Louisiana corporation

Pursuant to Section 112 of the Louisiana Business Corporation Law (the "LBCL"), Ocean Energy, Inc., a Louisiana corporation ("OEI"), hereby adopts the following Certificate of Merger regarding the merger (the "Merger") of UMC Petroleum Corporation, a Delaware corporation ("UMCPC" and, together with OEI, the "Constituent Corporations"), with and into OEI, with OEI as the surviving corporation (the "Surviving Corporation").

1. Ocean Energy, Inc., a Louisiana corporation, and UMC Petroleum Corporation, a Delaware corporation, are the parties to the Merger.

2. The Agreement and Plan of Merger, dated March 27, 1998 (the "Merger Agreement"), has been approved, adopted, certified, executed and acknowledged by the Constituent Corporations in accordance with Section 112 of the LBCL.

3. The Merger is effective at 3:02 p.m., Central Standard Time, on March 27, 1998.

4. The name of the Surviving Corporation shall be Ocean Energy, Inc.

5. Article III of the Articles of Incorporation of Ocean Energy, Inc. is amended in connection with the Merger to increase the authorized capital of the Surviving Corporation and, as a result of the amendment, Article III shall be and read as follows: *The aggregate number of shares which the corporation shall have authority to issue is 3,000 shares without par value, all of which shares shall be of one class and shall be designated as Common Stock.* The Articles of Incorporation of the Surviving Corporation as amended by the amendment to Article III shall be its articles of incorporation.

6. The executed Merger Agreement is on file at the principal place of business of the Surviving Corporation, 1201 Louisiana, Suite 1400, Houston, Texas 77002.

7. A copy of the Merger Agreement will be furnished by the Surviving Corporation, on request and without cost, to any shareholder of UMC Petroleum Corporation or Ocean Energy, Inc., the parties to the Merger.

This Certificate of Merger is dated this 27th day of March, 1998.

OCEAN ENERGY, INC.

By: 

Name: Robert K. Reeves

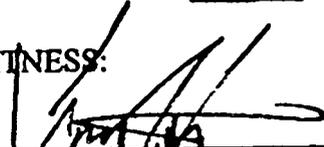
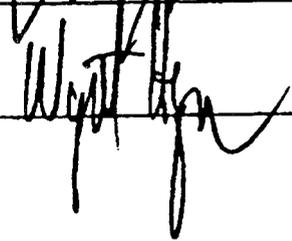
Title: Executive Vice President,  
General Counsel and Secretary

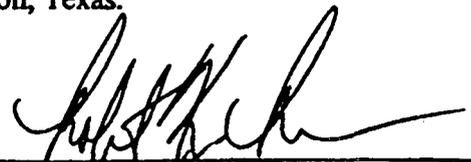
STATE OF TEXAS           §  
   §  
COUNTY OF HARRIS       §

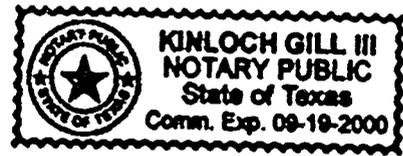
BEFORE ME, the undersigned authority, personally came and appeared Robert K. Reeves, who being duly sworn, declared and acknowledged before me that he is the Executive Vice President, General Counsel and Secretary of Ocean Energy, Inc., a Louisiana corporation, and acknowledged to me that he was authorized and executed the foregoing Certificate of Merger of UMC Petroleum Corporation into Ocean Energy, Inc. in such capacity for the purposes therein expressed, and as his, and said corporation's free act and deed.

IN WITNESS WHEREOF, the said appearer, witnesses and I, notary, have hereunto affixed our hands on this 27<sup>th</sup> day of March, 1998 at Houston, Texas.

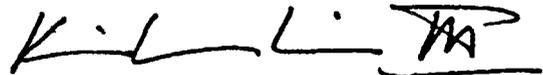
WITNESS:

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

  
\_\_\_\_\_  
Robert K. Reeves



Notary Public in and for  
the State of Texas

  
\_\_\_\_\_

State of Delaware  
Office of the Secretary of State

---

PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"UMC PETROLEUM CORPORATION", A DELAWARE CORPORATION,  
WITH AND INTO "OCEAN ENERGY, INC." UNDER THE NAME OF "OCEAN ENERGY, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF LOUISIANA, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-SEVENTH DAY OF MARCH, A.D. 1998, AT 12:22 O'CLOCK P.M.



Handwritten signature of Edward J. Freel in cursive script.

Edward J. Freel, Secretary of State

2257442 8100M

981130659

AUTHENTICATION: 9012828

DATE: 04-06-98

## CERTIFICATE OF MERGER

Merger of UMC Petroleum Corporation, a Delaware corporation  
With and Into  
Ocean Energy, Inc., a Louisiana corporation

Pursuant to the Provisions of Section 252 of the Delaware General Corporation Law, the undersigned certifies as follows concerning the merger (the "Merger") of UMC Petroleum Corporation, a Delaware corporation, with and into Ocean Energy, Inc., a Louisiana corporation (together with UMC Petroleum Corporation, the "Constituent Corporations"), with Ocean Energy, Inc. as the surviving corporation (the "Surviving Corporation").

1. The Agreement and Plan of Merger, dated March 27, 1998 (the "Merger Agreement"), has been approved, adopted, certified, executed and acknowledged by the Constituent Corporations in accordance with Section 252 of the Delaware General Corporation Law.

2. The Merger contemplated in the Merger Agreement and this Certificate of Merger will be effective at 3:02 p.m., Central Standard Time, on March 27, 1998.

3. The name of the Surviving Corporation shall be Ocean Energy, Inc.

4. Article III of the Articles of Incorporation of Ocean Energy, Inc. is amended in connection with the Merger to increase the authorized capital of the Surviving Corporation and, as a result of the amendment, Article III shall be and read as follows: *The aggregate number of shares which the corporation shall have authority to issue is 3,000 shares without par value, all of which shares shall be of one class and shall be designated as Common Stock.* The Articles of Incorporation of the Surviving Corporation as amended by the amendment to Article III shall be its articles of incorporation.

5. The executed Merger Agreement is on file at the principal place of business of the Surviving Corporation, 1201 Louisiana, Suite 1400, Houston, Texas 77002.

6. A copy of the Merger Agreement will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of UMC Petroleum Corporation or Ocean Energy, Inc.

7. The Surviving Corporation may be served with process in the State of Delaware in any proceeding for enforcement of any obligation of the Constituent Corporations, as well as for enforcement of any obligation of the Surviving Corporation arising from the Merger, including any suit or other proceeding to enforce the right of any stockholder as determined in appraisal proceedings pursuant to the provisions of Section 262 of the Delaware General Corporation Law, and the Surviving Corporation does hereby irrevocably appoint the Secretary of State of

Delaware as its agent to accept service of process in any such suit or other proceedings. The address to which a copy of such process shall be mailed by the Secretary of State of Delaware is c/o Ocean Energy, Inc., 1201 Louisiana, Suite 1400, Houston, Texas 77002, Attention: Secretary, until the Surviving Corporation shall have hereafter designated in writing to the Secretary of State of Delaware a different address for such purpose.

Dated this 27th day of March, 1998.

OCEAN ENERGY, INC.

By: 

Name: Robert K. Reeves

Title: Executive Vice President,  
General Counsel and Secretary

**OPERATOR CHANGE WORKSHEET**

1-IPR ✓	6-EEG KR ✓
2-GLH ✓	7-KAS ✓
3-DTS ✓	8-SI ✓
4-VTD CDW	9-FILE
5-JRB	

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold)       Designation of Agent  
 Designation of Operator       Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 4-1-98 (MERGER)

<b>TO:</b> (new operator)	<u>OCEAN ENERGY INC</u>	<b>FROM:</b> (old operator)	<u>UMC PETROLEUM CORPORATION</u>
(address)	<u>PO BOX 549</u>	(address)	<u>PO BOX 549</u>
	<u>NEWCASTLE WY 82701-0549</u>		<u>NEWCASTLE WY 82701-0549</u>
Phone:	<u>(307) 746-4052</u>	Phone:	<u>(307) 746-4052</u>
Account no.	<u>N3220 (7-31-98)</u>	Account no.	<u>N9215</u>

WELL(S) attach additional page if needed:

Name: <b>**SEE ATTACHED**</b>	API: <u>A3 047.32901</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

**OPERATOR CHANGE DOCUMENTATION**

- Sec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Rec'd 9-3-98)
- Sec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Rec'd 9-3-98)
- Sec 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: Co 209299 (eff. 3-23-98)
- Sec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- Sec 5. Changes have been entered in the **Oil and Gas Information System (3270)** for each well listed above. (7-31-98) \* UIC Quarterly E. DBASE
- Chd 6. **Cardex** file has been updated for each well listed above. (8-3-98)
- Chd 7. Well **file labels** have been updated for each well listed above. (8-3-98)
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (7-31-98)
- Sec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

**ENTITY REVIEW**

- Y lec 1. (r649-8-7) **Entity assignments have been reviewed** for all wells listed above. Were entity changes made? (yes/no) \_\_\_\_ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A lec 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

**BOND VERIFICATION - (FEE WELLS ONLY)**

- N/A lec 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
- \_\_ 2. A **copy of this form** has been placed in the new and former operator's bond files.
- \_\_ 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) \_\_\_\_, as of today's date \_\_\_\_\_. If yes, division response was made to this request by letter dated \_\_\_\_\_.

**LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY**

- N/A lec 1. Copies of documents have been sent on \_\_\_\_\_ to \_\_\_\_\_ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A lec 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated \_\_\_\_\_ 19 \_\_\_\_, of their responsibility to notify all interest owners of this change.

**FILMING**

- Y 1. All attachments to this form have been **microfilmed**. Today's date: 12.8.98.

**FILING**

- \_\_ 1. **Copies** of all attachments to this form have been filed in each **well file**.
- \_\_ 2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

**COMMENTS**

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

# MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

LORETTA A MURPHY  
 OCEAN ENERGY INC  
 PO BOX 549  
 NEWCASTLE WY 82701-0549

UTAH ACCOUNT NUMBER: N3220

REPORT PERIOD (MONTH/YEAR): 12 / 98

AMENDED REPORT  (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
USA PEARL BROADHURST 1								
4304715692	00225	07S 23E 9	GRRV			U-02651-A		
USA PEARL BROADHURST 4								
4304715694	00225	07S 23E 9	GRRV			U-02651-A	* per Sunday W1W	
BROADHURST 8								
4304730696	00225	07S 23E 10	GRRV			U-02651-A		
BROADHURST 6								
4304730705	00225	07S 23E 9	GRRV			U-02651-A		
BROADHURST 7								
4304730730	00225	07S 23E 9	GRRV			U-02651-A		
BROADHURST 9								
4304730787	00225	07S 23E 10	GRRV			U-02651		
PEARL BROADHURST 10								
4304730839	00225	07S 23E 9	GRRV			U-02651-A		
PEARL BROADHURST 11								
4304730840	00225	07S 23E 10	GRRV			U-02651-A		
PEARL BROADHURST 12								
4304730841	00225	07S 23E 10	GRRV			U-02651-A		
PEARL BROADHURST 13								
4304730842	00225	07S 23E 9	GRRV			U-02651-A		
BROADHURST 15								
4304730901	00225	07S 23E 9	GRRV			U-02651-A		
BROADHURST 16								
4304730903	00225	07S 23E 10	GRRV			U-02651-A		
BROADHURST 17								
4304730905	00225	07S 23E 10	GRRV			U-02651-A		
<b>TOTALS</b>								

COMMENTS: \_\_\_\_\_

I hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION & SERIAL NO.

U-025651-A

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1. OIL WELL  GAS WELL  OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR  
Ocean Energy Resources, Inc.

8. FARM OR LEASE NAME

USA Pearl Broadhurst

3. ADDRESS OF OPERATOR  
410 17th Street, Suite 1400, Denver, Colorado 80202

9. WELL NO.

15

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface 552' FSL & 555' FEL SE SE  
At proposed prod. zone

10. FIELD AND POOL, OR WILDCAT

Walker Hollow Field

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

9-7S-R23E

14. API NO.  
43,047,30901

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

12. COUNTY  
Uintah

13. STATE  
UT

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF  FULL OR ALTER CASING   
FRACTURE TREAT  MULTIPLE COMPLETE   
SHOOT OR ACIDIZE  ABANDON   
REPAIR WELL  CHANGE PLANS   
(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF  REPAIRING WELL   
FRACTURE TREATMENT  ALTERING CASING   
SHOOTING OR ACIDIZING  ABANDONMENT\*   
(Other) Change Of Operator   
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

APPROX. DATE WORK WILL START \_\_\_\_\_

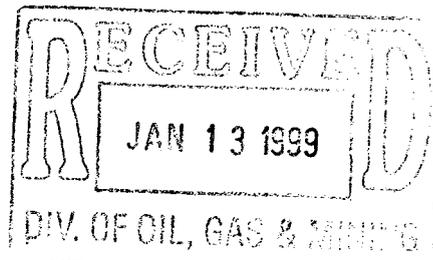
DATE OF COMPLETION \_\_\_\_\_

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

Change of Operator: Effective Date January 1, 1999.\* Must be accompanied by a cement verification report.

Former Operator: Ocean Energy, Resources, Inc. (303) 573-5100  
410 17th Street, Suite 1400  
Denver, Colorado 80202

New Operator: Citation Oil & Gas Corp. (281) 469-9664  
8223 Willow Place South  
Suite 250  
Houston, Texas 77070-5623



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

SIGNED [Signature] TITLE Regulatory Coordinor DATE 1/6/99

(This space for Federal or State office use)

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

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</p>		<p>5. LEASE DESIGNATION &amp; SERIAL NO. U-025651-A</p>
		<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p>
1.	<p>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p>	<p>7. UNIT AGREEMENT NAME</p>
2.	<p>NAME OF OPERATOR Citation Oil &amp; Gas Corp.</p>	<p>8. FARM OR LEASE NAME USA Pearl Broadhurst</p>
3.	<p>ADDRESS OF OPERATOR 8223 Willow Place South, Suite 250, Houston, TX 77070-5623</p>	<p>9. WELL NO. 15</p>
4.	<p>LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 552' FSL &amp; 555' FEL SE SE At proposed prod. zone</p>	<p>10. FIELD AND POOL, OR WILDCAT Walker Hollow Field</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 9-T7S-R23E</p>
14.	<p>API NO. 43,047,30901</p>	<p>12. COUNTY Uintah</p>
	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.)</p>	<p>13. STATE UT</p>

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

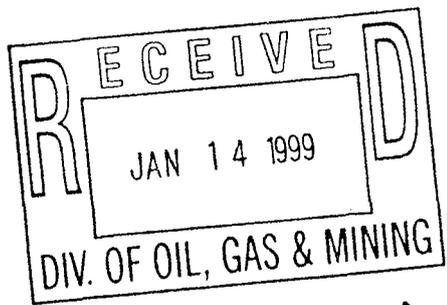
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
<p>TEST WATER SHUT-OFF <input type="checkbox"/></p> <p>FRACTURE TREAT <input type="checkbox"/></p> <p>SHOOT OR ACIDIZE <input type="checkbox"/></p> <p>REPAIR WELL <input type="checkbox"/></p> <p>(Other) <input type="checkbox"/></p>	<p>WATER SHUT-OFF <input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

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

Change of Operator: Effective Date January 1, 1999.\* Must be accompanied by a cement verification report.

