

UNITED STATES  
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  
 MAPCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR  
 Suite 320, Plaza West  
 1537 Ave. D., Billings, MT 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface: (EA) 1899' - 1899' FSL & 2129' FWL, NE SW Section 17, T. 10 S., R. 20 E.  
 At proposed prod. zone: Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Nine miles SW of Ouray, Utah 305 8A

10. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1899'

16. NO. OF ACRES IN LEASE 600

17. NO. OF ACRES ASSIGNED TO THIS WELL 640

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1250'

19. PROPOSED DEPTH 8495'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5104' Ungraded GL

22. APPROX. DATE WORK WILL START\*  
 May 25, 1979

23. 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" New	24#	3200'	Cement to surface.
7-7/8"	5-1/2" New	15.5# & 17#	8495'	Cement up to 1500'
17"	13 3/8" New	48# K-55	150'	Cement to surface

See attached ten-point compliance program.

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 G. L. Evertz TITLE Drilling & Production Engineer DATE May 25, 1979

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE AUG 14 1979  
 APPROVED BY [Signature] TITLE DISTRICT ENGINEER DATE AUG 14 1979

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY.

NOTICE OF APPROVAL

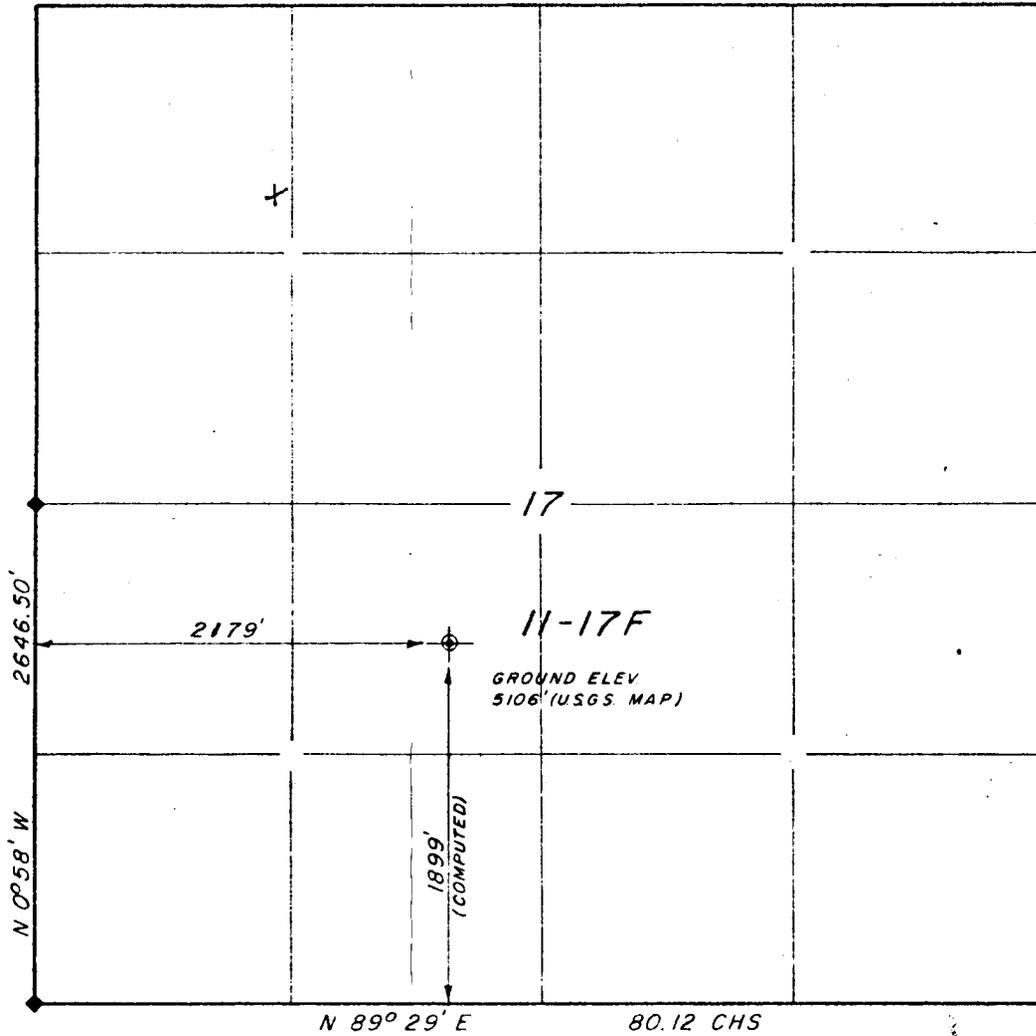
\*See Instructions On Reverse Side

Utah Oil + Gas

NECESSARY FLARING OF GAS DURING DRILLING AND COMPLETION APPROVED SUBJECT TO ROYALTY (NTL-4)

**MAPCO, INC.  
WELL LOCATION  
R.B.U. 11-17F**

Located in the NE $\frac{1}{4}$  of the SW $\frac{1}{4}$  of  
Sec. 17, T10S, R20E, S.L.B.&M.



SCALE: 1"=1000'

NOTES

◆ Section Corners found and used.  
Original Land Office notes used for  
reference and calculations.

SURVEYOR'S CERTIFICATE

I hereby certify that this plat was prepared  
from field notes of an actual survey performed  
by me, during which the shown monuments  
were found.

*Jerry D. Allred*  
Jerry D. Allred, Registered Land  
Surveyor, Cert. No. 3817 (Utah)

APPROVED  
10.1.11  
10.1.11  
10.1.11

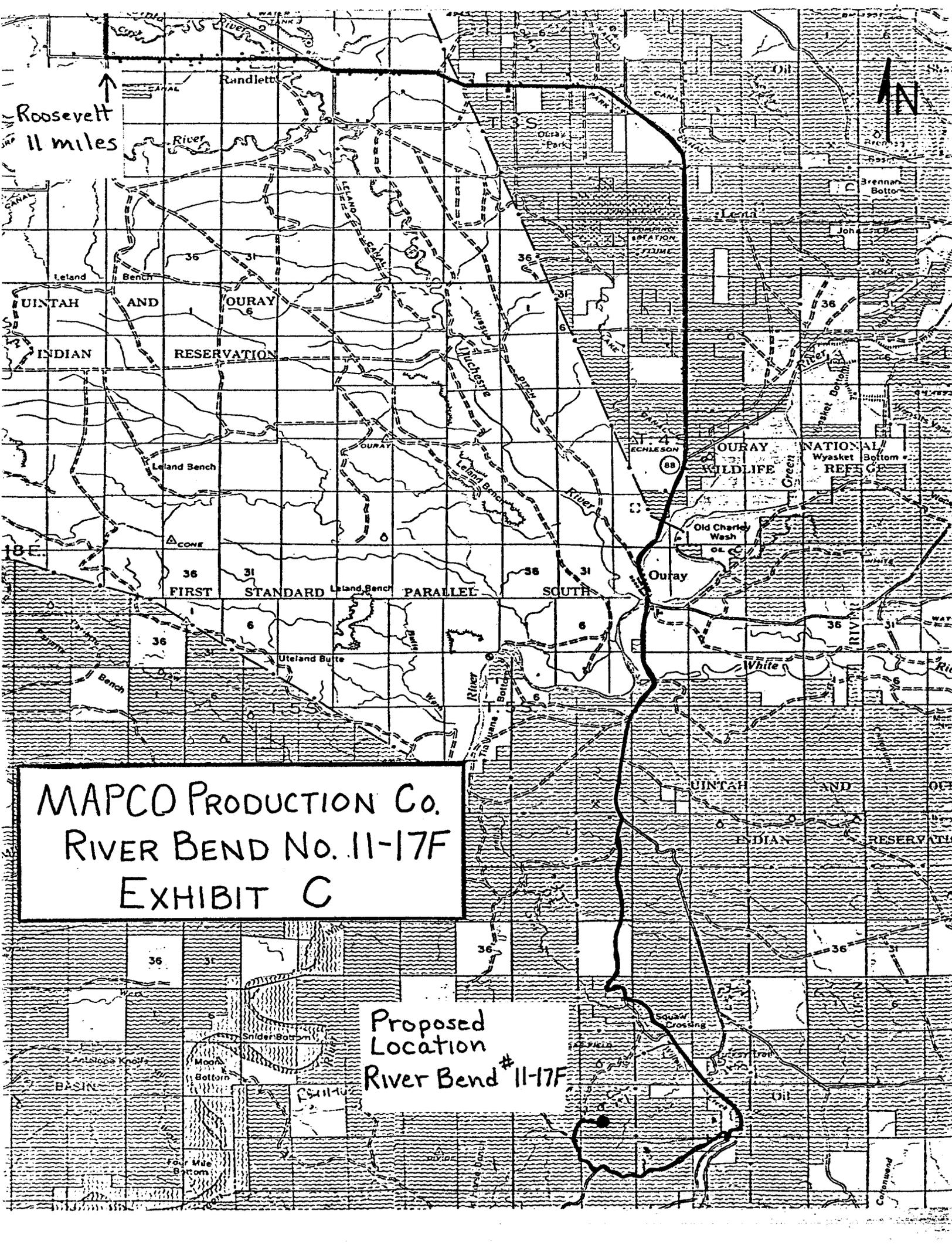
79-128-003

18 May 1979



**ALLRED - PEATROSS ASSOCIATES**  
Surveying & Engineering Consultants  
P. O. Drawer C  
DUCHESNE, UTAH 84021  
(801) 738-5352