Former Operator: Ocean Energy, Resources, Inc. (303) 573-5100  
410 17th Street, Suite 1400  
Denver, Colorado 80202

New Operator: Citation Oil & Gas Corp. (281) 469-9664  
8223 Willow Place South  
Suite 250  
Houston, Texas 77070-5623



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

SIGNED Robert J. Landy TITLE Vice President Land DATE 1-8-99

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:



## United States Department of the Interior

### BUREAU OF LAND MANAGEMENT Vernal Field Office

170 South 500 East Phone: (435) 781-4400  
Vernal, Utah 84078-2799 Fax: (435) 781-4410

IN REPLY REFER TO:

3160  
UT08300

February 17, 1999

Citation Oil & Gas Corporation  
Attn: Sharon Ward  
P O Box 690688  
Houston, TX 77269-0688

Re: USA Pearl Broadhust Wells 1, 2, 4, 5, 6, 7,  
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19,  
20, 21, and 22  
Sec. 9 & 10, T7S, R23E  
Lease U-02651-A  
Uintah County, Utah

Dear Ms. Ward:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Citation Oil & Gas Corporation is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. MT0630, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4492.

Sincerely,

Howard B. Cleavinger II  
Assistant Field Manager for

Minerals Resources

cc: Ocean Energy, Inc.  
Amoco Production Co.  
Utah Div. Oil, Gas & Mining

**From:** <Margie\_Herrmann@ut.blm.gov>  
**To:** <nrogm.krisbeck@state.ut.us>  
**Date:** Tue, Jun 1, 1999 11:18 AM  
**Subject:** Change of Operator

Here goes again! Let me know if you receive it.  
Thank you,  
Margie

# OPERATOR CHANGE WORKSHEET

Routing:	
1-KDR ✓	6-KAS ✓
2-GLH ✓	7-SJ
3-JRB ✓	8-FILE
4-CDW ✓	
5-KDR ✓	T

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold)       Designation of Agent  
 Designation of Operator               Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 1-1-99

<b>TO:</b> (new operator)	<u>CITATION OIL &amp; GAS CORP</u>	<b>FROM:</b> (old operator)	<u>OCEAN ENERGY RESOURCES INC</u>
(address)	<u>8223 WILLOW PL. SOUTH STE 250</u>	(address)	<u>410 17TH STREET STE 1400</u>
	<u>HOUSTON, TX 77070-5623</u>		<u>DENVER, CO 80202</u>
Phone:	<u>(281)469-9664</u>	Phone:	<u>(303)573-5100</u>
Account no.	<u>N0265</u>	Account no.	<u>N3220</u>

**WELL(S)** attach additional page if needed:

Name: <u>*SEE ATTACHED*</u>	API: <u>A3:047,30901</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

## OPERATOR CHANGE DOCUMENTATION

- KDR 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 1.13.99)*
- KDR 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 1.14.99)*
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_
- KDR 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below. *(Rec'd 6.1.99)*
- KDR 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(6.10.99)*
- KDR 6. **Cardex** file has been updated for each well listed above.
- KDR 7. Well **file labels** have been updated for each well listed above. *(\*new filing system)*
- KDR 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *6.10.99*
- KDR 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:

**U 02651-A**

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

**U.S.A. Pearl Broadhurst /5**

9. API Well Number:

**43-047-30901**

10. Field and Pool, or Wildcat:

**Walker Hollow**

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. Type of Well:

OIL  GAS  OTHER:

2. Name of Operator

**Citation Oil & Gas Corp.**

3. Address and Telephone Number:

**8223 Willow Place South, Suite 250, Houston, Texas 77070-5623 (281) 469-9664**

4. Location of Well

Footages: **522 FSL & 555 FEL**  
QQ, Sec., T., R., M.: **SE SE Sec. 9-7S-23E**

County: **Uintah**

State: **Utah**

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

**NOTICE OF INTENT**

(Submit in Duplicate)

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

Other **Return to production (Reperf)**

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

**SUBSEQUENT REPORT**

(Submit Original Form Only)

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

Other \_\_\_\_\_

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

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

\* Must be accompanied by a cement verification report.

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

**Citation Oil & Gas Corp. proposes to return the above well to production with the attached procedure.**

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**OCT 16 2000**

**DIVISION OF OIL, GAS AND MINING**

13.

Name & Signature:

*Sharon Ward*

**Sharon Ward**

Title:

**Regulatory Administrator**

Date:

**10/12/00**

(This space for State use only)

**APPROVED**

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

Date: 10-16-00

**COPY SENT TO OPERATOR**  
Date: 10-16-00  
Initials: CHD

**PROPOSED WORKOVER PROCEDURE  
PEARL BROADHURST #15  
UINTAH COUNTY, UTAH  
(October 5, 2000)**

**OBJECTIVE:**

Squeeze cement Uintah Sand perforations and RTP well.

Perforated intervals:

Uintah Sand: 3736'-3754'.  
Green River "H": 4716'-4722'.  
Green River "J": 5199'-5259'.  
Green River "K": 5272'-5358'.

Proposed perforations:

4747'-51' & 4758'-63' \*Note: Only to be added if Green River "H"  
interval (4716'-22') does not test wet.  
5238'-44', 5250'-54', 5256'-60', 5270'-76', 5310'-14', & 5352'-61'.

\*Note: Squeeze procedure described in step 6 is only to be performed if the Green River "H" (4716'-22') swab tests wet. Consult Gillette office with results.

**PROPOSED PROCEDURE:**

1. MIRU Workover rig and pump.
2. Bleed well down. ND tree. TOH w/ rods & pump. NU BOPE.
3. Release TAC & TOH.
4. Pick up 5-1/2" casing scraper and RIH to 5375'. TOH.
5. Pick up 5-1/2" RBP and 5-1/2" Baker "EA" Retrievmatic packer and RIH. Set the RBP at 4750'. Lay down 2 jnts and set packer at  $\pm$  4650'.
6. Rig up swab equipment and evaluate fluid entry. If hydrocarbon productive, retrieve RBP and set at 3800'. Proceed with squeeze in step 7 using packer. (If all water, dump 2 sx sand on RBP, mix 57 sx Class G cement and pump down tubing. Displace with 28 bbls water. Attempt "walking squeeze". If not possible, over-displace by 5 bbls, then re-squeeze. Release packer and circulate tubing clean. TOH).
7. Pick up 5-1/2" CICR and RIH. Set CICR at 3700'. Mix 60 sx Class G cement and pump down tubing. Displace with 21 bbls water. Sting out of CICR and spot 2 sx cement on top. Lay down 2 jnts tubing and circulate tubing clean. TOH.
8. PU Bit and RIH. Drill out CICR and cement plug at 3700' to  $\pm$  3754'. Circulate hole clean and pressure test casing to 500 psi.
9. RIH and drill out cement plug at  $\pm$  4690' to 4730'. Circulate sand off RBP. Pressure test casing to 500 psi. Release RBP and TOH.
10. Rig up perforators and RIH w/ 4" casing gun and perforate the following with 4 Jspf: 5238'-44', 5250'-54', 5256'-60', 5270'-76', 5310'-14', 5352'-61' and 4747'-51' and 4758'-63'. TOH.
11. PU 5-1/2" RBP and 5-1/2" Baker "EA" Retrievmatic packer and RIH. Set RBP at 5370'. Lay down 7 jnts and set packer at  $\pm$  5150'. Swab to evaluate fluid entry.

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OIL, GAS AND MINING

12. Rig up pump equipment and acidize perforations with 2000 gallons 7-<sup>1</sup>/<sub>2</sub>% HCl with additives (Corrosion Inhibitor, MCA-100, & NEA) and rock salt diverter. Displace with 40 bbls water.
13. Release Packer and retrieve RBP at 5370'. Lay down 18 jnts and set RBP at ± 4800'. Lay down 2 jnts and set packer at 4730'.
14. Acidize perforations (4747-4763) with 1000 gallons 7-<sup>1</sup>/<sub>2</sub>% HCl with additives (Corrosion Inhibitor, MCA-100, & NEA) and rock salt diverter. Displace with 35 bbls water. Release packer and retrieve RBP. TOH.
15. PU mud anchor and BHA and RIH w/ production tubing. RIH to check fill at ± 5421'. Pick up on tubing and set TAC at ± 5190'. Swab well down and evaluate entry.
16. ND BOPE. RIH w/ pump and rods. NU tree. Hang on horses head. Fill tubing. Space out pump. Pressure test to 500 psi.
17. Return well to production.

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OIL, GAS AND MINING

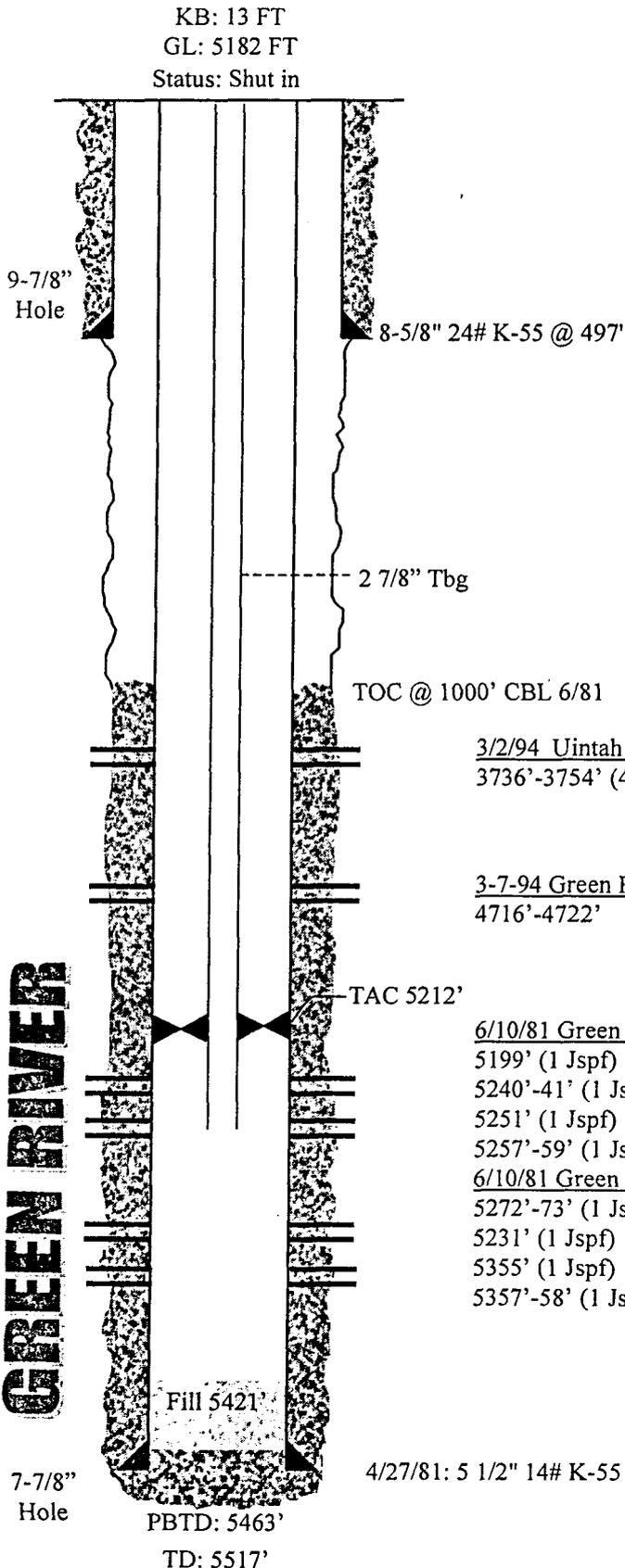
**CITATION OIL & GAS CORP.**  
**WALKER HOLLOW PEARL BROADHURST #15**  
 (SE/SE) Sec. 9-T7S-R23E  
 UINTAH CO., UTAH

API:

ROD DETAIL			
Qty	Size	Type	Length
86	7/8"	Scrapered	2150
126	3/4"	Plain	3150
Polish rod: 1.5" X 22'			
Pony rods: 1-4', 2-6', 1-3/4" X 2'			
Pump: rod & 2.5"x1.75" RHAC			

TUBING DETAIL			
Qty	Description	Length	Depth
----	KB	13	13
163	2 7/8", 6/5ppf, J-55, 8rd, EJE ctd	5197.01	5210.01
1	5.5"X2.5" TAC	2.8	5212.81
4	2 7/8", 6/5ppf, J-55, 8rd, EJE ctd	127.78	5340.59
1	2 7/8" SN	1.1	5341.69
1	2 7/8", EUE, J-55, 8rd perf sub	6.1	5347.79
1	2 7/8", 6/5ppf, J-55, 8rd, EJE ctd	32.38	5380.17

CASING DETAIL			
Size	Weight	Grade	Depth
8-5/8"	24	K-55	0-497'
5-1/2"	14	K-55	0-5503'



3/2/94 Uintah Sand  
3736'-3754' (4 Jspf)

3/3/94 Stimulation  
Broke perms w/500 gal Xylene.  
750 gal 7.5% MSR 5 bpm @  
1600#, ISIP: 630#

3-7-94 Green River "H"  
4716'-4722'

6/10/81 Green River "J"  
5199' (1 Jspf)  
5240'-41' (1 Jspf)  
5251' (1 Jspf)  
5257'-59' (1 Jspf)  
6/10/81 Green River "K"  
5272'-73' (1 Jspf)  
5231' (1 Jspf)  
5355' (1 Jspf)  
5357'-58' (1 Jspf)

6/13/81 Stimulation:  
Broke perms w/ 1000 gal 7.5% HCL-MSR  
6/16/81 Frac(both zones):  
10,000 gal Stratafrac II pad  
38,000 gal Stratafrac II fluid  
56,000 # 20-40 sand  
33,000 # 10-20 sand

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SEP 15 2000

DIVISION OF  
OIL, GAS AND MINING

**All depths KB unless noted.**  
**Updated: 9-14-00 MW**

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:

**U 02651-A**

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

1. Type of Well:

OIL  GAS  OTHER:

8. Well Name and Number:

**USA Pearl Broadhurst #15**

2. Name of Operator

**Citation Oil & Gas Corp.**

9. API Well Number:

**43-047-30901**

3. Address and Telephone Number:

**8223 Willow Place South, Suite 250, Houston, Texas 77070-5623 (281) 469-9664**

10. Field and Pool, or Wildcat:

**Walker Hollow**

4. Location of Well

Footages: **522 FSL & 555 FEL**  
QQ, Sec., T., R., M.: **SE SE Sec. 9--7S-23E**

County: **Uintah**

State: **UT**

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

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

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

**Return to production**  
Other \_\_\_\_\_

Approximate date work will start **2000**

**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.

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.)