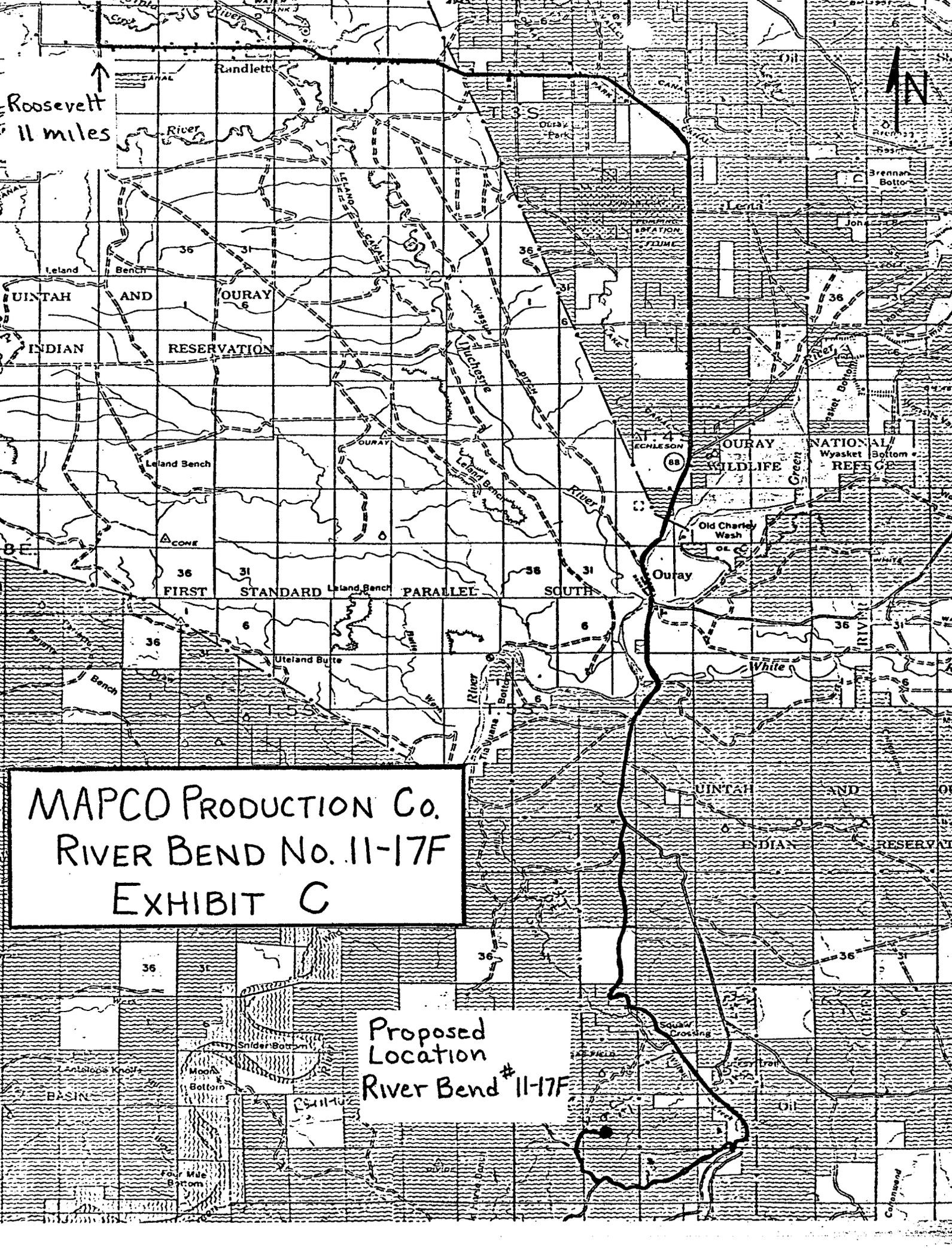




Roosevelt  
11 miles

MAPCO PRODUCTION CO.  
RIVER BEND NO. 11-17F  
EXHIBIT C

Proposed  
Location  
River Bend # 11-17F





Proposed Action:

On May 29, 1979, Mapco Production Company filed an Application for Permit to Drill the No. 11-17F development well an 8495 ft. gas test of the Green River, Wasatch, and Mesaverde Formations; located at an elevation of 5104 ft. in the NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 17, T. 10S., R. 20E. on Federal mineral lands and public surface; lease No. U-013769C. Since an objection was raised to the wellsite, it would be moved to 1849' FSL & 2129' FWL. This did not change the  $\frac{1}{4}$   $\frac{1}{4}$  coordinates. There was no objection raised to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface Plan are on file in the USGS District Office in Salt Lake City, Utah and the USGS Northern Rocky Mountain Area Office in Casper, Wyoming. The 13-Point Surface Protection Plan is on file in the District Office in Salt Lake City.

A working agreement has been reached with the Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 190 ft. wide by 400 ft. long and a reserve pit 175 ft. by 150 ft. A new access road would be constructed 18 ft. wide by .4 mile long from a maintained road. As indicated in the APD, the access road would have a 30 ft. right of way on which the road plus any needed borrow ditches would be built. The operator proposes to construct production facilities on distubed area of the proposed drill pad. If production is established, plans for a gas flow line would be submitted to the appropriate agencies for approval. The anticipated start- ing date is upon approval and duration of drilling activities would be about 30 days.

Location and Natural Setting:

The proposed drillsite is approximately 9 miles southwest of Ouray, Utah, the nearest town. A fair road runs to within .4 mile of the location. This well is in the River Bend field.

Topography:

The original location was on the south slope of a ridge with a considerable cut estimated. The ridge flattens out to the south, therefore the location

was moved 50 ft. south to minimize projected cuts. A non-perennial drainage runs through the south edge of the new pad position.

### Geology:

The surface geology is Uinta Formation. The soil is a predominantly sandy soil with mixed shale and sandstone gravels. No geologic hazards are known near the drillsite. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist and is possible in the sandstone units of the Mesa Verde. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formations to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep in to the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U.S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

### Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert-shrub community.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed area when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access road per the recommendations of the Bureau of Land Management.

Approximately 3.2 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

#### Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated.

#### Precipitation:

Annual rainfall should range from about 8 to 11" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 8".

Winds are medium and gusty, occurring predominately from west to east. Air mass inversions are rare. The climate is semi-arid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

#### Surface Water Hydrology:

The location drains through a small non-perennial drainage eastwardly into Willow Creek. Willow Creek flows to the Green River.

The non-perennial drainage must be rerouted to the south end of the reserve pit dike.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the

problem. The proposed project should have minor impact on the surface water systems. The potential for pollution would be present from leaks or spills. The operator is required to report and clean-up all spills or leaks.

#### Ground Water Hydrology:

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination and comingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of fresh water formations are listed in the 10-Point Sub-surface Protection Plan. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

#### Vegetation:

Sagebrush, cactus, rabbitbrush, wildflowers and native grasses were present at the site.

Plants in the area are of the salt-desert-shrub types.

Proposed action would remove about 3.2 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

#### Wildlife:

The fauna of the area consists predominately of mule deer, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrow, magpies, crows, and jays.

An animal and plant inventory has been made by the BLM. No endangered plants or animals are known to inhabit the project area.

#### Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would

then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations; activity would cease until the extent, the scientific importance and the method of mitigating the adverse effects could be determined by a qualified resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and is judged to be minor. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads. After drilling operations, completion equipment would be visible to passersby of the area but would not present a major intrusion.

The economic effect of one well would be difficult to determine. The overall effect of oil and gas drilling and production are significant in Uintah County.

But should this well discover a significant new hydrocarbon source, local, state and possibly national economics might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

There are no national state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Seep Ridge Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recom-

mendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

### Waste Disposal:

The mud and reserves pits would contain all fluids used during the drilling operations. A trash pit would be utilized for any solid wastes generated at the site and would be buried at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

### Alternative to the Proposed Action:

(1) Not approving the proposed permit--The oil and gas lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits. Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and other controlling agencies supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

(2) Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would not reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since an impact on the environment would be expected, the alternative of moving the location is recommended. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

(3) Drilling should be allowed provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator.

- (a) The wellsite is moved 50 ft. south to minimize cut and fill. ✓
- (b) The non-perennial drainage at the south end of the pad is rerouted with a ditch at the south edge of the reserve pits dike. ✓
- (c) The topsoil and excavation material stockpiles are reversed as designated on the well pad layout included in the APD. ✓

### Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately 3.2 acres of land surface for the lifetime of the project which would result in

increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a producer, additional surface disturbance would be required to install production pipelines. The potential for fires, gas leaks, and spills of oil and water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh water aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the Green River. The potential for pollution to Willow Creek would exist through leaks and spills.

Determination:

This requested action ~~does~~ does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2)(C).

Date

8/9/79

*E. W. S. [Signature]*  
 District Engineer  
 U.S. Geological Survey  
 Conservation Division  
 Oil and Gas Operations  
 Salt Lake City District



Well 11-17F Looking North  
 Section 17 T10S R20E

FROM: DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-013769-C

OPERATOR: Macco Production Co.

WELL NO. 11-17 F

LOCATION: NE 1/4 NE 1/4 SW 1/4 sec. 17, T. 10S, R. 20E, SLM

Uintah County, Utah

1. Stratigraphy:

Uinta	surface
Green River	1280'
Wasatch	4690
Mesa Verde	7690
TO	8495

2. Fresh Water: Some water can be expleted in Uintah Formation, water occurs in the Birds Nest aquifer at a depth of 1100', and in Douglas Creek aquifer at a depth of 1900' and is at least 500' thick. To insure no contamination, casing should be run to at least 2500' to insure that the Douglas Creek is not contaminated with deeper water of poor quality from the Birds Nest aquifer (marginal quality).
3. Leasable Minerals:

The Mahogany ledge oil shale unit occurs at approximately 1850' through 2000'.

4. Additional Logs Needed: Laterlog BHC Sonic - Neutron log should be run through the Green River Formation.

5. Potential Geologic Hazards: The Wasatch and Mesa Verde sands (and shales) are geopressed. The pressure gradient is normal to the middle of the Wasatch Formation and at that point begins to increase linearly to about 50 psi/ft at the base of the Mesa Verde.