**Citation Oil & Gas Corp. is resubmitting altered procedures to return above well to production.**

13.

Name & Signature: Sharon Ward Sharon Ward Title: Regulatory Administrator Date: 11/2/00

(This space for State use only)

Federal Approval Of This  
Action Is Necessary

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 11/17/2000  
BY: [Signature]

**PROPOSED WORKOVER PROCEDURE  
PEARL BROADHURST #15  
UINTAH COUNTY, UTAH  
(October 31, 2000)**

**OBJECTIVE:**

Squeeze cement Uintah Sand perforations and RTP well.

Perforated intervals:

    Uintah Sand: 3736'-3754'.  
    Green River "H": 4716'-4722'.  
    Green River "J": 5199'-5259'.  
    Green River "K": 5272'-5358'.

Proposed perforations:

    Du 5b: 4726'-32' \* Consult with Gillette office prior to perf  
    Du 5c: 4747'-51'  
    Du 5c: 4758'-63'  
    Du 8b: 5226'-30'  
    Du 8c: 5233'-36'  
    Du 8d: 5238'-44'  
    DL1a: 5250'-54'  
        5256'-60'  
        5270'-76'  
        5310'-14'  
        5352'-61'

**PROPOSED PROCEDURE:**

1. MIRU Workover rig and pump.
2. Bleed well down. ND tree. TOH w/ rods & pump. NU BOPE.
3. Release TAC & TOH.
4. Pick up 5-1/2" casing scraper and RIH to 5375'. TOH.
5. Pick up 5-1/2" RBP and 5-1/2" Baker "EA" Retrievamatic packer and RIH. Set the RBP at 4750'. TOH with 3 jnts and set packer at  $\pm$  4650'.
6. Rig up swab equipment and evaluate fluid entry:
  - If wet, re-set packer at  $\pm$  4500'. Pump 50 sx Class G cement down tubing. Displace with 30 bbls water to leave TOC at  $\pm$  4680'. (Attempt walking squeeze, if not possible over displace 5 bbls and re-squeeze). Release packer and circulate tubing clean. Re-set packer. WOC overnight. Test squeeze. Re-set packer at  $\pm$  3500'.
  - If hydrocarbon productive, retrieve RBP and set at 3900'. Spot 2 sx sand on RBP. Set packer at  $\pm$  3500'
7. Mix 50 sx Class G cement and pump down tubing. Displace with 25 bbls water to leave TOC at  $\pm$  3700'. Release packer, reverse clean, re-set packer. SION to WOC.
8. TOH w/ packer. PU 4 3/4" bit and 6-3 1/2" DC's and RIH. Drill out cement. Circulate hole clean and pressure test casing to 500 psi. TOH w/ bit. Retrieve RBP at 3900'. TOH.

9. Rig up perforators and RIH w/ 4" casing gun. Perforate (w/ 4 Jspf) 5226'-30', 5233'-36', 5238'-44', 5250'-54', 5256'-60', 5270'-76', 5310'-14', 5352'-61'. TOH.
10. PU 5-1/2" RBP and 5-1/2" Baker "EA" Retrievmatic packer and RIH. Set RBP at 5370'. TOH w/ 7 jnts and set packer at  $\pm$  5150'. Swab to evaluate fluid entry.
11. Rig up pump equipment and acidize perforations with 4000 gallons 7-1/2% HCl with additives and rock salt diverter (Additive package to be specified). Displace with 40 bbls water. Swab back load volume and evaluate entry.
12. Release packer and retrieve RBP at 5370'. Set RBP at 4800'. TOH w/ packer.
13. Rig up perforators and RIH w/ 4" casing gun. Perforate (w/ 4 Jspf) 4726'-32', 4747'-51', 4758'-63'. TOH.
14. TIH w/ 5-1/2" Baker "EA" Retrievmatic packer and RIH. Set packer at 4724'.
15. Acidize perforations with 1500 gallons 7-1/2% HCl with additives and rock salt diverter (Additive package to be specified). Displace with 35 bbls water. Swab back load volume and evaluate entry. Release packer and retrieve RBP. TOH.
16. PU mud anchor, SN, and TAC and RIH w/ production tubing. RIH to check fill at  $\pm$  5421'. Pick up on tubing and set SN at  $\pm$  5375' w/ TAC at  $\pm$  5374'. Swab well down and evaluate entry.
17. ND BOPE. RIH w/ pump and rods. NU tree. Hang on horses head. Fill tubing. Space out pump. Pressure test to 500 psi.
18. Return well to production.

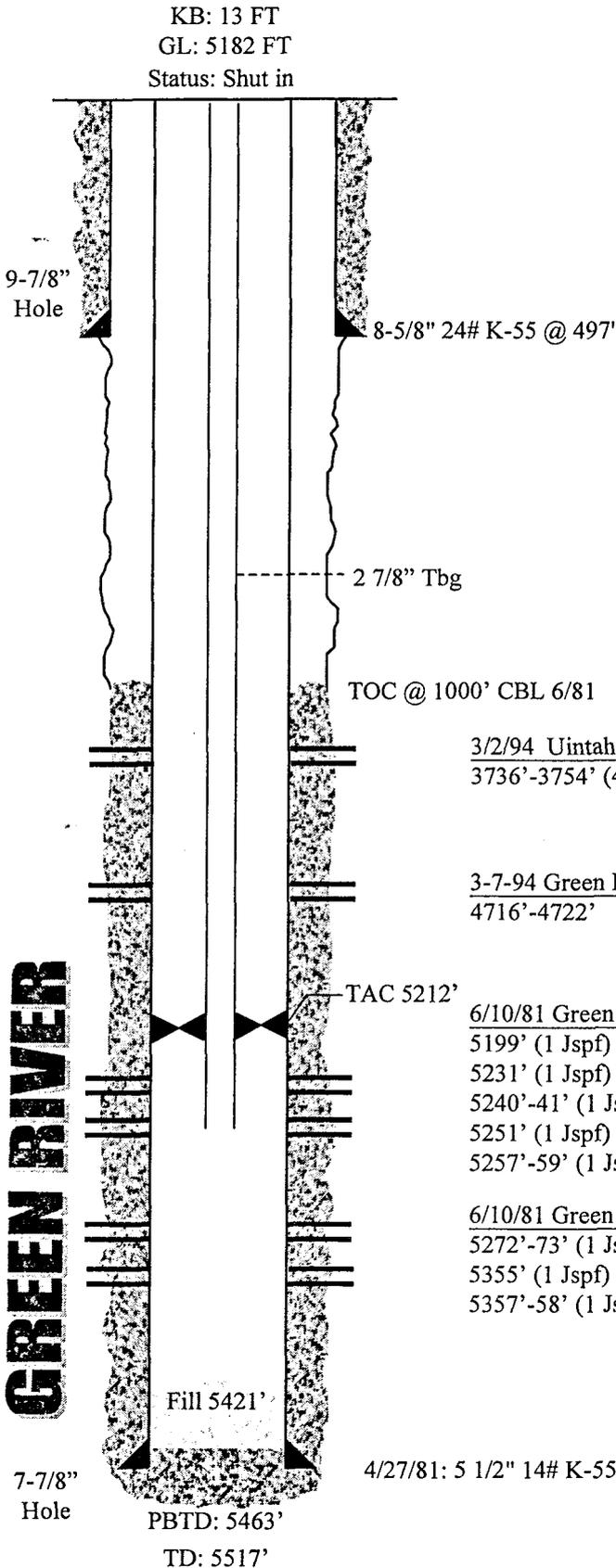
**CITATION OIL & GAS CORP.**  
**WALKER HOLLOW PEARL BROADHURST #15**  
 (SE/SE) Sec. 9-T7S-R23E  
 UINTAH CO., UTAH

API:

ROD DETAIL			
Qty	Size	Type	Length
86	7/8"	Scrapered	2150
126	3/4"	Plain	3150
Polish rod: 1.5" X 22'			
Pony rods: 1-4', 2-6', 1-3/4" X 2'			
Pump: rod & 2.5"x1.75" RHAC			

TUBING DETAIL			
Qty	Description	Length	Depth
----	KB	13	13
163	2 7/8", 6/5ppf, J-55, 8rd, EUE ctd	5197.01	5210.01
1	5.5"X2.5" TAC	2.8	5212.81
4	2 7/8", 6/5ppf, J-55, 8rd, EUE ctd	127.78	5340.59
1	2 7/8" SN	1.1	5341.69
1	2 7/8", EUE, J-55, 8rd perf sub	6.1	5347.79
1	2 7/8", 6/5ppf, J-55, 8rd, EUE ctd	32.38	5380.17

CASING DETAIL			
Size	Weight	Grade	Depth
8-5/8"	24	K-55	0-497'
5-1/2"	14	K-55	0-5503'



3/2/94 Uintah Sand  
 3736'-3754' (4 Jspf)

3/3/94 Stimulation  
 Broke perms w/500 gal Xylene.  
 750 gal 7.5% MSR 5 bpm @  
 1600#, ISIP: 630#

3-7-94 Green River "H"  
 4716'-4722'

6/10/81 Green River "J"  
 5199' (1 Jspf) Squeezed  
 5231' (1 Jspf)  
 5240'-41' (1 Jspf)  
 5251' (1 Jspf)  
 5257'-59' (1 Jspf)

6/13/81 Stimulation:  
 Broke perms w/ 1000 gal 7.5% HCL-MSR  
6/16/81 Frac(both zones):  
 10,000 gal Stratafrac II pad  
 38,000 gal Stratafrac II fluid  
 56,000 # 20-40 sand  
 33,000 # 10-20 sand

6/10/81 Green River "K"  
 5272'-73' (1 Jspf)  
 5355' (1 Jspf)  
 5357'-58' (1 Jspf)

4/27/81: 5 1/2" 14# K-55 @ 5503' w/ 1320 sx

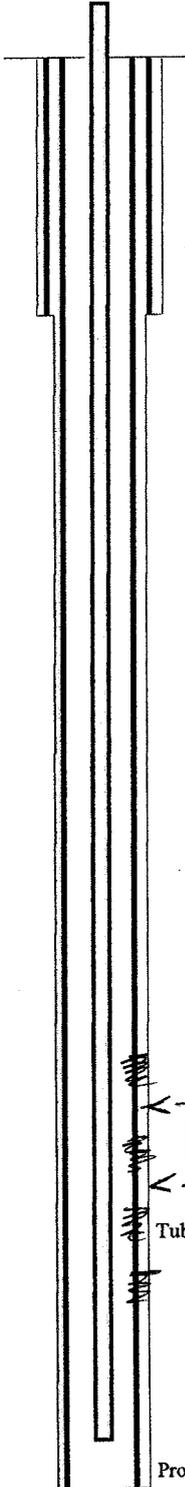
**All depths KB unless noted.**  
**Updated: 10-20-00 MW**

API Well No: 43-047-30901-00-00 Permit No:  
 Company Name: CITATION OIL & GAS CORP  
 Location: Sec: 9 T: 7S R: 23E Spot: SESE  
 Coordinates: X: 4453116 Y: 642598  
 Field Name: WALKER HOLLOW  
 County Name: UINTAH

Well Name/No: BROADHURST 15

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOL1	497	9.875		
SURF	497	8.625	24	497
HOL2	5503	7.875		
PROD	5503	5.5	14	5503
T1	5232	2.875		



Hole: 9.875 in. @ 497 ft. ✓

Surface: 8.625 in. @ 497 ft. ✓

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	5503	0	LT	880
PROD	5503	0	PC	440
SURF	497	0	G	36

Perforation Information

3736' - 3754'  
 4716' - 4722'  
 5199' - 5259'  
 5272' - 5358'

Formation Information

Formation	Depth	Formation	Depth
UNTA	0		
GRRV	2800		

Swab test

5380

Tubing: 2.875 in. @ 5232 ft.

Production: 5.5 in. @ 5503 ft. ✓

TD: 5517 TVD:

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:

**Federal UTU02651A**

6. If Indian, Allottee or Tribe Name:

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

7. Unit Agreement Name:

1. Type of Well:

OIL  GAS  OTHER:

8. Well Name and Number:

**USA Pearl Broadhurst #15**

2. Name of Operator

**Citation Oil & Gas Corp.**

9. API Well Number:

**43-047-30901**

3. Address and Telephone Number:

**P.O. Box 690688, Houston, Texas 77269-0688 (281) 517-7194**

10. Field and Pool, or Wildcat:

**Walker Hollow Green River**

4. Location of Well

Footages: **522' FSL & 555' FEL**  
QQ, Sec., T., R., M.: **SE SE, Sec. 9, T7S, R23E**

County: **Uintah**

State: **Utah**

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

NOTICE OF INTENT  
(Submit in Duplicate)

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

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

SUBSEQUENT REPORT  
(Submit Original Form Only)

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

Date of work completion **12/8/2000**

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

\* Must be accompanied by a cement verification report.

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

**MIRU & unseated pump. POOH with rods, pump & tubing. RIH & tagged fill @5430'. Pumped 30 bbls NGL down tubing & rev hole clean with hot wtr. POOH. Swabbed perms. Set pkr @3498' & tested annulus to 700 psi. Squeezed Uintah perms (3736' - 3754') with 75 sx "G". Tested squeeze to 500 psi - OK. POOH & TIH with bit, DC's & tubing - TOC @3630'. Drld out hard cmt to 3701' & CHC. Drld cmt 3701' - 3760' & tested csg to 500 psi - OK. RIH to 5385' & pmp'd 50 bbls 2% KCl down tubing and PUH to 4995'. RUWL, tagged fill @5385'. Ran GR-CCL 5385' - 5100'. Perf'd 5226' - 5361' with 4" csg gun, 4 spf. Set 5-1/2" RBP @5370'; pkr @5157'. Tested annulus to 500 psi. Swab tested perms. Rel'd pkr & reset RBP @5235' & pkr @5157'. Tested annulus to 500 psi. Rel'd pkr @5157' & RBP. POOH, RU WL & ran GR-CCL 5382' - 5100'. Set 5-1/2" CIBP @5235' & pkr @5137'. POOH with pkr & RIH with sandline drill. Drilled out CIBP @5235' & chased to btm. RIH with production tubing and landed TAC @5169'; SN @5268' & end of tubing @5302'. RIH with 1-3/4" RHAC pump, seated pump & RDMO. Well back on production 12/8/00. As of 12/16/2000 producing 3 BOPD & 237 BWPD.**

13.

Name & Signature: *Debra Harris* **Debra Harris** Title: Prod./Regulatory Coord. Date: 12/18/2000

(This space for State use only)

**RECEIVED**

**DEC 20 2000**

**DIVISION OF  
OIL, GAS AND MINING**

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial Number:

**UTU 02651A**

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

**USA Pearl Broadhurst 15**

9. API Well Number:

**43-047-30901**

10. Field and Pool, or Wildcat:

**Walker Hollow Green River**

1. Type of Well:

OIL  GAS  OTHER:

2. Name of Operator

**Citation Oil & Gas Corp.**

3. Address and Telephone Number:

**8223 Willow Place South, Suite 250, Houston, Texas 77070-5623 (281) 469-9664**

4. Location of Well 552

Footages: **522 FSL & 555 FEL**

QQ, Sec., T., R., M.: **SE SE Sec. 9-7S-23E**

County: **Uintah**

State: **Utah**

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

**NOTICE OF INTENT**

(Submit in Duplicate)

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

Other \_\_\_\_\_

Approximate date work will start 2001

**SUBSEQUENT REPORT**

(Submit Original Form Only)

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

Other \_\_\_\_\_

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

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

\* Must be accompanied by a cement verification report.