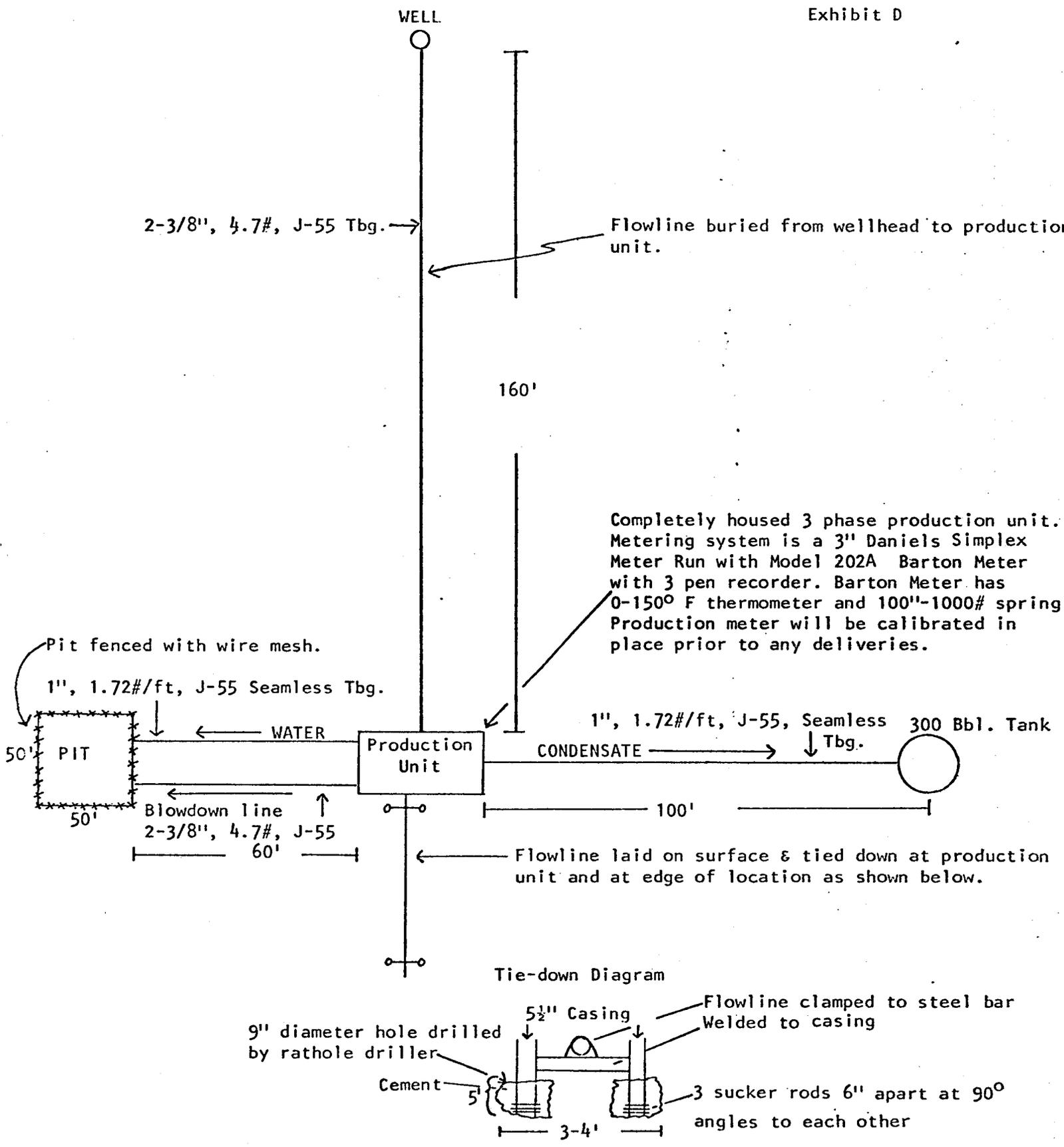
6. References and Remarks: Problems with loss of circulation may be encountered in first 2500'.  
P.I. cards, Cashion's structure contour map of Mahogany ledge, 2° map I-73.  
The oil & gas journal, Jan 16, '78.

Signature: Wendy Heppner

Date: 6 - 18 - 78

Subject	VER BEND UNIT NO. 11-17F	Date
	Section 17, T. 10 S., R. 20 E.	Sheet of
	Uintah County, Utah	By

Exhibit D



UNITED STATES  
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 MAPCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR Suite 320, Plaza West  
1537 Ave. D., Billings, MT 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
At surface 1899' FSL & 2129' FWL, NE SW Section 17, T. 10 S., R. 20 E.  
At proposed prod. zone Same

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	1899'	16. NO. OF ACRES IN LEASE	600	17. NO. OF ACRES ASSIGNED TO THIS WELL	640
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18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	1250'	19. PROPOSED DEPTH	8495'	20. ROTARY OR CABLE TOOLS	Rotary
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21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5104' Ungraded GL

23. 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" New	24#	3200'	Cement to surface.
7-7/8"	5-1/2" New	15.5# & 17#	8495'	Cement up to 1500'

See attached ten-point compliance program.

5-30-79  
M. J. Minder

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 Gary J. Evertz TITLE Drilling & Production Engineer DATE May 25, 1979

(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

TEN-POINT COMPLIANCE PROGRAM OF NTL-6  
APPROVAL OF OPERATIONS

Attached to Form 9-331C

Company: MAPCO PRODUCTION COMPANY

Well: RBU NO. 11-17F

Well Location: 1899 ' FSL, 2179 ' FWL

Section 17, T. 10 S, R. 20 E

County: Uintah State: Utah

1. Geologic Surface Formation

UINTAH

2. Estimated Important Geologic Markers

<u>Formation</u>	<u>Depth</u>
Uintah	Surface
Green River	1283
Wasatch	4688
Chapita Wells	5353
Uteland Buttes	6403
Mesaverde	7673

3. Estimated Depths of Anticipated Water, Oil, Gas or Minerals

<u>Formation</u>	<u>Depth</u>	<u>Remarks</u>
Green River	2498-3833'	Possible water zones.
Green River	1973-2173'	Possible gas bearing zone.
Wasatch	4688-7673'	Gas bearing formation.
Mesaverde	7673-8475' T.D.	Gas bearing formation.

No commercially productive oil bearing sands encountered in this area previously.

4. The Proposed Casing Program

8-5/8", 24#/ft K-55, new casing from 3180' to surface. Cemented to surface.  
5-1/2", 17# & 15.5#, N-80 & K-55 new casing from 8475' to surface. Cemented approximately up to 1500'.

### 5. The Operator's Minimum Specifications for Pressure Control

See Figure #1, attached.

BOP stack has a 3000 psi working pressure. BOP's will be pressure tested before drilling casing cement plugs.

Pipe rams will be operated daily and blind rams as possible.

### 6. The Type and Characteristics of the Proposed Circulating Muds

The well is to be drilled with a saltwater mud system maintaining a weight of approximately 9#/gal with weighting material on location sufficient to weight-up for pressure control.

### 7. The Auxiliary Equipment to be Used

- 1.) Kelly cock.
- 2.) Full opening valve on floor with DP connection for use when Kelly is not in string.
- 3.) Pit volume totalizer equipment will be used.

8. The Testing, Logging, and Coring Programs to be Followed

A mud logger will be used from 3180' to T.D. No drill stem tests will be run. No coring will be done. The logging program will include Dual Laterolog BHC Sonic-Neutron with F log, caliper, and G.R. from T.D. to 3200'. Gamma Ray will be run from 3200' to surface.

9. Any Anticipated Abnormal Pressures or Temperatures Expected

No abnormal pressures are anticipated nor is the area known for abnormal temperatures. The formations to be penetrated do not contain H<sub>2</sub>S gas.

10. The Anticipated Starting Date and Duration of the Operations

Starting Date -

Duration - 30 days.

MULTI-POINT REQUIREMENTS TO ACCOMPANY APD

Attached to Form 9-331C

Company: MAPCO PRODUCTION COMPANY

Well: RBU #11-17F

Well Location: 1899 ' FSL, 2179 ' FWL

Section 17, T. 10 S, R. 20 E

County: Uintah State: Utah

1. Existing Roads

- A. The proposed well site and elevation plat is shown as Exhibit A.
- B. Location is as shown in Exhibit C.
- C. An access road of about .4 mile will be needed to reach the location from the existing road as shown in Exhibit B.
- D. All existing roads are shown on Exhibit B.
- E. There is no anticipated construction on any existing roads.

2. Planned Access Roads:

1. Width: Maximum of 30' right-of-way with road bed being approximately 16'-18', and remainder of right-of-way to be used for borrow ditches.
2. Maximum grade: 8%
3. Turnouts: No turnouts will be necessary.
4. Drainage design: Drain ditches along either side of the road, where necessary for drainage with material from borrow ditch used to build crown of road. As per meeting with BLM, BIA & USGS on May 3, 1979. No speed curves
5. Culverts: on hills.  
None Necessary.
6. Surfacing materials: Native dirt.
7. Gates, cattleguards, fence cuts: There will be no fences encountered with the planned access road.

### 3. Location of Existing Wells

All existing wells known in the area are shown directly on Exhibit B within the -mile radius.

1. Water wells:
2. Abandoned wells:
3. Temporarily abandoned wells:
4. Disposal wells:
5. Drilling wells:
6. Producing wells: Three
7. Shut-in wells:
8. Injection wells:
9. Monitoring or observation wells:

### 4. Location of Existing and/or Proposed Facilities

A. The location of existing and/or proposed facilities, if any, owned or controlled by lessee/operator within the 1-mile radius will be shown on Exhibit B.

1. Tank batteries: None
2. Production facilities: Existing facilities are at RBU #11-18F and OSC #1, new facilities will be located on drill pad.
3. Oil gathering lines: None
4. Gas gathering lines: Proposed line will be laid on the surface and welded. It will go west from the well approximately 800 feet to an existing gas line. The proposed gas line will be new 3-1/2" OD line pipe, 7.58#/ft, .216" Wt, API5L 42, 3000 psi mill test pressure, 3730 psi W.P.. The existing gas line ends up at a tap in Mountain Fuels main 20" sales line located at a point in the SW/4 of Sec. 7, T. 10 S., R. 20 E. Exhibit D is a layout of flowlines on the location. Proposed line route is flagged.
5. Injection Lines: None
6. Disposal Lines: None

B. It is contemplated that, in the event of production, all new facilities will be easily accommodated on the drill pad on the solid base of cut and not placed on the fill areas.