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

**Citation Oil & Gas Corp. request permission to open additional perforations and acidize subject well to increase production with the attached procedure.**

Federal Approval Of This  
Action Is Necessary

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

Date: 4/23/01  
By: R. M. M. [Signature]

APPROVED TO OPERATOR  
DATE: 4/23/01  
BY: C.H.D.

RECEIVED

DIVISION OF  
OIL, GAS AND MINING

13.

Name & Signature:

Sharon Ward

Sharon Ward

Title:

Regulatory Administrator

Date:

4/17/01

(This space for State use only)

**PROPOSED WORKOVER PROCEDURE  
PEARL BROADHURST #15  
UINTAH COUNTY, UTAH  
(April 6, 2001)**

**OBJECTIVE:**

Perforate the Du5b & Du5c intervals. Acidize the Du5b-DL1a perforations.

Perforated intervals:

Du8b: 5226'-30'

Du8c: 5238'-44'

5250'-54'

5256'-60'

5270'-76'

Du8d: 5272'-73'

5310'-14'

5333'-36'

5352'-61'

Proposed perfs:

Du5b: 4716'-22'

4726'-32'

Du5c: 4747'-51'

4758'-63'

Correlate w/ CBL dated 6/3/81

**PROPOSED PROCEDURE:**

1. MIRU workover rig. Bleed well down. ND Tree. TOH w/ rods and pump. NU BOPE.
2. Release TAC. TOH w/ 2-<sup>7</sup>/<sub>8</sub>" tubing.
3. PU 4-<sup>3</sup>/<sub>4</sub>" bit and casing scraper and RIH to tag PBTD (fill) at 5385'. TOH.
4. Rig up wireline equipment. RIH w/ 4" casing gun. Perforate the intervals 4758'-63', 4747'-51', 4726'-32', 4716'-22' w/ 4 Jspf. TOH w/ perf guns.
5. Hydrotest in hole with 5-<sup>1</sup>/<sub>2</sub>" C-3 packer and 5-<sup>1</sup>/<sub>2</sub>" RBP. Set the RBP @ 5365', pick up and set the packer at 5210'.
6. Rig up stimulation equipment.
7. Acidize perforations 5226'-5361' w/ 4000 gallons 7.5% HCl-MSR w/ diverter (additives and diverter to be specified). Displace with 32 bbls produced water. Shut down and monitor ISIP-15 min leak-off pressure.
8. Release the 5-<sup>1</sup>/<sub>2</sub>" packer at 5210'. RIH & retrieve the RBP at 5365'. POH & re-set the RBP at 4800', pick up and set the packer at 4700'.
9. Acidize perforations 4716'-4763' w/ 2000 gallons 7.5 % HCl-MSR w/ diverter (additives and diverter to be specified). Displace with 28 bbls produced water. Shut down and monitor ISIP-15 min leak-off pressure. RDMO stimulation equipment.
10. Release the packer at 4700'. RIH & release the RBP at 4800'. POH to ± 4675'.
11. Swab back load volume or until pH= ±7.
12. TOH w/ packer and RBP.
13. RIH w/ tubing anchor and BHA. Set TAC at 5169'. ND BOPE.

14. RIH w/ pump & rods. NU Tree. Hang well off. Space out pump. Load tubing and pressure test pump w/ pumping unit.
15. RDMO workover rig.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:

**Federal UTU02651A**

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. Type of Well:

OIL  GAS  OTHER:

8. Well Name and Number:

**USA Pearl Broadhurst #15**

2. Name of Operator

**Citation Oil & Gas Corp.**

9. API Well Number:

**43-047-30901**

3. Address and Telephone Number:

**P.O. Box 690688, Houston, Texas 77269-0688 (281) 517-7194**

10. Field and Pool, or Wildcat:

**Walker Hollow Green River**

4. Location of Well

Footages: **522' FSL & 555' FEL**  
QQ, Sec., T., R., M.: **SE SE, Sec. 9, T7S, R23E**

County: **Uintah**

State: **Utah**

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

NOTICE OF INTENT  
(Submit in Duplicate)

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

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

SUBSEQUENT REPORT  
(Submit Original Form Only)

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

Date of work completion **05/14/2001**

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

\* Must be accompanied by a cement verification report.

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

**MIRU and POOH with rods, pump and tubing. RIH with bit & scraper - tagged fill @5375' with btm perf @5361'. POOH & RU Schl. Ran GR-CCL from 5370' - 4000'. Perf'd 4758' - 63'; 4747'-51'; 4726'-32' and 4716'-22' with 4" csg gun, 4 spf. Started hydro-test in hole to 6000 psi with RBP and pkr; set RBP @5052' & pkr @5003' - tst'd RBP to 1000 psi - OK. Set RBP @5358' & pkr @5126' - acidized with 6000 gals 7.5% double FE acid with 10% xylene. POOH and TIH with production tubing - SN @5169'; end of tubing @5301'. TIH with pump and rods. Returned to production on 5/14/2001.**

13.

Name & Signature:

*Debra Harris*

**Debra Harris**

Title:

**Prod./Regulatory Coord.**

Date:

**5/15/2001**

(This space for State use only)

**RECEIVED**

MAY 15 2001

DIVISION OF  
OIL, GAS AND MINING

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>UTU-02651-A</b>
		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: <b>USA Pearl Broadhurst</b>
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: <b>USA Pearl Broadhurst 15</b>	
2. NAME OF OPERATOR: <b>Citation Oil &amp; Gas Corp.</b>		9. API NUMBER: <b>4304730901</b>
3. ADDRESS OF OPERATOR: P O Box 690688 CITY <b>Houston</b> STATE <b>TX</b> ZIP <b>77269</b>	PHONE NUMBER: <b>(281) 517-7800</b>	10. FIELD AND POOL, OR WLD CAT: <b>Walker Hollow Green River</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>522' FSL L&amp; 555' FEL</b>		COUNTY: <b>Uintah</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SESE 9 7S 23E</b>		STATE: <b>UTAH</b>

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

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

Citation Oil & Gas Corp. requests permission to re-open this well in a temporarily abandoned status pending a Reservoir study of the field to determine the feasibility of returning this well to production. The lack of reservoir support is currently keeping this well shut in. This well was shut-in in December, 2002 with some equipment being removed from the location. We are in the process of realigning injection in order to sweep the D8c, D8b and the DL1A formations. Once results are obtained, Citation will begin reactivating wells.

FILED TO OPERATOR  
**3-14-07**  
**RM**

NAME (PLEASE PRINT) <u>Sharon Ward</u>	TITLE <u>Permitting Manager</u>
SIGNATURE <u>Sharon Ward</u>	DATE <u>2/14/2007</u>

(This space for State use only)

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

Date: 3/13/07  
By: [Signature]

Federal Approval Of This  
Action Is Necessary

**RECEIVED  
FEB 20 2007**

DIV. OF OIL, GAS & MINING

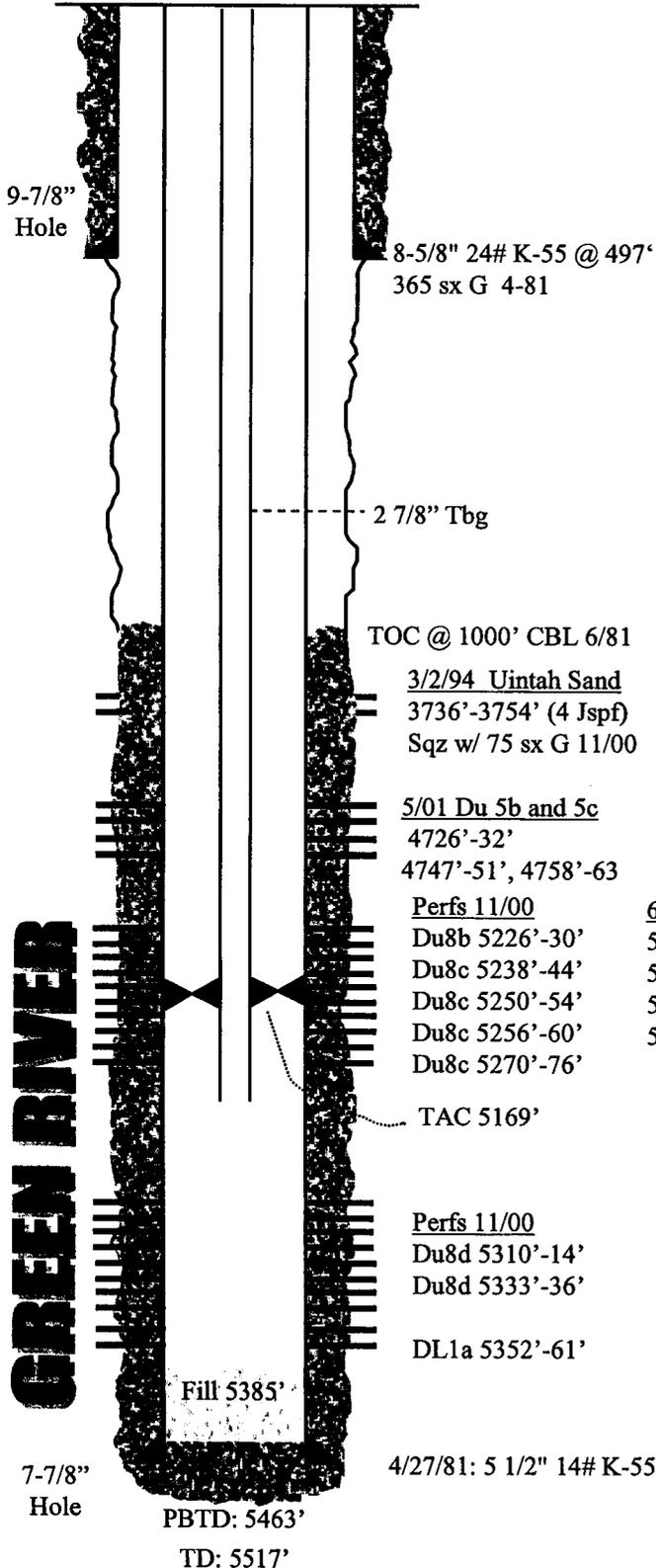
(5/2000) See Instructions on Reverse Side

**CITATION OIL & GAS CORP.**  
**WALKER HOLLOW PEARL BROADHURST #15**  
**(SE/SE) Sec. 9-T7S-R23E**  
**UINTAH CO., UTAH**

API:

84	7/8"	Guided	2100
124	3/4"	Plain	3100
Polish rod: 1.5" X 22'			
Pony rods: 1-4', 2-6', 1-3/4" X 2'			
Pump: rod & 2.5"x1.75"x12x15-1/2"			
RHAC			

KB: 13 FT  
 GL: 5182 FT  
 Status: Shut in



Qty	Description	Length	Depth
----	KB	13	13
1	2-7/8" pup jt	10	23
161	2 7/8", 6/5ppf, J-55, 8rd, EUE ctd	5146	5169
1	5.5"X2.5" TAC	2.8	5171.8
3	2 7/8", 6/5ppf, J-55, 8rd, EUE ctd	96.2	5268
1	2 7/8" SN	1.1	5269.1
1	2 7/8", 6/5ppf, J-55, 8rd, EUE, with	27.38	5296.48
1	notched pin		

CASING DETAIL			
Size	Weight	Grade	Depth
8-5/8"	24	K-55	0-497
5-1/2"	14	K-55	0-5503

3/3/94 Stimulation  
 Broke perfs w/500 gal Xylene.  
 750 gal 7.5% MSR 5 bpm @  
 1600#, ISIP: 630#

3/7/94 Green River "H"  
 4716'-22'

6/10/81 Green River "J" 5199' (1 Jspf) Squeezed  
 5240'-41' (1 Jspf)  
 5251' (1 Jspf)  
 5257'-59' (1 Jspf)

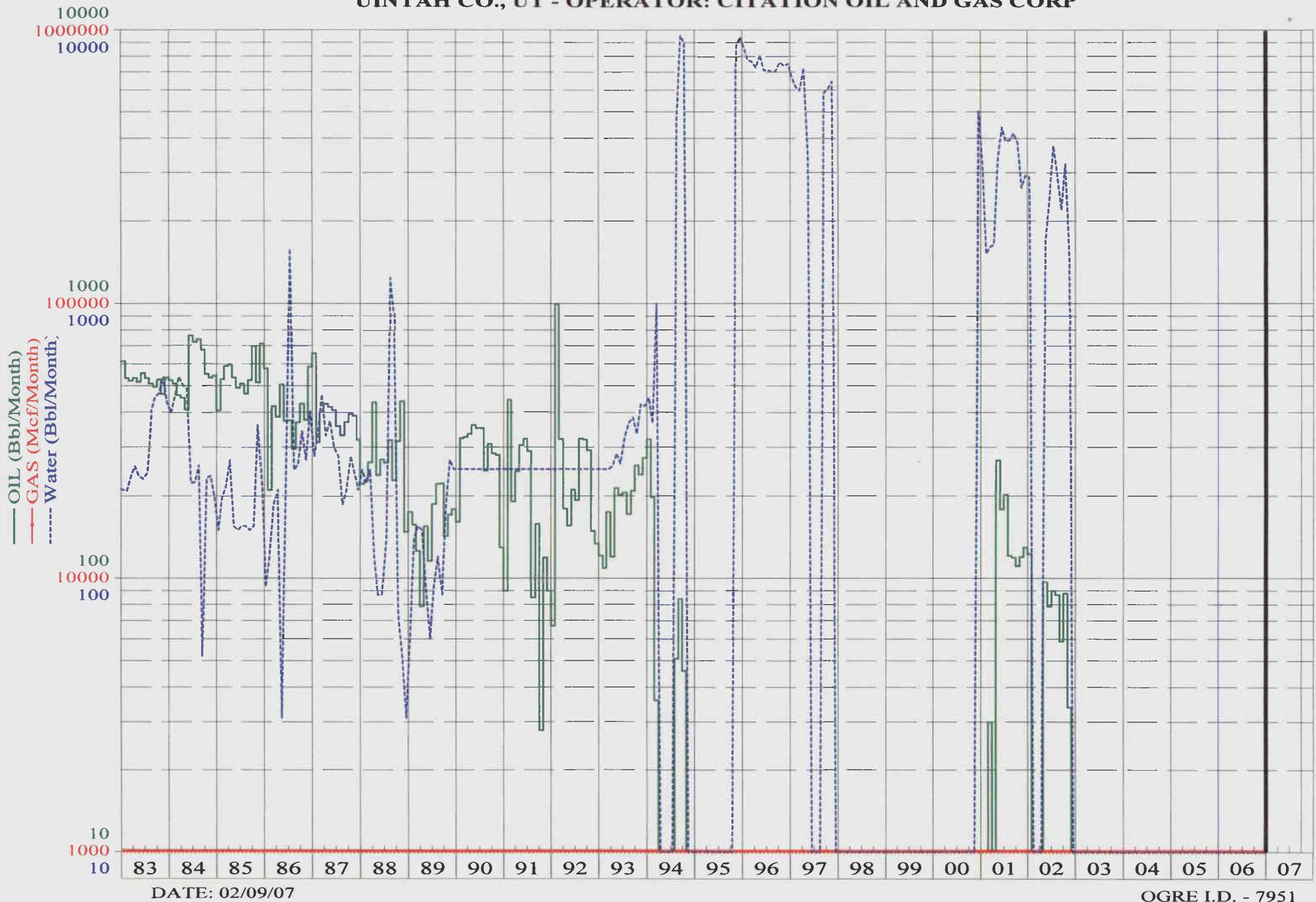
6/13/81 Stimulation:  
 Broke perfs w/ 1000 gal 7.5% HCL-MSR  
6/16/81 Frac(both zones):  
 10,000 gal Stratafrac II pad  
 38,000 gal Stratafrac II fluid  
 56,000 # 20-40 sand  
 33,000 # 10-20 sand