1. No flagging then will be needed.

2. The dimensions of the production facilities and the location of facilities is drafted on Exhibit D. If production is obtained, then the unused areas will be restored as later described.
  3. Concrete as needed and any gravels needed will be purchased from private sources.
  4. All pits will be fenced to minimize any hazard to sheep, cattle, antelope and other animals that graze the area. Flagging material will be used as needed, if water or other fluid is produced.
- C. Rehabilitation, whether the well is productive or dry, will be accomplished as soon as possible in those areas already described, and in accordance with Item 10 following.

5. Water Supply

Water source is shown on Exhibit B.

- A. Water to be used for drilling will be hauled by truck from Willow Creek at a point located in the NE/4 of Section 22, T. 10 S., R. 20 E.
- B. No pipelines are anticipated. Hauling will be on the road(s) shown in Exhibit B.
- C. No water well is anticipated to be drilled at this time

6. Source of Construction Materials

- A. No construction material, insofar as drilling, will be needed.
- B. No construction materials will be obtained from Federal of Indian land.
- C. The native materials that will be used in the construction of this location site and access road will consist of sandy-clay soils and sandstone and shale materials gathered in actual construction of the road and location.
- D. Access roads crossing Federal lands are shown under Item 2.

7. Handling Waste Disposals

1. Drill cuttings will be buried in the reserve pit when covered.
2. Drilling fluids will be handled in the reserve pit.
3. Any produced fluids during drilling tests or while making production tests will be collected in reserve pit.

4. Any sewage will be covered or removed and chemical toilets will be provided.
5. Garbage and other waste material will be enclosed in a wire mesh container, and then disposed of in an approved waste disposal facility.
6. After the rig moves out, all materials will be cleaned up and no adverse materials will be left on location. Any dangerous open pit will be fenced or covered.  
removed or covered.

#### 8. Ancillary Facilities

No proposed airstrip, camp, or other facility will be built during the drilling or completion of this well.

#### 9. Well Site Layout

1. Exhibit A is the drill pad layout on a scale of 1" = 40'.
2. & 3. Exhibit A is a layout of the drilling rig, pits, and burn pits. Parking and trailers will be along the North side of the area as shown. The access road will be from the North. Soil stockpiles are also shown on Exhibit A.
4. The reserve pit will not be lined. Steel mud pits may be used, at least in part, during drilling operations.

#### 10. Plans for Restoration

1. Backfilling, leveling and gentle sloping is planned and will be accomplished as soon as possible after plugging or setting of production casing. Waste disposal and spoils materials will be buried or hauled away immediately after operations cease from drilling and/or completion.
2. The soil banked materials will be spread over the area and gentle sloping or contouring to meet the existing terrain. Revegetation will be by planting of native vegetation to the area or some other combination as recommended by BLM.  
The access road to the drill pad will be revegetated, if needed. Any damage to present existing roads will be repaired as needed.
3. Prior to rig release, the pits will be fenced on the fourth side and so maintained until cleanup is accomplished. The reserve pit will have fencing on three sides during drilling.

4. If any oil is on the pits, and is not immediately removed after operations cease, then the pit will be flagged overhead to keep birds and fowl out.
5. The commencement of rehabilitation operations will begin as soon as possible after drilling ceases. Planting will be planned as suggested by BLM.

#### 11. Other Information

1. Topography: The well location is on the edge of a draw surrounded by hills. There is natural drainage of water away from the location. Location has very little vegetation.

Soil Characteristics and Geologic features: The soils of this semi-arid area are of the Uinta and Duchesne River formation (the Fluvial Sandstone & Mudstone) from the Eocene Epoch and Quaternary Epoch (gravel surfaces) and the visible geologic structures consists of light brownish-gray clays (OL) to sandy soils (SM-ML) with poorly graded gravels and shales with out crops of rock (sandstone, mudstone, conglomerates & shales.)

Flora:

Areas of sagebrush, rabbitbrush, some grasses and cacti, and large areas of bare soils devoid of any growth.

Fauna: Is sparse but consists predominantly of the mule deer, coyotes, pronghorn antelope, rabbits, and varieties of small ground squirrels and other types of rodents, and various reptiles common to the area. Birds of the area are raptors, finches, ground sparrows, mag pies, corws and jays.

2. Type of Surface use activity: Primary purpose is grazing domestic livestock.

Surface ownership of all involved lands: Bureau of Land Management.

3. Proximity of usable water (shown on Exhibit B):  
Nearest useable water is Willow Creek located 2 miles to the east.

Occupied dwellings (if any, shown on Exhibit C):  
Nearest occupied dwellings are in Ouray, Utah.

Archaeological or historical sites (if any, shown on Exhibit B):

None are known.

Survey done by Archaeological- Environmental Research Corp. of Salt Lake City, Utah.

4. Reported restrictions or reservations in lease:

12. Lessee's or Operator's Representative

Frank E. Farnham  
Regional Operations Superintendent  
MAPCO PRODUCTION COMPANY  
Suite 320, Plaza West  
1537 Avenue D.  
Billings, Montana 59102  
Phone: (406) - 248-7406  
or  
(406) - 656-4535

or

Darwin Kulland  
District Superintendent  
MAPCO PRODUCTION COMPANY  
P. O. Box 1360  
Roosevelt, Utah  
Phone: (801) -722-4521

13. Certification

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

DATE:

5/25/79

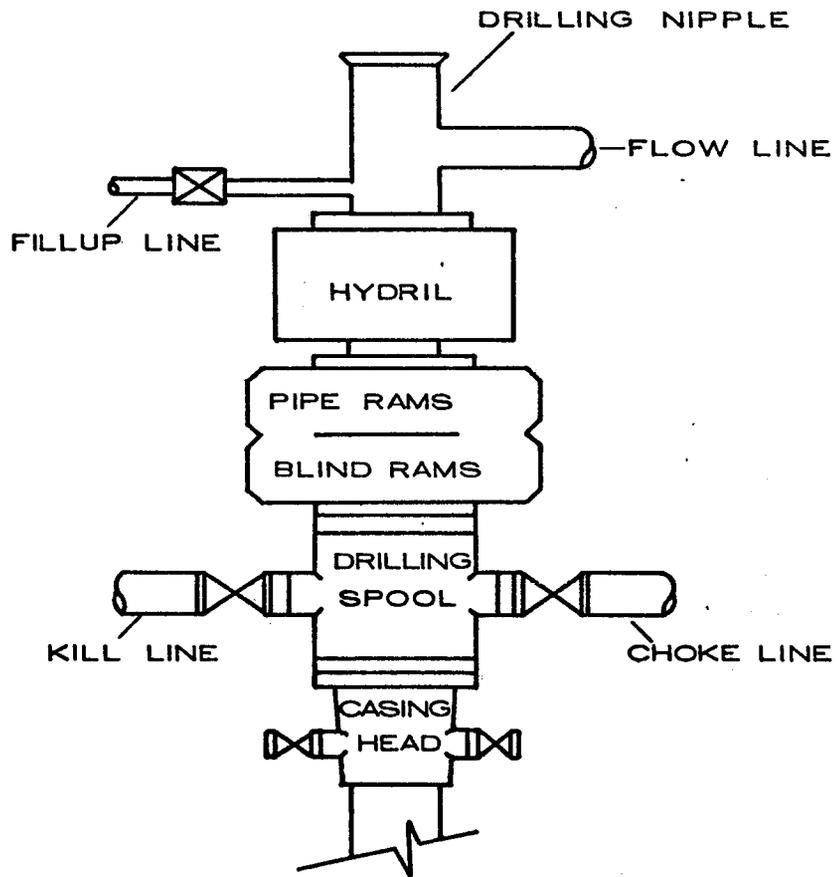
NAME:

F. Farnham

TITLE:

Supt. of Operations

## BOP STACK



## CHOKE MANIFOLD

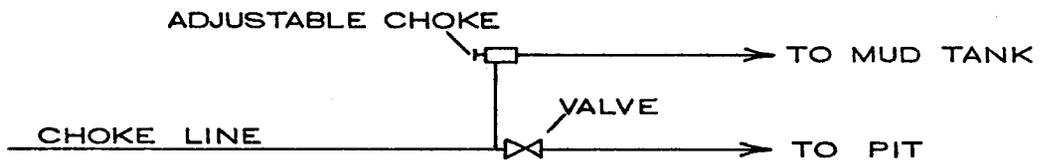


FIGURE 1

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING

\*\* FILE NOTATIONS \*\*

Date: May 29, 1979

Operator: Mapco Production Co.

Well No: River Bend Unit 11-17F

Location: Sec. 17 T. 10S R. 30E County: Uintah

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

✓ API Number: 43-047-30584

CHECKED BY:

Administrative Assistant: \_\_\_\_\_

Remarks:

Petroleum Engineer: M. J. Minder 5-30-79

Remarks:

Director: 7

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. \_\_\_\_\_

Surface Casing Change   
to \_\_\_\_\_

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

O.K. Rule C-3

O.K. In RIVER BEND Unit

Other:

Letter Written/Approved

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-013769-C

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1.

OIL WELL  GAS WELL  OTHER

NAME OF OPERATOR  
MAPCO PRODUCTION COMPANY  
Alpine Executive Center

ADDRESS OF OPERATOR  
1643 Lewis Ave., Suite 202  
Billings, Montana 59102

LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
Use space 17 below.)

SW (1899' FSL & 2129' FWL), Sec 17, T. 10 S., R. 20 E.

7. UNIT AGREEMENT NAME

River Bend

8. FARM OR LEASE NAME

9. WELL NO.

RBU 11-17F

10. FIELD AND POOL, OR WILDCAT

River Bend

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

Sec 17, T. 10 S., R. 20 E.

14. PERMIT NO.

43-057-30584

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

5104' Ungraded GL

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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

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

Completion: Estimated starting date: December 26, 1979.