6/10/81 Green River "K"  
 5272'-73' (1 Jspf)  
 5311.5 (1 Jspf)  
 5353 (1 Jspf)  
 5355' (1 Jspf)  
 5357'-58' (1 Jspf)

4/27/81: 5 1/2" 14# K-55 @ 5503' w/ 1320 sx

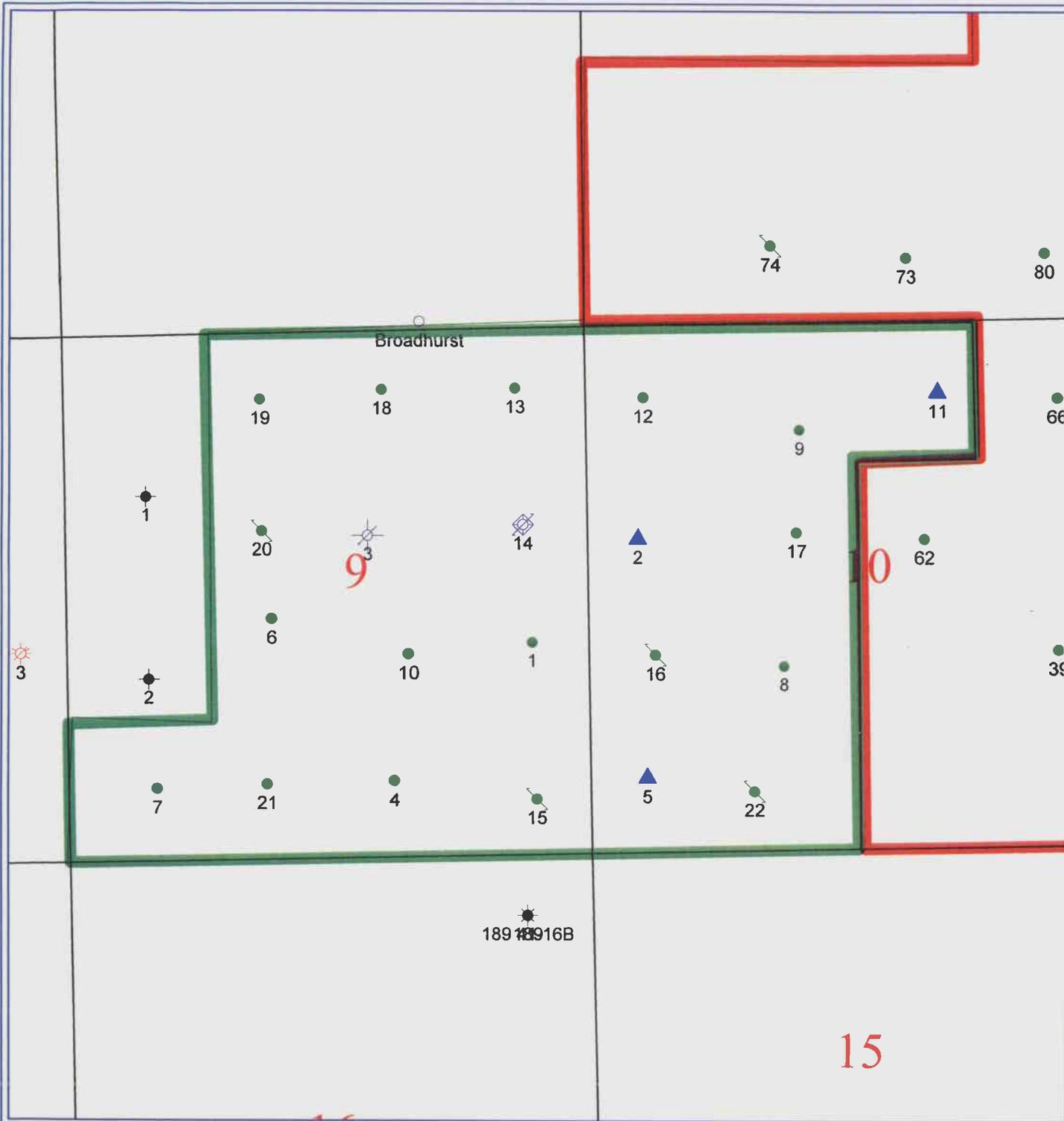
**All depths KB unless noted.**  
**Updated: 5-27-04 BC**

**BROADHURST, USA PEARL 15**  
**WALKER HOLLOW FIELD**  
**UINTAH CO., UT - OPERATOR: CITATION OIL AND GAS CORP**



DATE: 02/09/07

OGRE I.D. - 7951



### Citation Oil & Gas

Uintah Co., UT

Pearl Broadhurst Unit



#### POSTED WELL DATA

●  
Well Number

#### WELL SYMBOLS

- Oil Well
- ☀ Gas Well
- ▲ Injection Well
- Plugged and Abandoned
- ⊗ SI Injector
- ☀ Plugged & Abandoned Gas Well
- ⊗ Abandoned Water Injector
- Shut In Oil Well
- Location

February 9, 2007

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**UTU 02651A**

**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:  
**USA Pearl Broadhurst**

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

8. WELL NAME and NUMBER:  
**USA Pearl Broadhurst 15**

2. NAME OF OPERATOR:  
**Citation Oil & Gas Corp.**

9. API NUMBER:  
**4304730901**

3. ADDRESS OF OPERATOR:  
P O Box 690688 CITY **Houston** STATE **TX** ZIP **77269**

PHONE NUMBER:  
**(281) 517-7800**

10. FIELD AND POOL, OR WLD CAT:  
**Walker Hollow Green River**

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: **522' FSL L & 555' FEL**

COUNTY: **Uintah**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **SESE 9 7S 23E**

STATE: **UTAH**

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

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

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

Citation Oil & Gas Corp. requests approval to retain this well in a temporarily abandoned status for potential reactivation. The well was shut in December, 2002. There is 2-7/8" tubing, RHAC pump and rods in the well.

COPY SENT TO OPERATOR

Date: 6.10.2008

Initials: KS

NAME (PLEASE PRINT) Debra Harris

TITLE Regulatory Compliance Coordinator

SIGNATURE *Debra Harris*

DATE 3/7/2008

(This space for State use only)

**REQUEST DENIED**  
Utah Division of  
Oil, Gas and Mining

Federal Approval Of This  
Action Is Necessary

**RECEIVED**  
**MAR 10 2008**

(5/2000)

Date: 6/4/08  
By: *Debra Harris*  
\* See 2649-3-36

(See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

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

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side.**

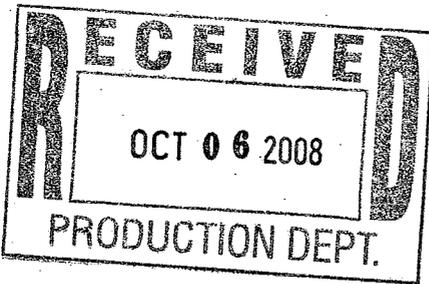
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU 02651A
2. Name of Operator Citation Oil & Gas Corp.		6. If Indian, Allottee, or Tribe Name
3a. Address P.O. Box 690688, Houston, TX 77269-0688	3b. Phone No. (include area code) (281) 517-7194	7. If Unit or CA. Agreement Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 522' FSL    555' FEL    Sec 9    T7S    R23E    SE    SE		8. Well Name and No. USA Pearl Broadhurst    15
		9. API Well No. 43-047-30901
		10. Field and Pool, or Exploratory Area Walker Hollow Green River
		11. County or Parish, State Uintah County, Utah

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

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

13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will be performed or provide the Bond No. on file with the 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 Notice 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.)

Citation Oil & Gas Corp. requests approval to retain this well in a temporarily abandoned status for potential reactivation. The well was shut in December, 2002. There is 2-7/8" tubing, RHAC pump and rods in the well.



TA Status Approved  
For 12 Month Period  
thru 8/27/2009  
per BLM - 10/17/08



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

Name (Printed/ Typed) Debra Harris	Title Regulatory Compliance Coordinator
Signature <i>Debra Harris</i>	Date 3/7/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>[Signature]</i>	Patroleum Engineer	Date AUG 28 2008
Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make 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 page 2)

CR, SEN, DA

OPERATOR

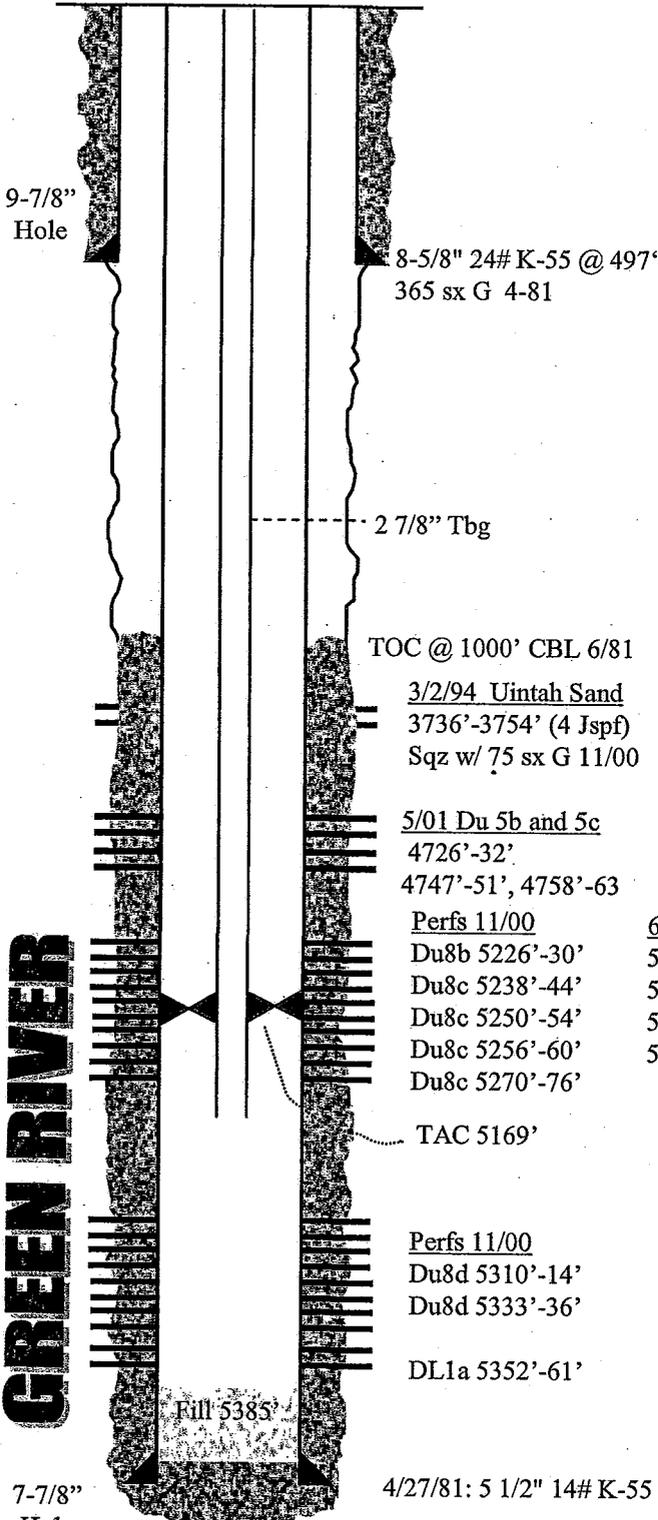
**CITATION OIL & GAS CORP.**  
**WALKER HOLLOW PEARL BROADHURST #15**  
 (SE/SE) Sec. 9-T7S-R23E  
 UTAH CO., UTAH

API:

43-047-30901

KB: 13 FT  
 GL: 5182 FT  
 Status: Shut in

84	7/8"	Guided	2100
124	3/4"	Plain	3100
Polish rod: 1.5" X22'			
Pony rods: 1-4', 2-6', 1-3/4" X2'			
Pump: rod & 2.5"x1.75"x12"x15-1/2"			
	RHAC		



Qty	Description	Length	Depth
----	KB	13	13
1	2-7/8" pup jt	10	23
161	2 7/8", 6/5ppf, J-55, 8rd, EUE ctd	5146	5169
1	5.5"X2.5" TAC	2.8	5171.8
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1	2 7/8" SN	1.1	5269.1
1	2 7/8", 6/5ppf, J-55, 8rd, EUE, with	27.38	5296.48
1	notched pin		

CASING DETAIL			
Size	Weight	Grade	Depth
8-5/8"	24	K-55	0-497
5-1/2"	14	K-55	0-5503

TOC @ 1000' CBL 6/81

3/2/94 Uintah Sand  
 3736'-3754' (4 Jspf)  
 Sqz w/ 75 sx G 11/00

3/3/94 Stimulation  
 Broke perfs w/500 gal Xylene.  
 750 gal 7.5% MSR 5 bpm @  
 1600#, ISIP: 630#

5/01 Du 5b and 5c  
 4726'-32'  
 4747'-51', 4758'-63

3/7/94 Green River "H"  
 4716'-22'

Perfs 11/00  
 Du8b 5226'-30'  
 Du8c 5238'-44'  
 Du8c 5250'-54'  
 Du8c 5256'-60'  
 Du8c 5270'-76'

6/10/81 Green River "J"  
 5199' (1 Jspf) Squeezed  
 5240'-41' (1 Jspf)  
 5251' (1 Jspf)  
 5257'-59' (1 Jspf)

6/13/81 Stimulation:  
 Broke perfs w/ 1000 gal 7.5% HCL-MSR  
6/16/81 Frac(both zones):  
 10,000 gal Stratafrac II pad  
 38,000 gal Stratafrac II fluid  
 56,000 # 20-40 sand  
 33,000 # 10-20 sand

TAC 5169'

Perfs 11/00  
 Du8d 5310'-14'  
 Du8d 5333'-36'  
 DL1a 5352'-61'

6/10/81 Green River "K"  
 5272'-73' (1 Jspf)  
 5311.5 (1 Jspf)  
 5353 (1 Jspf)  
 5355' (1 Jspf)  
 5357'-58' (1 Jspf)

Fill 5385'

4/27/81: 5 1/2" 14# K-55 @ 5503' w/ 1320 sx

7-7/8"  
 Hole

PBTD: 5463'  
 TD: 5517'

**All depths KB unless noted.**  
**Updated: 5-27-04 BC**



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil Gas and Mining

JOHN R. BAZA  
Division Director

January 29, 2009

Debra Harris  
Citation Oil & Gas Corp  
P.O. Box 690688  
Houston, TX 77269-0688

43 047 30901  
Broadhurst 15  
7S 23E 9

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

Dear Ms. Harris:

The Division of Oil, Gas and Mining (the Division) is in receipt of your letter dated June 25, 2008 (received by the Division on 7/28/2008) in regards to the five (5) federal shut-in or temporarily abandoned (SI/TA) wells operated by Citation Oil and Gas Corp (Citation). It is the Divisions understanding that Citation plans to reactivate both USA Pearl Broadhurst 15 & 16 wells, and also convert the remaining three wells to injection wells (see attachment A).