- MIRU workover unit. Install 1500 series BOP's (6" 5000 psi working pressure, 10,000 psig test). ROP's to be operated daily.
- Perforate the Wasatch and Chapita Wells formations from 4743' to 6206' with 23 shots.
- RIH with 2-3/8" tubing to 4550'±.
- Install wellhead. RD and release workover unit.
- RU treating company and pressure test surface lines to 5000 psig.
- Treat Wasatch and Chapita Wells from 4743' to 6206' with 200,000# of 10-20 sand and 85,000 gallons of gelled water. Treating pressure anticipated to be 4500 psi.
- Flow well to pit to cleanup frac fluid.
- Test well through three-phase production unit with Barton Meter.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: 1-7-80

BY: *M. J. Minder*

RECEIVED

DEC 24 1979

DIVISION OF  
OIL, GAS & MINING

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

SIGNED *Richard Baumann*

TITLE Engineering Technician

DATE 12-18-79

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form 9-329-1 Rev. Feb 76  
OMB 42-RO356

MONTHLY REPORT  
OF  
OPERATIONS  
(Continued)

Lease No. NA  
Communitization Agreement No. NA  
Field Name Unnamed  
Unit Name RIVER BEND  
Participating Area WASATCH MESAVERDE -B-  
County Uintah State Utah  
Operator MAPCO PRODUCTION COMPANY

Amended Report

The following is a continuation of the report of operations and production (including status of all unplugged wells) for the month of February, 1980

(See Reverse of Form 9-329 for Instructions)

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
RBU 11-17F	NE SW Sec. 17	10S	20E	PGW	0	0	0	0	G.S.I. Evaluating formation

March 14, 1980

Mapco Production Co.  
1643 Lewis Ave.  
Suite 202  
Billings, Montana 59102

Re: Well No. River Bend Unit 11-17F  
Sec. 17, T. 10S, R. 20E.  
Uintah County, Utah  
January-February 1980

Well No. River Bend 7-25B  
Sec. 25, T. 9S, R. 19E.  
Uintah County, Utah  
December 1979-February 1980

Gentlemen:

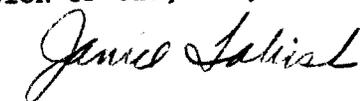
Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject wells.

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

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING



JANICE TABISH  
CLERK-TYPIST

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 **MAPCO PRODUCTION COMPANY**  
**Alpine Executive Center**

3. ADDRESS OF OPERATOR **1643 Lewis Ave., Suite 202**  
**Billings, MT 59102**

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: **NW/4 SW/4 1899' FSL & 2129' FWL**  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

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 checked="" type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input checked="" 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 STATUS <input type="checkbox"/>	<input checked="" type="checkbox"/>

5. LEASE  
**U-013769-C**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
**River Bend Unit**

8. FARM OR LEASE NAME

9. WELL NO.  
**11-17F**

10. FIELD OR WILDCAT NAME  
**River Bend**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Section 17**  
**T. 10 S., R. 20 E.**

12. COUNTY OR PARISH  
**Uintah**

13. STATE  
**Utah**

14. API NO.  
**43-057-30584**

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
**5104' Ground (graded), 5118' K.B.**

(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.)\*

The RBU 11-17F has been Shut In since its initial production on 4-2-80.  
The well is currently being evaluated.  
Enclosed with this Sundry Notice is a Completion Report. The Report has no test data due to insufficient production.



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

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

SIGNED Richard Baumann TITLE Eng. Technician DATE 4-16-80

Set @ **APR 16 1980**  
DIVISION OF OIL, GAS & MINING

(This space for Federal or State office use)

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

April 22, 1980

Mapco Production CO.  
1643 Lewis Ave.  
Billings, Montana 59102

Re: Well No. 11-17F  
Sec. 17, T.10S, R. 20E.  
Uintah County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office 4-16-80, from above referred to well indicates the following electric logs were run: DLL, MLL, FDC-CNL, BHC. As of todays date this office has not received the MLL LOG.

To complete our files, please forward this log to this office as soon as possible.

Thank you for your cooperation in the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING



JANICE TABISH  
CLERK-TYPIST

UNITED STATES DEPARTMENT OF THE INTERIOR  
REVISÉD GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

U-013769-C

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. LEASE AGREEMENT NAME

River Bend

14-08-0001-16035

8. FARM OR LEASE NAME

9. WELL NO.

11-17F

10. FIELD AND POOL, OR WILDCAT

River Bend

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

Sec. 17

T. 10 S., R. 20 E.

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

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

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

2. NAME OF OPERATOR MAPCO Production Company  
Alpine Executive Center

3. ADDRESS OF OPERATOR 1643 Lewis Ave., Suite 202  
Billings, MT 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface NE SW 1849' FSL & 2129' FWL

At top prod. interval reported below SAME

At total depth SAME

14. PERMIT NO. 43-047-30584

DATE ISSUED 8-14-79

15. DATE SPUDDED 10-15-79

16. DATE T.D. REACHED 11-29-79

17. DATE COMPL. (Ready to prod.) 1-22-80

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5104' Ungraded G1

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 8700'

21. PLUG, BACK T.D., MD & TVD 8653'

22. IF MULTIPLE COMPL., HOW MANY\* 2

23. INTERVALS DRILLED BY ROTARY TOOLS XX

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
Chapita Wells: 6176-6180, 6041-6043  
Upper Wasatch: 4746-4749

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DLD, FDC-CND, BHO mud

27. WAS WELL CORED Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	125'	17-1/2"	125 sacks	
8-5/8"	32# & 24#	3771'	12-1/4"	1550 sacks	
5-1/2"	17# & 15.5#	8695'	7-7/8"	2432 sacks	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	4561	

31. PERFORATION RECORD (Interval, size and number)

Interval	Size	Number
Chapita Wells: 6178-6174	.34"	8 holes
6039-6037		
Upper Wasatch: 4732-4735	.34"	4 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6178-6174	2000 gal 2% KCl
6039-6037	4300 gal gelled water
4732-4735	90,000# 10-20 sand

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
1-22-80	Flowing	SI

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

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
NO TEST							

35. LIST OF ATTACHMENTS

Flow. Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	OIL—BBL.	GAS—MCF.	WATER—BBL.	WELL HEAD PRESS. (CORR.)

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

SIGNED Richard Baumann TITLE Engineering Technician DATE 4-16-80

RECEIVED  
MAY 5 1980

\*(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.)

**37. SUMMARY OF POROSITY ZONES:**

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
				Wasatch	4683'	
				Chapita Wells	5334'	
				Uteland Buttes	6414'	
				Mesaverde	7662'	

**38. GEOLOGIC MARKERS**



**mapco** PRODUCTION COMPANY

April 30, 1980

State of Utah  
Department of Natural Resources  
Division of Oil & Gas  
1588 West North Temple  
Salt Lake City, Utah 84116

Attn: Janice Tabish

Re: Well No 11-17F  
Sec. 17, T. 10 S., R. 20 E.  
Uintah County, Utah

Janice,

The MLL log referred to in the Completion Report for the RBU 11-17F was attempted but no results were obtained due to mechanical failures. Therefore, we have no such log to forward to your office.

Enclosed is a revised Completion Report with the MLL log omitted from the list of electric logs run.

Very truly yours,

MAPCO Production Company

*Richard Baumann*

Richard Baumann  
Engineering Technician

REB/jlu  
Enclosure



**mapco** PRODUCTION COMPANY

May 1, 1980

U.S. Geological Survey  
Conservation Division  
Branch of Oil & Gas  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, Utah 84104

Attn: Mr E W Guynn, District Engineer

Re: Revised Completion Report  
RBU 11-17F  
NE SW Sec. 17, T10S, R20E  
Uintah County, Utah

Gentlemen:

Enclosed please find a revised completion report on the above captioned well. The original completion report included an MLL log in Item #26. The MLL log has been omitted on the revised report since no results were obtained from the log because of mechanical failures.

Very truly yours,

MAPCO Production Company

*Richard Baumann*  
Richard Baumann  
Engineering Technician

REB/jlu  
Enclosure

cc: State of Utah

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 MAPCO PRODUCTION COMPANY  
Alpine Executive Center

3. ADDRESS OF OPERATOR 1643 Lewis Ave., Suite 202  
Billings, MT 59102

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: NW/4 SW/4 1899' FSL & 2129' FWL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

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 checked="" type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input checked="" type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)	<input type="checkbox"/>		<input type="checkbox"/>

5. LEASE U-013769-C	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME River Bend Unit	
8. FARM OR LEASE NAME	
9. WELL NO. 11-17F	
10. FIELD OR WILDCAT NAME River Bend	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 17 T. 10 S., R. 20 E.	
12. COUNTY OR PARISH Uintah	13. STATE Utah
14. API NO. 43-057-30584	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 5104' Ground (graded), 5118' K.B.	

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

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

PLEASE SEE ATTACHED PROCEDURE

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: 8/27/80

BY: CB [Signature]

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

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

SIGNED Richard Baumann TITLE Engineering Tech DATE 8-15-80

(This space for Federal or State office use)

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

RIVERBEND UNIT NO. 11-17F  
NE, SW, SECTION 17, T. 10 S., R. 20 E.  
UINTAH COUNTY, UTAH

COMPLETION PROCEDURE - MESAVERDE FORMATION

1. RU slickline truck and check for T.D. (F.C. @8658').
2. RU completion rig.
3. Control well with 2% kcl water.
4. If necessary, PU 2-3/8" tubing and circulate out sand. After circulating out sand, displace casing with 2% kcl water containing 3 gal/1000 L53 and 1 gal/1000 F75N.
5. POOH with 2-3/8" tubing.
6. PU Peabody Vann perforating assembly, 5-1/2" Baker R3 DG packer with Vann Vent assembly and 2-3/8" tubing. Run an Otis type X landing nipple one joint above packer. Set packer using GR to position guns at the following Dual Laterolog depths:  

Mesaverde: 8566, 8565, 8564, 8563, 8562, 8561,<sup>B</sup>  
8560, 8559, 8464, 8463, 8462, 8461,  
8460, 8459, 8458, 8457, 8351, 8350,  
8349, 8348, 8347, 8346, 8345, 8344