The Division does not object to the proposal for these wells. However, due to insufficient evidence the Division is unable to grant extended SI/TA status for the referenced wells. The Division must adhere to the requirements of rule R649-3-36 when granting such approvals. As these are federal wells, ultimate approval for extended SI/TA status will have to be approved by the BLM.

An individual sundry for each well along with necessary information helps expedite approval and documentation processes. 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: Well Files  
Compliance File

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



## ATTACHMENT A

- USA Pearl Broadhurst 15 API 43-047-30901
- USA Pearl Broadhurst 16 API 43-047-30903
- USA Pearl Broadhurst 20 API 43-047-30941
- Walker Hollow Unit 39 API 43-047-30415
- Walker Hollow Unit 43 API 43-047-30687

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**UTU 02651A**

**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:  
**USA Pearl Broadhurst**

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

8. WELL NAME and NUMBER:  
**USA Pearl Broadhurst 15**

2. NAME OF OPERATOR:  
**Citation Oil & Gas Corp.**

9. API NUMBER:  
**4304730901**

3. ADDRESS OF OPERATOR:  
P O Box 690688 CITY **Houston** STATE **TX** ZIP **77269**

PHONE NUMBER:  
**(281) 517-7800**

10. FIELD AND POOL, OR WILDCAT:  
**Walker Hollow Green River**

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: **522' FSL L& 555' FEL**  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **SESE 9 7S 23E**

COUNTY: **Uintah**

STATE: **UTAH**

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

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

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

Citation Oil & Gas Corp. requests approval to retain this well in a temporarily abandoned status for potential reactivation. We have applied to EPA for approval to convert the USA Pearl Broadhurst 20, Walker Hollow Unit 39 and Walker Hollow Unit 43 to injection. Upon EPA approval and conversion to injection we plan to reactivate the USA Pearl Broadhurst 15 and USA Pearl Broadhurst 16 based on the impact of the additional injection and the economical justification of the project at that time. BLM has approved TA extension for the USA Pearl Broadhurst 15, 16 20 and Walker Hollow Unit 39 and 43 based upon this plan.

**COPY SENT TO OPERATOR**

Date: 5.4.2009  
Initials: KS

NAME (PLEASE PRINT) Debra Harris TITLE Regulatory Compliance Coordinator  
SIGNATURE *Debra Harris* DATE 2/16/2009

(This space for State use only)

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
Date: 4/28/09  
By: *Dustin*  
\* Valid thru 8/27/09

Federal Approval Of This  
Action Is Necessary

**RECEIVED**  
**MAR 09 2009**  
DIV. OF OIL, GAS & MINING



June 25, 2008

State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Sale Lake City, Utah 84114-5801

ATTN: Mr. Dustin Doucet, Petroleum Engineer

Re: TA Extension Sundry Denials  
Walker Hollow Field, Uintah County, Utah

Mr. Doucette,

75 23E 9

On June 16, 2008 we received denials to TA extension request sundries for 5 wells located in the Walker Hollow Field as follows:

- • USA Pearl Broadhurst 15; (Federal Lease UTU02651A); API 43-047-30901
- USA Pearl Broadhurst 16; (Federal Lease UTU02651A); API 43-047-30903
- USA Pearl Broadhurst 20; (Federal Lease UTU02651A); API 43-047-30941
- Walker Hollow Unit 39; (Federal Lease UTU02651A); API 43-047-30415
- Walker Hollow Unit 43; (State Lease SL066312/ Federal Unit UTU66837A); API 43-047-30687

Initial sundries requesting either retention of Shut In or Temporarily Abandoned status for each well pending reservoir study to determine the feasibility of either reactivation or utilization in the field were approved by your office 3/13/2007 and approved by the BLM 4/12/2007. Each of these wells has been reviewed with both the operations engineer and the reservoir engineer for this field who are currently putting together proposals for a number of wells to be either converted to injectors or recompleted, or drilled as either producers or injectors in this field.

Both the USA Pearl Broadhurst 15 and 16 are proposed to be reactivated as producers with the remaining three wells to be converted to injection wells. With this in mind, we would appreciate your reconsideration of the TA extension denials allowing us to continue putting together the proposal packages which will be forwarded to your office as well as the BLM office in Vernal, Utah for approval prior to beginning the work. It is anticipated that the paperwork for these can be submitted for approval by March, 2009. The three injection wells must be permitted through the EPA, so the permit approval process will take considerably longer. We have finally received EPA pre-injection stipulations for the Walker Hollow Unit 72 and 87 wells which are to be converted to injection. Once converted and waterflood response is recognized, Citation has proposed to reactivate both the Walker Hollow Unit 36 and 74 wells in previous correspondence.

If there is additional information you would like to review in order to reconsider the TA extension requests, please contact me at (281) 517-7194 or via email at [dharris@cogc.com](mailto:dharris@cogc.com).

Sincerely,

Debra Harris  
Regulatory Compliance Coordinator

/dkh

RECEIVED

JUL 28 2008

DIV. OF OIL, GAS & MINING

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. LEASE DESIGNATION AND SERIAL NUMBER: **UTU 02651A**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: \_\_\_\_\_

7. UNIT or CA AGREEMENT NAME: **USA Pearl Broadhurst**

8. WELL NAME and NUMBER: **USA Pearl Broadhurst 15**

9. API NUMBER: **4304730901**

10. FIELD AND POOL, OR WLD/CAT: **Walker Hollow Green River**

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

2. NAME OF OPERATOR: **Citation Oil & Gas Corp.**

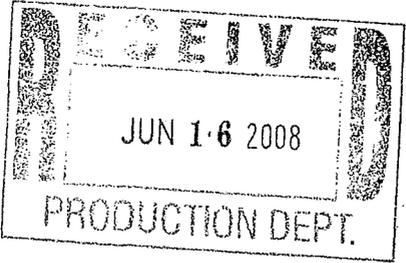
3. ADDRESS OF OPERATOR: P O Box 690688 CITY **Houston** STATE **TX** ZIP **77269** PHONE NUMBER: **(281) 517-7800**

4. LOCATION OF WELL: FOOTAGES AT SURFACE: **522' FSL L & 555' FEL** COUNTY: **Uintah** STATE: **UTAH**  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **SESE 9 7S 23E**

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

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

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
Citation Oil & Gas Corp. requests approval to retain this well in a temporarily abandoned status for potential reactivation. The well was shut in December, 2002. There is 2-7/8" tubing, RHAC pump and rods in the well.



NAME (PLEASE PRINT) Debra Harris TITLE Regulatory Compliance Coordinator

SIGNATURE *Debra Harris* DATE 3/7/2008

(This space for State use only)

**REQUEST DENIED**  
Utah Division of  
Oil, Gas and Mining

Federal Approval Of This  
Action Is Necessary

**RECEIVED**  
MAR 10 2008

(5/2000)

Date: 6/4/08  
By: *Debra Harris*  
\*See 12644-3-36

(See Instructions on Reverse Side) **RECEIVED**

**JUL 28 2008**

DIV. OF OIL, GAS & MINING

DIV. OF OIL, GAS & MINING

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU 02651A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
USA Pearl Broadhurst

8. WELL NAME and NUMBER:  
USA Pearl Broadhurst 16

9. API NUMBER:  
4304730903

10. FIELD AND POOL, OR WLD/CAT:  
Walker Hollow Green River

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

2. NAME OF OPERATOR:  
Citation Oil & Gas Corp.

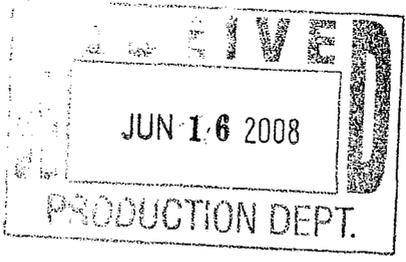
3. ADDRESS OF OPERATOR:  
P O Box 690688 CITY Houston STATE TX ZIP 77269 PHONE NUMBER: (281) 517-7800

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 1977' FSL & 662' FWL COUNTY: Uintah  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 10 7S 23E STATE: UTAH

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

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

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
Citation Oil & Gas Corp. requests approval to retain this well in a temporarily abandoned status for potential reactivation. The well was shut in during January, 2002. There is no tubing nor pump in the well.



NAME (PLEASE PRINT) Debra Harris TITLE Regulatory Compliance Coordinator

SIGNATURE *Debra Harris* DATE 3/7/2008

(This space for State use only)

**REQUEST DENIED**  
Utah Division of  
Oil, Gas and Mining

Federal Approval Of This  
Action Is Necessary

**RECEIVED**  
MAR 10 2008

(5/2000)

Date: 6/4/08  
By: *[Signature]* (See Instructions on Reverse Side)  
\* See 2644-3-30

**RECEIVED**  
JUL 28 2008

DIV. OF OIL, GAS & MINING

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU 02651A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
USA Pearl Broadhurst

8. WELL NAME and NUMBER:  
USA Pearl Broadhurst 20

9. API NUMBER:  
4304730941

10. FIELD AND POOL, OR WLD CAT:  
Walker Hollow Green River

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

2. NAME OF OPERATOR:  
Citation Oil & Gas Corp.

3. ADDRESS OF OPERATOR:  
P O Box 690688 CITY Houston STATE TX ZIP 77269 PHONE NUMBER: (281) 517-7800

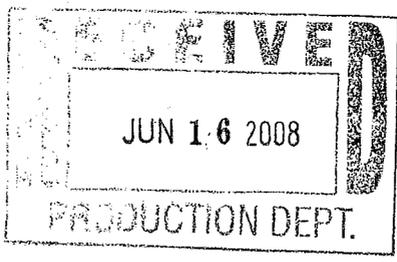
4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 1980' FNL & 1978' FWL COUNTY: Uintah  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 9 7S 23E STATE: UTAH

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

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

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

Citation Oil & Gas Corp. requests approval to retain this well in a temporarily abandoned status for potential conversion to injection. The well was shut in during October, 2001. There is no tubing nor pump in the well.



NAME (PLEASE PRINT) Debra Harris TITLE Regulatory Compliance Coordinator

SIGNATURE *Debra Harris* DATE 3/7/2008

(This space for State use only)

**REQUEST DENIED**  
Utah Division of  
Oil, Gas and Mining

Federal Approval Of This  
Action Is Necessary

Date: 6/14/09  
By: *[Signature]* (See Instructions on Reverse Side)  
\* See 12649-3-36

(5/2009)

**RECEIVED**  
MAR 10 2008  
DIV. OF OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

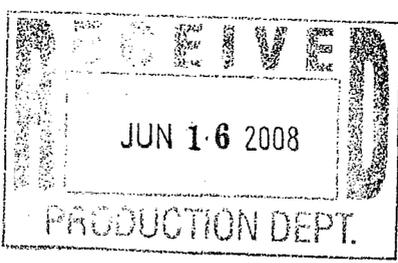
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Injection</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU 02651C
2. NAME OF OPERATOR: Citation Oil & Gas Corp.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P.O. Box 690688 CITY Houston STATE TX ZIP 77269-0688 PHONE NUMBER: (281) 517-7800		7. UNIT or CA AGREEMENT NAME: Walker Hollow Unit UTU66837A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1963' FSL & 574' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 10 7S 23E		8. WELL NAME and NUMBER: Walker Hollow Unit 39
		9. API NUMBER: 4304730415
		10. FIELD AND POOL, OR WILDCAT: Walker Hollow Green River
		COUNTY: <u>Uintah</u>
		STATE: <u>UTAH</u>

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

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

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
Citation Oil & Gas Corp. requests approval to retain this well in a shut in status pending potential reactivation subsequent to waterflood analysis of the Walker Hollow Unit.



NAME (PLEASE PRINT) Debra Harris TITLE Regulatory Compliance Coordinator  
SIGNATURE Debra Harris DATE 3/7/2008

(This space for State use only)  
REQUEST DENIED  
Utah Division of  
Oil, Gas and Mining  
Date: 6/4/08  
By: [Signature]  
\*See 2649-3-36  
Federal Approval Of This  
Action Is Necessary  
(See Instructions on Reverse Side)  
RECEIVED  
MAR 10 2008  
DIV. OF OIL, GAS & MINING

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

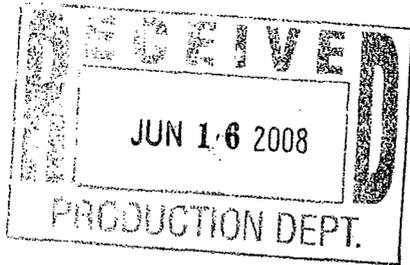
FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: SL066312
		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.		
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Injection</u>		7. UNIT or CA AGREEMENT NAME: Walker Hollow Unit UTU66837A
2. NAME OF OPERATOR: Citation Oil & Gas Corp.		8. WELL NAME and NUMBER: Walker Hollow Unit 43
3. ADDRESS OF OPERATOR: P.O. Box 690688 CITY Houston STATE TX ZIP 77269-0688		9. API NUMBER: 4304730687
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2975' FSL & 2960' FEL		10. FIELD AND POOL, OR WILDCAT: Walker Hollow Green River
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 1 7S 23E		COUNTY: Uintah
		STATE: UTAH

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

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

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, v volumes, etc.  
Citation Oil & Gas Corp. requests approval to retain this well in a shut in status pending potential reactivation subsequent to waterflood analysis of the Walker Hollow Unit.



NAME (PLEASE PRINT) Debra Harris TITLE Regulatory Compliance Coordinator  
SIGNATURE *Debra Harris* DATE 3/7/2008

(This space for State use only)

**REQUEST DENIED**  
Utah Division of  
Oil, Gas and Mining

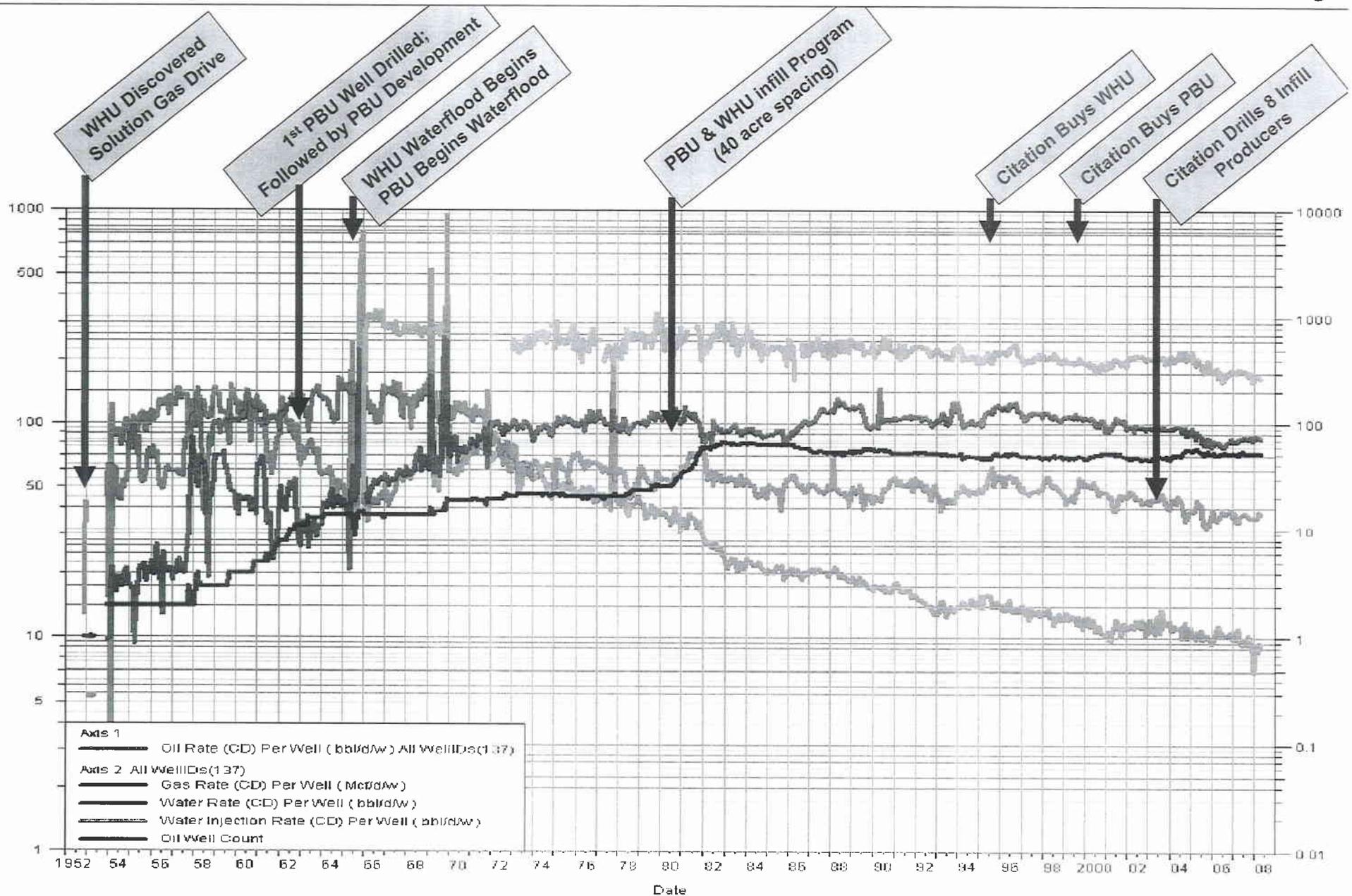
Federal Approval Of This  
Action Is Necessary  
(See Instructions on Reverse Side)

**RECEIVED**  
MAR 10 2008  
DIV. OF OIL, GAS & MINING

Date: 6/4/08  
By: *[Signature]*  
\* See 12644-3-39

(5/2000)

# Walker Hollow Unit / Pearl Broadhurst Unit Production History



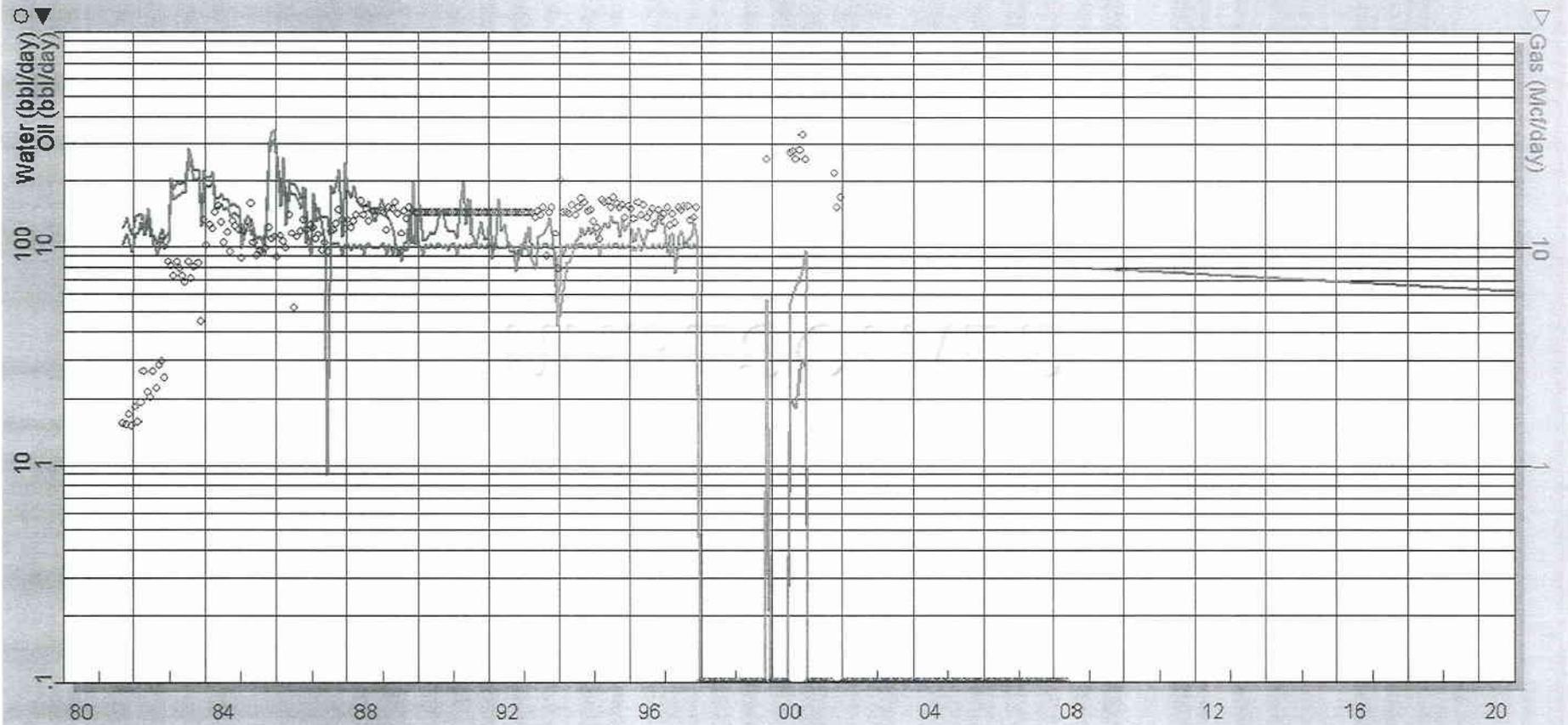




# Production History for PBU 16

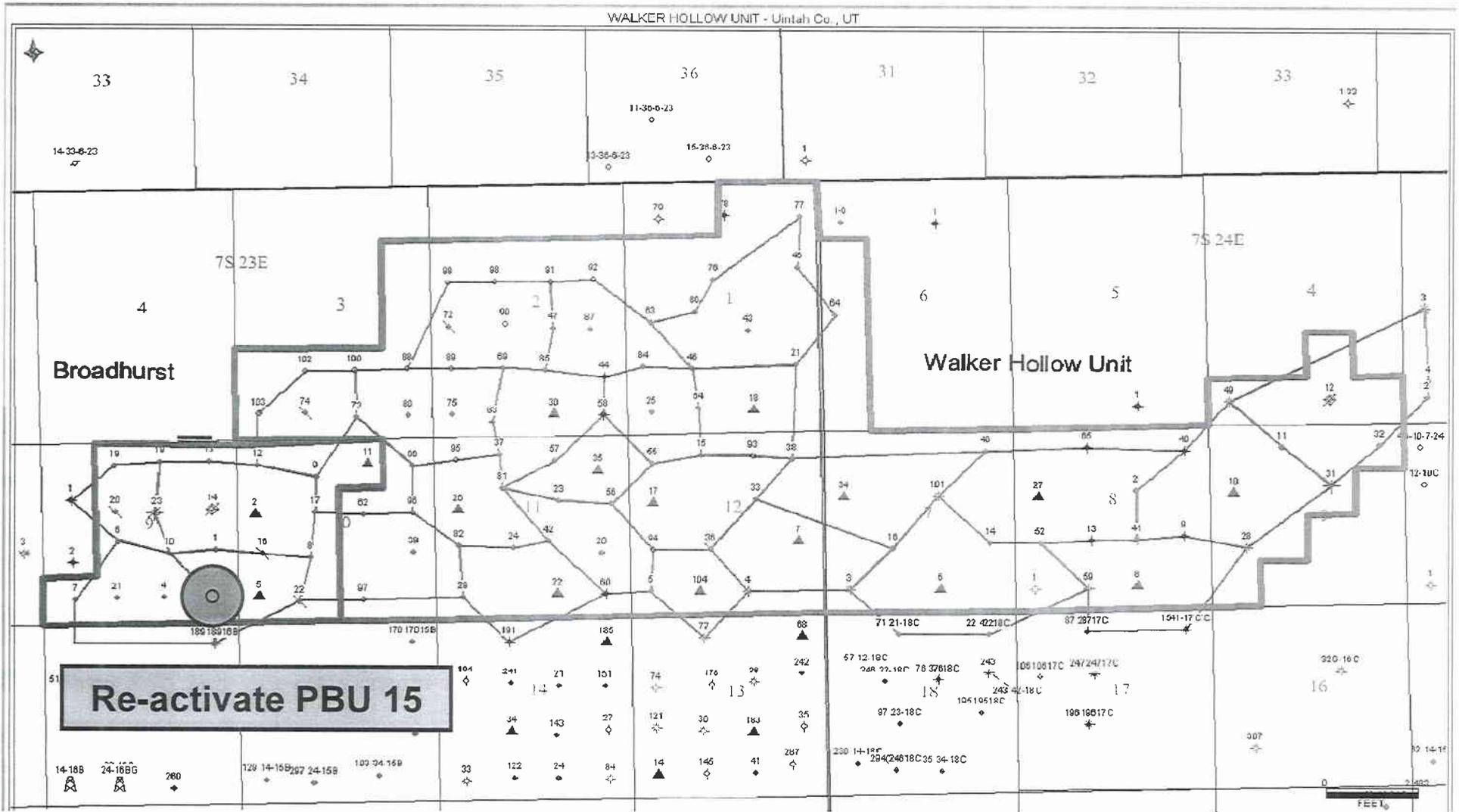
Case Name: P. BROADHURST 16 RE-ACTIVATE  
Field: Walker Hollow Unit - DMR  
County, State: , UT

Oper: COGC  
No Initial Fluid Data Found  
No Initial Fluid Data Found

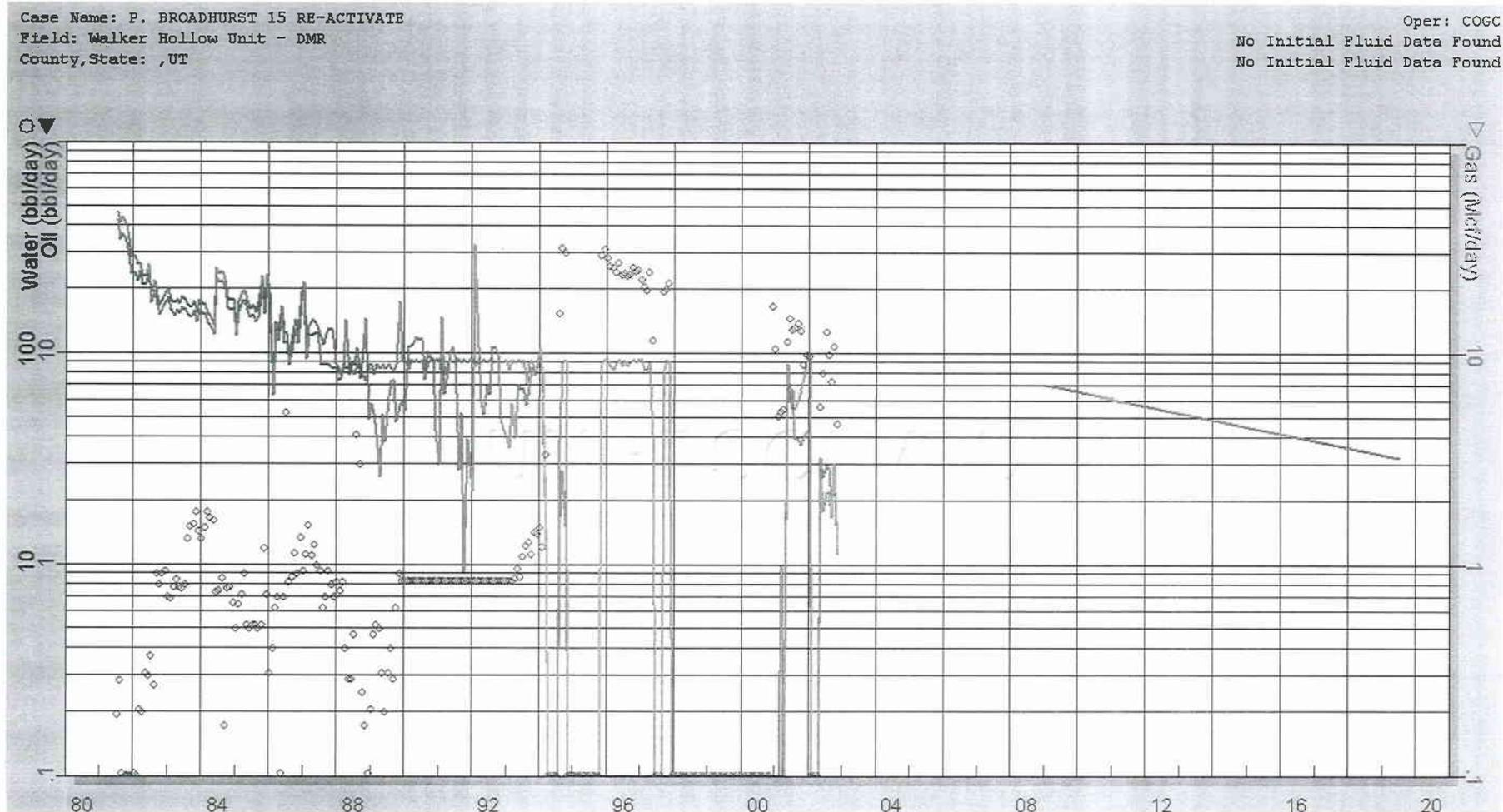


**\*2000-2001: Well turned on without stimulation**  
**\*\*Proposal: Re-activate and stimulate PBU 15**

# PBU 15 Location



# Production History for PBU 15



**\*2000-2001: Well turned on without stimulation**  
**\*\*Proposal: Re-activate and stimulate PBU 15**

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>			5. LEASE DESIGNATION AND SERIAL NUMBER: <b>UTU 02651A</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
			7. UNIT or CA AGREEMENT NAME: <b>USA Pearl Broadhurst</b>
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: <b>USA Pearl Broadhurst 15</b>	
2. NAME OF OPERATOR: <b>Citation Oil &amp; Gas Corp.</b>		9. API NUMBER: <b>4304730901</b>	
3. ADDRESS OF OPERATOR: P O Box 690688 CITY <b>Houston</b> STATE <b>TX</b> ZIP <b>77269</b>		PHONE NUMBER: <b>(281) 891-1576</b>	10. FIELD AND POOL, OR WILDCAT: <b>Walker Hollow Green River</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>522' FSL L&amp; 555' FEL</b> COUNTY: <b>Uintah</b>			
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SESE 9 7S 23E</b> STATE: <b>UTAH</b>			

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

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

Citation Oil & Gas Corp. requests approval to retain this well in a temporarily abandoned status for potential reactivation. We have applied to EPA for approval to convert the USA Pearl Broadhurst 20, Walker Hollow Unit 39 and Walker Hollow Unit 43 to injection. Upon EPA approval and conversion to injection we plan to reactivate the USA Pearl Broadhurst 15 and USA Pearl Broadhurst 16 based on the impact of the additional injection and the economical justification of the project at that time.