Perforate with 4" casing gun utilizing Vann's 22 gram charges.
7. ND BOP, NU tree and stake down line to pit.
8. Drop bar to fire guns.
9. If there is measurable gas to surface, RD completion rig. If there is no measurable gas continue with step 15.
10. Flow well to get a stabilized rate.
11. Run a pressure bomb on the bottom of an Otis type X locking mandrel for a 144 hour pressure build-up test (as per pressure testing procedure).
12. After testing is completed pull X mandrel and pressure bomb.
13. RU completion rig.
14. Control well with 2% kcl water. Use minimum amount of water necessary to ensure safe working conditions.
15. ND tree, NU BOP.
16. Release PKR and POOH with BHA.
17. LD Vann perforating assembly. RIH with R3 PKR and Otis landing nipple to  $\pm 8200'$ .
18. ND BOP, set PKR, NU tree.
19. Swab well in or down as far as possible and release completion rig.
20. RU Dowell and breakdown the Mesaverde perforations with 100 barrels of 2% kcl water containing .2% F75N and .4% L53. All fluid is to contain 500 SCF/Bbl nitrogen. Treat at  $\pm 4$  BPM with a maximum wellhead pressure of 6500 psi. Disperse 40 (1.1 Sp. Gr.) balls throughout in attempt to ball out. Flow to pit as soon as possible after 15 min. shut in.
21. Flow well for a sufficient length of time to clean up load fluid and establish a stabilized gas rate.
22. If there is measurable gas, shut well in for a bottom hole pressure test as described in step 11.
23. Frac detail will follow.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form 9-329-1 Rev. Feb 76  
OMB 42-RO356

MONTHLY REPORT  
OF  
OPERATIONS  
(Continued)

Lease No. \_\_\_\_\_ NA \_\_\_\_\_  
Communitization Agreement No. \_\_\_\_\_ NA \_\_\_\_\_  
Field Name \_\_\_\_\_ Unnamed \_\_\_\_\_  
Unit Name \_\_\_\_\_ RIVER BEND \_\_\_\_\_  
Participating Area \_\_\_\_\_ WASATCH MESAVERDE -B- \_\_\_\_\_  
County \_\_\_\_\_ Uintah \_\_\_\_\_ State \_\_\_\_\_ Utah \_\_\_\_\_  
Operator \_\_\_\_\_ MAPCO PRODUCTION COMPANY \_\_\_\_\_

Amended Report

The following is a continuation of the report of operations and production (including status of all unplugged wells) for the month of November, 19 80

(See Reverse of Form 9-329 for Instructions)

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
RBU 11-17F	NE SW Sec. 17	10S	20E	GSI	0	0	0	0	SI Pending Formation evaluation

**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.

5. LEASE DESIGNATION AND SERIAL NO.

U-013769-C

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

River Bend Unit

8. FARM OR LEASE NAME

9. WELL NO.

11-17F

10. FIELD AND POOL, OR WILDCAT

River Bend

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

Sec. 17, T10S, R20E

12. COUNTY OR PARISH

Uintah

13. STATE

UT

**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  
MAPCO Production Co.

3. ADDRESS OF OPERATOR  
1643 Lewis, Ste. 202, Billings, MT 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface NE SW 1849' FSL & 2129' FWL Section 17

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

43-057-30584

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 19. ELEV. CASINGHEAD

12-12-80

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
None

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

8351'-8566' Mesaverde 23 holes

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8351'-8566'	44000 gal gelled H <sub>2</sub> O
	69000 # 20/40 sand
	2250 gal 15% HCl

33.\* PRODUCTION

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

DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO  
No test

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)

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

35. LIST OF ATTACHMENTS

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

SIGNED R. E. Baumann TITLE Engr. Tech. DATE 11-10-81  
R. E. Baumann

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

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 **MAPCO PRODUCTION COMPANY**  
**Alpine Executive Center**

3. ADDRESS OF OPERATOR **1643 Lewis Ave., Suite 202**  
**Billings, MT 59102**

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: **NW/4 SW/4 1899' FSL & 2129' FWL**  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE **U-013769-C**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME **River Bend Unit**

8. FARM OR LEASE NAME

9. WELL NO. **11-17F**

10. FIELD OR WILDCAT NAME **River Bend**

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA **Section 17**  
**T. 10 S. R. 20 E.**

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

14. API NO. **43-057-30584**

15. ELEVATIONS (SHOW DF, KDB, AND WD) **5104' Ground (graded), 5118' K.B.**

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 checked="" type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)	<input type="checkbox"/>		<input 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.)\*

Please see attached for details of workover in the Mesaverde formation. The well is SI pending formation evaluation. There is no test data due to insufficient production.

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

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

SIGNED R. E. Baumann TITLE Engr. Tech. DATE 11-10-81

R. E. Baumann

(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 MAPCO PRODUCTION COMPANY  
Alpine Executive Center

3. ADDRESS OF OPERATOR 1643 Lewis Ave., Suite 202  
Billings, MT 59102

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: NW/4 SW/4 1899' FSL & 2129' FWL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
U-013769-C

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
River Bend Unit

8. FARM OR LEASE NAME

9. WELL NO.  
11-17F

10. FIELD OR WILDCAT NAME  
River Bend

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 17  
T. 10 S., R. 20 E.

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. API NO.  
43-057-30584

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5104' Ground (graded), 5118' K.B.

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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
(other)		

(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.)\*

MAPCO Production Co. intends to abandon the Wasatch, Chapita Wells and Mesaverde formations and test the Wasatch Tongue zones. If these zones are non productive, then the well will be P&A'd. Please see the attached for details.

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

DATE: 3/22/82  
BY: [Signature]

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

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

SIGNED R. E. Baumann TITLE Engr. Tech. DATE 3-11-82  
R. E. Baumann

(This space for Federal or State office use)

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

Approvals  
Mgr Oper \_\_\_\_\_  
Dist Supt \_\_\_\_\_  
Foreman \_\_\_\_\_  
Engineer \_\_\_\_\_

Revised  
2-11-82

RBU 11-17F  
NE SW Section 17, T10S, R20E  
AFE No.

WORKOVER PROCEDURE

Present Condition

8-5/8" at 3771'. Cement to surface.  
5-1/2", 15.5 and 17# K-55 and 17# N-80, set at 8695'. 17# N-80 to 3747'. (Attempted to cement up to 3500'.) Cement top somewhere above 3700'. PBSD 8653'.  
2-3/8", 4.6#, J-55 tbg with packer at 8283'.  
Perfs: Wasatch 4732-35', Chapita Wells 6041-43', 6176-80', Mesaverde 8351-8566'.

Workover Objective

Abandon Wasatch, Chapita Wells and Mesaverde formations and test the Wasatch Tongue zones. If these zones are non-productive, the well will be plugged and abandoned.

Procedure

1. RU workover rig. Kill well, ND tree and NU BOP.
2. Release packer and POOH. TIH open-ended to PBSD 8653'. Circulate and spot 9.2 ppg, 50 vis, gel base mud from PBSD to 4700'. Pull to 8600' and spot 300' cmt across perfs. Pull to 6230' and spot 250' cmt across perfs.
3. Pull to 4800' and spot 100' cmt across perfs. POOH.
4. RU WL truck. RIH with and set CIBP at 4600'. Spot 50' cmt on CIBP.
5. Perforate Wasatch Tongue at 4248', 4246', 4218', 4216' with a 4" casing gun loaded one spf, phase 120°. Shoot .3" - .35" holes. RD.
6. RIH with 5-1/2" treating packer. Set pkr at 4150'±. Swab test. If necessary, break down with 1000 gal 15% HCl containing non-emulsifier and corrosion inhibitor. Drop 12 (1.1 sp gr) balls for diversion. Treat at ±6 BPM with a maximum pressure of 6500 psi.
7. Swab test both zones. Get a sample of formation fluid and label with zone, date, and well. Report entry rate as well as cut.
8. Move packer and set at 4240' exactly. Swab test lower zone. Get a sample of formation fluid and label with zone, date, and well. If zones are productive, frac procedure will follow.
9. Review testing of all zones and either isolate or squeeze all wet zones.
10. RU production equipment. Pod design, pump size, etc. will follow.



CNG PRODUCING COMPANY  
TULSA DIVISION

RECEIVED

FEB 22 1985

February 15, 1985

DIVISION OF OIL  
& GAS & MINING

State of Utah  
Division of Oil, Gas and Mining  
335 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Re: Transfer of Ownership and  
Operations  
Oil and Gas Wells  
State of Utah

Gentlemen:

This letter is to inform you that:

CNG Producing Company  
705 S. Elgin Ave., P. O. Box 2115  
Tulsa, Oklahoma 74101-2115

has acquired the ownership and operations of oil and gas wells formerly  
owned and operated by:

MAPCO Oil & Gas Company  
Tulsa, Oklahoma

Attached is a listing of wells involved in the transfer. Should  
there be any question regarding this matter, I may be contacted at  
(918)599-4005.

Sincerely,

Greg Bechtol  
Sr. Engineering Technician

GB/sr  
Attachment



**CNG PRODUCING COMPANY**  
TULSA DIVISION

**RECEIVED**

FEB 27 1985

February 25, 1985

**DIVISION OF OIL  
GAS & MINING**

State of Utah  
Division of Oil & Gas Mining  
355 W. North Temple  
3 Triad Center - Suite 350  
Salt Lake City, Utah 84180-1203

Gentlemen:

Effective January 1, 1985, CNG Producing Company, New Orleans, LA., purchased the oil and gas properties of MAPCO Oil & Gas Company located in the state of Utah. Attached is a list of the properties sold for which CNG will now be responsible.