**COPY SENT TO OPERATOR**

Date: 9.28.2009

Initials: KS

NAME (PLEASE PRINT) <u>Debra Harris</u>	TITLE <u>Regulatory Compliance Coordinator</u>
SIGNATURE <u><i>Debra Harris</i></u>	DATE <u>8/11/2009</u>

(This space for State use only)

**REQUEST DENIED**  
Utah Division of Oil, Gas and Mining

Federal Approval Of This Action Is Necessary

Date: 9/24/09

By: *[Signature]*

\*see R649-3-310 requirement\*

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**AUG 17 2009**  
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(5/2000) (See Instructions on Reverse Side)

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December 15, 2011

US Department of the Interior  
Bureau of Land Management  
Vernal Field Office  
170 South 500 East  
Vernal, Utah 84078-2799

State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple  
Suite 1210  
Salt Lake City, Utah 84114-5801

Re: USA Pearl Broadhurst and  
Walker Hollow Unit Inactive Wells  
Walker Hollow Field, Uintah County, Utah

75 23E 9

Gentlemen:

Citation Oil & Gas Corp. converted the Walker Hollow Unit 43 to a water injection well 8/10/2011, prior to which, the well had been inactive for several years. For the past couple of years, Citation has had plans for these wells, but the scope of the projects has been revised due to changes in the economy, personnel and industry practices. I have attached a table of the remaining wells and our plan for those wells in the Walker Hollow Field.

Notices of Intent sundries will be submitted as follows:

- USA Pearl Broadhurst 15 (4304730901) Notice of Intent to plug and abandon
- USA Pearl Broadhurst 16 (4304730903) Notice of Intent to reactivate
- USA Pearl Broadhurst 20 (4304730941) Well expected to be converted by June, 2012
- Walker Hollow Unit 36 (4304730282) Notice of Intent to set CIBP and MIT for TA status
- Walker Hollow Unit 39 (4304730415) Well expected to be converted by June 2012
- Walker Hollow Unit 74 (4304731031) Notice of Intent to set CIBP and MIT for TA status

The USA Pearl Broadhurst 20 and the Walker Hollow 39 each have approved EPA permits to convert for injection. We expect to convert these two wells by June, 2012 so sundries requesting extended shut in status of these two wells pending conversion to injection will be submitted, separately.

Please contact me at (281) 891-1576 or via email at [dharris@cogc.com](mailto:dharris@cogc.com) if you need additional information.

Sincerely,

  
Debra Harris / by Bridgette Lisenbe  
Regulatory Compliance Coordinator

COPY SENT TO OPERATOR

Date: 2.2.2012

Initials: KS

/dkh  
Attachments

CTR

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**UTU02651A**

**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:  
**USA Pearl Broadhurst**

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

8. WELL NAME and NUMBER:  
**USA Pearl Broadhurst 15**

2. NAME OF OPERATOR:  
**Citation Oil & Gas Corp.**

9. API NUMBER:  
**4304730901**

3. ADDRESS OF OPERATOR:  
P O Box 690688 CITY **Houston** STATE **TX** ZIP **77269**

PHONE NUMBER:  
**(281) 891-1569**

10. FIELD AND POOL, OR WILDCAT:  
**Walker Hollow Green River**

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: **522' FSL & 555' FEL**

COUNTY: **Uintah**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: ~~N 10 2N 7E~~ **SESE 09 75 33E**

STATE: **UTAH**

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

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<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____  <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
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	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
**Citation Requests approval to plug and abandon this well per the attached procedure and well bore diagram.**

NAME (PLEASE PRINT) Mary Torres TITLE Permitting Analyst  
SIGNATURE *Mary Torres* DATE 12/21/2011

(This space for State use only)

Utah Division of  
Oil, Gas and Mining

Date: 12/19/2012  
By: *[Signature]*

Federal Approval Of This  
Action Is Necessary

(See Instructions on Reverse Side)

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DIV. OF OIL, GAS & MINING

## PLUG AND ABANDON PROCEDURE

PROJECT: Pearl Broadhurst Unit #15 (SI): Plug and Abandon

LOCATION: 552' FSL & 555' FEL, SE/SE, Sec. 9, T7S, R23E

FIELD: Walker Hollow Field (Red Wash) COUNTY: Uintah STATE: UT

TD: 5517' PBTD: 5463' DATUM: 5182' GL KB to GL: 13'

### CASING AND LINER RECORD

SIZE	WEIGHT	DEPTH	CEMENT	HOLE SIZE	TOC	REMARKS
8-5/8"	24#	497'	365 sx	12-1/4"	Surface	Circulated
5 1/2"	14#	5503'	1230 sx	7-7/8"	Surface	Circulated

PRESENT FORMATION AND COMPLETION: Green River: 4726' - 5361' OA

TUBING: ±164 jts 2 7/8" 6.5# J-55 8rd tubing, TAC@±5169', SN@±5268', EOT @ 5301

RODS: ±86-7/8" rods, ±126-3/4" rods, 3 - 7/8" pony rods (4', 6', 6') and 1 pony rod (1-3/4" x 2')

MISC.: Well currently SI producer. P&A procedure provided for BLM & State of Utah requirements.

### PROCEDURE

- Notify BLM & State of Utah 48 hours before planned work.
  - If required, Dig & Line WO Pit. Dig out & expose bradenhead valve to monitor.
  - Unload & rack ± 4600' 2 3/8" workstring.
  - 9+ ppg Mud Laden Fluid required between cement plugs.
1. MI RU PU. ND WH. POOH w/ rods and pump. LD.
  2. NU BOP. Rlse TAC and TOOH & LD 2-7/8" tbg.
  3. PU & RIH w/ 5 1/2" CICR & SN on 2-3/8" WS tbg to ± 4600'. MI RU pump truck & cementers. Pump tbg volume through CICR. Set CICR. Establish injection rate into CICR/Perfs. Mix & pump 130 sx Class G cement: Sqz perfs w/ 100 sx & cap CICR w/ 30 sx.
  4. PUH to ± 4445' (LD tbg). Circulate casing w/ 9 ppg mud laden fluid (MLF).
  5. PUH to ± 3100'. (LD tbg). Mix & spot 25 sx Class G (w/ 2% CC) balanced plug f/ 3100' to 3000'. PUH w/ tbg to ± 2000'. WOC.
  6. MIRU WL Unit. RIH w/ perf gun and perf (525-527') [2'] at 2spf. POH w/ WL guns, RD WL Truck.
  7. PU & RIH w/ 5-1/2" CICR & SN 2-3/8" WS tbg to ±475' FS. Set CICR. Establish injection rate into CICR/Perfs. Mix & Pump 40 sx Class G cement: Sqz perfs w/ 30 sx & cap CICR w/ 10 sx.
  8. PUH to ± 350' (LD tbg). Circulate casing w/ 9 ppg mud laden fluid (MLF).
  9. RIH w/ tbg OE & tag TOC. PUH & LD tbg to ± 100'. Mix & pump balanced 15 sx surface plug. POOH LD tbg. RD MO Cement pump truck & PU.
  10. Cut off WH & csg 6' below ground level. Install permanent monument that shows the well number, location and name of the lease, as per BLM regulations (i.e., no less than 4" in diameter, no less than 10' in length, of which 4' shall be above ground level).
  11. Cut off anchors, back fill cellar & WO pit. Reclaim location.

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**CITATION OIL & GAS CORP.**  
**WALKER HOLLOW PEARL BROADHURST #15**  
**552' FSL, 555' FEL, SE/SE Sec. 9-T7S-R23E**  
**UINTAH CO., UTAH**  
**API: 43-047-30901 Fed U-02651-A**

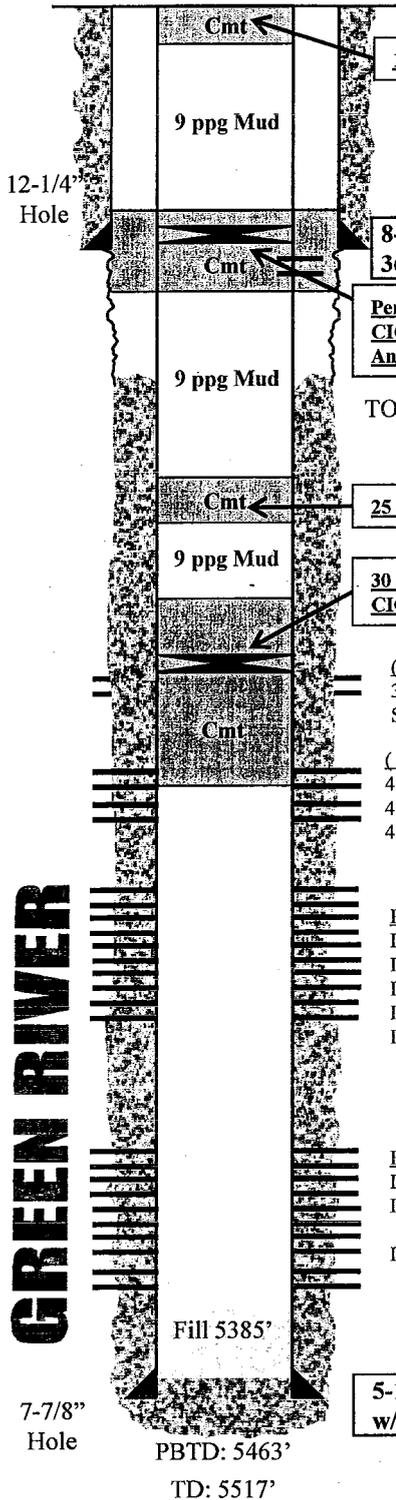
**PROPOSED - P&A**

KB: 13 FT  
 GL: 5182 FT  
 Status: Shut in

CASING DETAIL			
Size	Weight	Grade	Depth
8-5/8"	24	K-55	0-497
5-1/2"	14	K-55	0-5503

Qty	Description	Length	Depth
-----	KB	13	13

ROD DETAIL			
Qty	Size	Type	Length



15 sx balanced cmt plug at surface

8-5/8" 24# K-55 @ 497'  
 365 sx G 4-81

Perf & SOZ holes @ 525-527' (2 spf).  
 CICR @ 475' FS w/ 30sx squeezed below  
 And 10 sx Class G on top.

TOC @ 1000' CBL 6/81

25 sx Class G plug from 3000-3100' (Tag @ 3000')

30 sx Class G cement plug on top of CICR  
 CICR @ 3600' w/ 100 sx Class G below

(3/2/94) Uintah Sand  
 3736'-3754' (4 Jspf)  
 Sqz w/ 75 sx G (11/00)

(3/3/94) Stimulation  
 Broke perfs w/500 gal Xylene.  
 750 gal 7.5% MSR 5 bpm @  
 1600#, ISIP: 630#

(Du 5b and 5c  
 4726'-4732'  
 4747'-4751'  
 4758'-4763'

(3/7/94) Green River "H"  
 4716'-22'

Perfs (11/00)  
 Du8b 5226'-30'  
 Du8c 5238'-44'  
 Du8c 5250'-54'  
 Du8c 5256'-60'  
 Du8c 5270'-76'

(6/10/81) Green River "J"  
 5199' (1 Jspf) Squeezed  
 5240'-41' (1 Jspf)  
 5251' (1 Jspf)  
 5257'-59' (1 Jspf)

(6/13/81) Stimulation:  
 Broke perfs w/ 1000 gal 7.5% HCL-MSR

(6/16/81) Frac(both zones):  
 10,000 gal Stratafrac II pad  
 38,000 gal Stratafrac II fluid  
 56,000 # 20-40 sand  
 33,000 # 10-20 sand

Perfs (11/00)  
 Du8d 5310'-14'  
 Du8d 5333'-36'  
 DL1a 5352'-61'

(6/10/81) Green River "K"  
 5272'-73' (1 Jspf)  
 5311.5 (1 Jspf)  
 5353 (1 Jspf)  
 5355' (1 Jspf)  
 5357'-58' (1 Jspf)

5-1/2" 14# K-55 @ 5503'  
 w/ 1320 sx (4/27/81)

**RECEIVED**

**DEC 27 2011**

**DIV. OF OIL, GAS & MINING**

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

FORM 9

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4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>522' FSL &amp; 555' FEL</b>			10. FIELD AND POOL, OR WILDCAT: <b>Walker Hollow Green River</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SESE 9 7S 23E</b>			COUNTY: <b>Uintah</b>
			STATE: <b>UTAH</b>

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

MIRU. RIH w/ CICR & set @ 3674'. Test csg to 500 psi, tested OK. Sting in & pmp 125 sxs cmt (26 bbls) below CICR & 30 sxs cmt (6 bbls) on top CICR. Pmp 25 sxs cmt (5.3 bbls). RIH & perf 5 holes @ 527'. PU CICR RIH set @ 462'. Pmpd 40 sxs cmt (8.19 bbls) below & 10 sxs on top CICR. RIH w/ wireline & perf 4 holes 100'. Pmpd 54 sxs cmt to surf.

NAME (PLEASE PRINT) Samantha Alanis TITLE Production Admin

SIGNATURE *Samantha Alanis* DATE 6/5/2012

(This space for State use only)

*mailed 6/7/12 to office of Energy Development*

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**JUN 21 2012**

DIV. OF OIL, GAS & MINING