Please direct any future correspondence concerning these wells to the address shown below:

CNG Producing Company - Tulsa Division  
P. O. Box 2115  
Tulsa, OK 74101-2115  
Attention: Joe C. Lineback

Yours truly,

Joe C. Lineback.  
Manager of Accounting

JCL/cf

Attachment

RIVER BEND UNIT NO. 14-08-0001-16035  
 UINTAH COUNTY, UTAH

Status of All Wells Located Within the River Bend Unit

<u>Well Name</u>	<u>Location</u>	<u>Status</u>
1. OSC No. 1	SE NW Sec. 17-T10S-R20E	Water supply well
2. OSC No. 2	NW SE Sec. 3-T01S-R20E	Suspended gas well
3. OSC No. 3	SW NE Sec. 10-T10S-R20E	Plugged & abandoned
4. OSC No. 4	NW NE Sec. 30-T 9S-R20E	Suspended gas well
5. OSC No. 4A	NW NE Sec. 30-T 9S-R20E	Suspended gas well
6. OSC No. 5	NE NE Sec. 2-T10S-R18E	Producing oil well
7. Natural 1-2	SE NW Sec. 2-T10S-R20E	Plugged & abandoned
8. OSC No. 7-15	SW NW Sec. 15-T10S-R19E	Producing gas well
9. RBU 11-16E	NE SW Sec. 16-T10S-R19E	Producing gas well
10. RBU 11-18F	NE SW Sec. 18-T10S-R20E	Producing gas well
11. RBU 11-13E	NE SW Sec. 13-T10S-R19E	Producing gas well
12. RBU 7-21F	SW NE Sec. 21-T10S-R20E	Producing gas well
13. RBU 11-15F	NE SW Sec. 15-T10S-R20E	Producing gas well
14. RBU 11-19F	NE SW Sec. 19-T10S-R20E	Producing gas well
15. RBU 11-10E	NE SW Sec. 10-T10S-R19E	Producing gas well
16. RBU 11-23E	NE SW Sec. 23-T10S-R19E	Producing gas well
17. RBU 11-21E	NE SW Sec. 21-T10S-R19E	Producing oil well
18. RBU 11-14E	NE SW Sec. 14-T10S-R19E	Producing gas well
19. RBU 11-16F	NE SW Sec. 16-T10S-R20E	Producing gas well
20. RBU 11-36B	NE SW Sec. 36-T 9S-R19E	Plugged & abandoned
21. FED 7-25B	SW NE Sec. 25-T 9S-R19E	Producing oil well
22. RBU 7-11F	SW NE Sec. 11-T10S-R20E	Producing gas well
23. RBU 11-17F	NE SW Sec. 17-T10S-R20E	Suspended gas well
24. RBU 5-11D	SW NW Sec. 11-T10S-R18E	Producing gas well
25. RBU 11-22E	NE SW Sec. 22-T10S-R19E	Producing gas well
26. RBU 4-11D	NW NW Sec. 11-T10S-R18E	Producing oil well
27. RBU 15-23F	SW SE Sec. 23-T10S-R20E	Plugged & abandoned
28. RBU 11-3F	NE SW Sec. 3-T10S-R20E	Producing gas well
29. RBU 11-2F	NE SW Sec. 2-T10S-R20E	Producing oil well
30. RBU 7-22F	SW NE Sec. 22-T10S-R20E	Producing gas well
31. RBU 8-14F	SE NE Sec. 14-T10S-R20E	Producing gas well
32. RBU 6-20F	SE NW Sec. 20-T10S-R20E	Producing gas well
33. RBU 11-24E	NE SW Sec. 24-T10S-R19E	Producing gas well
34. RBU 7-10F	SW NE Sec. 10-T10S-R20E	Producing gas well
35. RBU 1-10E	NE NE Sec. 10-T10S-R19E	Producing gas well
36. RBU 1-15E	NE NE Sec. 15-T10S-R19E	Producing gas well
37. RBU 1-22E	NE NE Sec. 22-T10S-R19E	Producing gas well
38. RBU 1-14E	NE NE Sec. 14-T10S-R19E	Producing gas well
39. RBU 1-23E	NE NE Sec. 23-T10S-R19E	Producing gas well
40. RBU 2-11D	NW NE Sec. 11-T10S-R18E	Producing oil well
41. RBU 4-19F	NW NW Sec. 19-T10S-R20E	Producing gas well
42. RBU 16-3F	SE SE Sec. 3-T10S-R20E	Producing gas well
43. RBU 13-11F	SW SW Sec. 11-T10S-R20E	Producing gas well
44. RBU 16-16F	SE SE Sec. 16-T10S-R20E	Producing gas well
45. RBU 6-2D	SE NW Sec. 2 T10S-R18E	Producing oil well

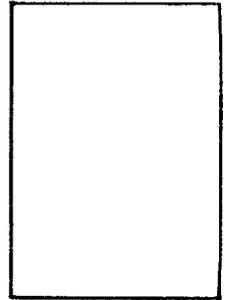
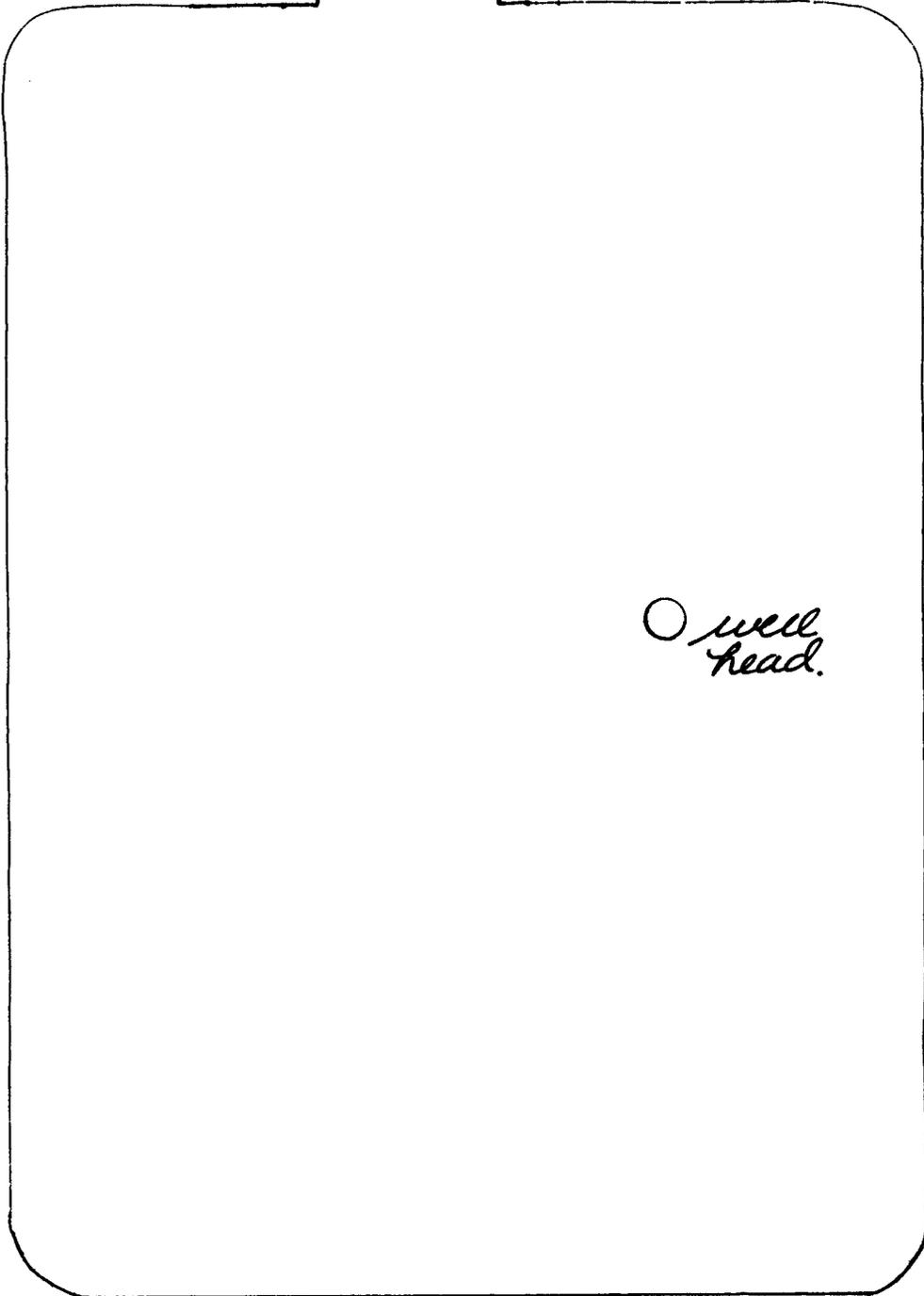
RBU 11-17F

Sec 17 10 80 20E

D. vol Kuby July Aug 88

main road

access road



Emergency pit

○ well head.

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



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate  
(Other instruction  
verse side)

Form approved.  
Budget Bureau No. 1004-0111  
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.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
CNG Producing Co.

3. ADDRESS OF OPERATOR  
Box 2115, Tulsa, OK 74101-2115

4. LOCATION OF WELL (Report location clearly and in accordance with requirements.  
See also space 17 below.)  
At surface  
1899' FSL & 2129' FWL NW/4 SW/4 Sec. 10

14. PERMIT NO.  
43-057-30584

15. ELEVATIONS (Show whether DF, WT, or other)  
5104 GR

7. UNIT AGREEMENT NAME  
River Bend Unit

8. FARM OR LEASE NAME  
RBU

9. WELL NO.  
11-17F

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
17-10S-20E

12. COUNTY OR PARISH  
Uintah

13. STATE  
UT

RECEIVED  
JUN 19 1989

DIVISION OF  
OIL, GAS & MINING

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

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

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

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

- No attempt to recover the 5 1/2" production casing. Primary cement was circulated to surface.
1. Notify DOGM office in Vernal, UT at (801) 789-1362, 24 hr. prior to plugging operations.
  2. Control well w/lease water.
  3. ND wellhead, NU BOP's.
  4. POOH w/tbg.
  5. Set a CIBP or retainer at 4200' and dump 5 sx cmt on top.
  6. Circulate hole w/9#/gal mud.
  7. Pressure test 8-5/8" x 5-1/2" annulus to 500 psi. Prepare to squeeze w/50 sx "G" cement if leaks occur.
  8. Spot a 140 ft cement plug from 3880-3700'.
  9. Spot a 100 ft cement plug at ±1000' to cover Green River, Uinta formation contact.
  10. Use 20 sx cement to cover all casing tops and annuli.
  11. Install dry hole marker using minimum 4" pipe, 4' tall.
  12. Reclaim location per APD stipulations.

50-10  
70  
HID  
200  
MUDROOM  
BIR

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

SIGNED Susan Lay TITLE Engineering Technician DATE June 14, 1989

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:  
Federal approval of this action is required before commencing operations \*See Instructions on Reverse Side

ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING  
DATE: 6-21-89  
BY: John R. B...

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

6. Lease Designation and Serial Number  
**U-013769-C**

7. Indian Allottee or Tribe Name

8. Unit or Communization Agreement

**River Bend Unit**

9. Well Name and Number

**RBU 11-17F**

10. API Well Number  
**43-047-30584**

11. Field and Pool, or Wildcat

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new well, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT - for such proposals

1. Type of Well  
 Oil Well     Gas Well     Other (specify)

2. Name of Operator  
**CNG Producing Company**

3. Address of Operator  
**1450 Poydras St., New Orleans, LA 70112-6000**

4. Telephone Number  
**(504) 593-7260**

5. Location of Well

Footage : **1,849' FSL & 2,129' FWL**  
**QQ, SEC., T., R., M.: NE SW 17-T10S-R20E**

County : **Uintah**  
 State : **UTAH**

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

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

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

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

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment *           | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other        | <u>Annual Status Report</u>                   |

Approximate Date Work Will Start \_\_\_\_\_

Date of Work Completion \_\_\_\_\_

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

\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETION 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.)

**STATUS OF WELL**

Shut-in

**EXPLANATION FOR STATUS OF WELL**

Under evaluation

**FUTURE PLANS**

Possible workover or recompletion

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

Name & Signature *W. Scot Childress*  
**W. Scot Childress**

Title Supervisor, Prod. Engineering

Date January 16, 1996

(State Use Only)

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

6. Lease Designation and Serial Number  
U-013769-C

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

River Bend Unit

9. Well Name and Number

RBU 11-17F

10. API Well Number  
43-047-30584

11. Field and Pool, or Wildcat

1. Type of Well

Oil Well  Gas Well  Other (specify)

2. Name of Operator  
CNG Producing Company

3. Address of Operator  
1450 Poydras St., New Orleans, LA 70112-6000

4. Telephone Number  
(504) 593-7260

5. Location of Well

Footage : 1,849' FSL & 2,129' FWL  
QQ, SEC., T., R., M.: NE SW 17-T10S-R20E

County : Uintah  
State : UTAH

NOTICE OF INTENT  
(Submit in Duplicate)

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

Approximate Date Work Will Start

SUBSEQUENT REPORT  
(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment *           | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other        |   |
- Annual Status Report

Date of Work Completion

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

\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETION 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.)

STATUS OF WELL

Shut-in

EXPLANATION FOR STATUS OF WELL

Under evaluation

FUTURE PLANS

Possible workover or recompletion

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

Name & Signature

*W. Scot Childress*  
W. Scot Childress

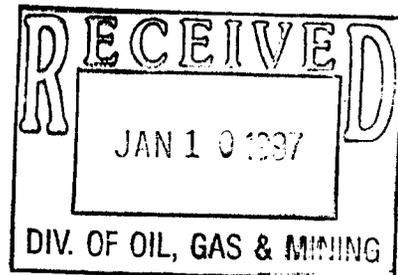
Title Manager, Prod. Engineering

Date January 3, 1997

(State Use Only)

(8/90)

See Instructions on Reverse Side



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
EXPIRES: July 31, 1996

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

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit or CA/ Agreement, Name and/or No. RIVERBEND UNIT
2. Name of Operator CNG PRODUCING COMPANY		8. Well Name and No. RBU 11-17F
3a. Address 1450 POYDRAS ST, NEW ORLEANS, LA 70112-6000	3b. Phone No. (include area code) (504) 593-7000	9. API Well No. 43-047-30584
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  At surface 1,899' FSL & 2,129' FWL of Sec. 17 - T10S-R20E		10. Field and Pool, or Exploratory Area RIVERBEND
		11. County or Parish, State UINTAH, UTAH

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

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

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

This sundry is to confirm the verbal agreement and approval granted by Mr. Wayne Bankert on 9-30-97 to postpone the Plug & Abandonment of the RBU 11-17F well until April of 1998.

This sundry is also to obtain the approval of the intended operational procedures of the subject P&A.

In order to best state the present disposition the the subject well and clearly describe the intended operations the following attachments are to be considered part of this sundry notice.

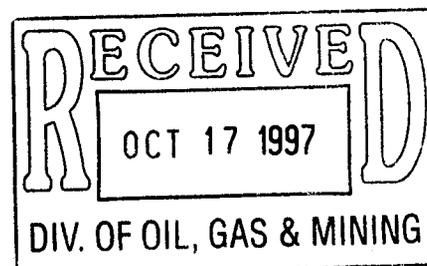
- Attachment "A" - Permanent Plug and Abandonment Procedure
- Attachment " B " - Current Well Diagram
- Attachment " C " - Proposed Wellbore Diagram

14. I hereby certify that the forgoing is true and correct Name (Printed/Typed)  SUSAN H. SACHITANA Signature <i>Brett P. Bangen for SHS</i>	Title COORDINATOR, REGULATORY REPORTS
	Date 971014

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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

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



**RIVERBEND UNIT 11-17F**  
**Permanent Plug and Abandonment Procedure**

The 11-17F has not produced for 12 years. The well was checked on 7/9/97 SITP 540 psi SICP 680 psi. The well was open to flow on 12/64 chk and FTP dropped to Zero psi in 6 hours. The well was swab recovering 74 BWPD 25 MCFD. Plans are to run a water detection log and evaluate the well the current interval for production potential. A reevaluation is underway on the recompleting and restimulation the 11-17 F in the lower Mesaverde formation. If no commercial production potential is determined viable the well will be permanently abandoned in April 1998 during the Spring workover program.

<b>Perforations</b>	<b>4216'-4248' MD Wasatch Tongue Sand</b>	
<b>BHP</b>	<b>N/A</b>	
<b>BHT</b>	<b>159 degrees</b>	
<b>Last well test</b>	<b>N/A</b>	
<b>Cumulative Production</b>	<b>never produced</b>	
<b>TOC</b>	<b>5-1/2" set @ 8695' cmtd. w/ 2432 sks.</b>	<b>1500'</b>
	<b>8-5/8" set @ 3771' cmtd. w/ 1550 sks. + 140</b>	<b>surface</b>
	<b>13-3/8" set @ 125' cmtd. w/ 105 sks.</b>	<b>surface</b>

**Conduct pre-spud meeting with vendor representatives:**

**Safety Meeting:**

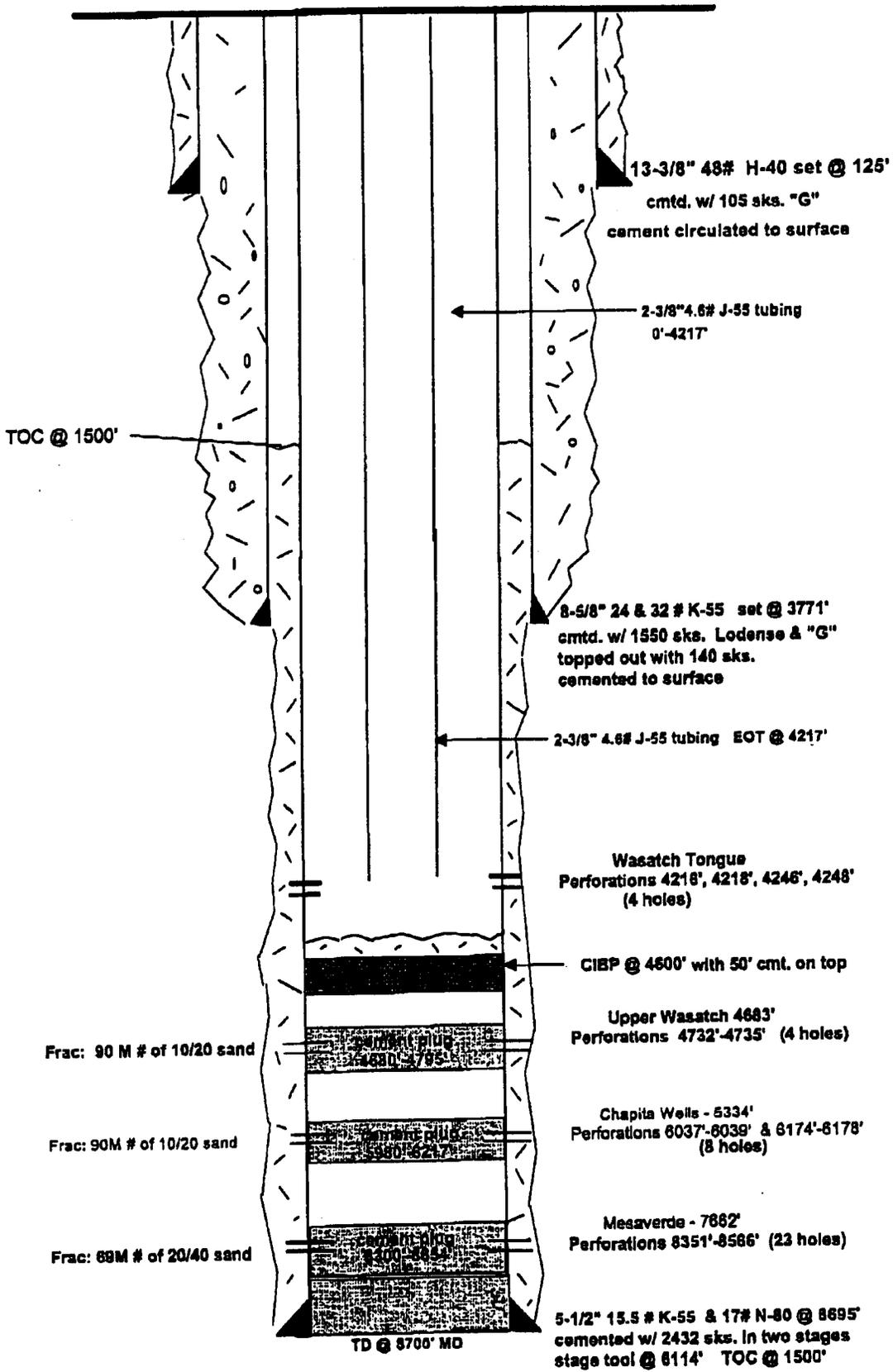
The CNG supervisor on site will conduct an operations safety briefing every morning.

- MIRU workover rig, tank, and related equipment. Check all tubing and casing pressures and report same to the Houston office. Test all casings as follows:
 

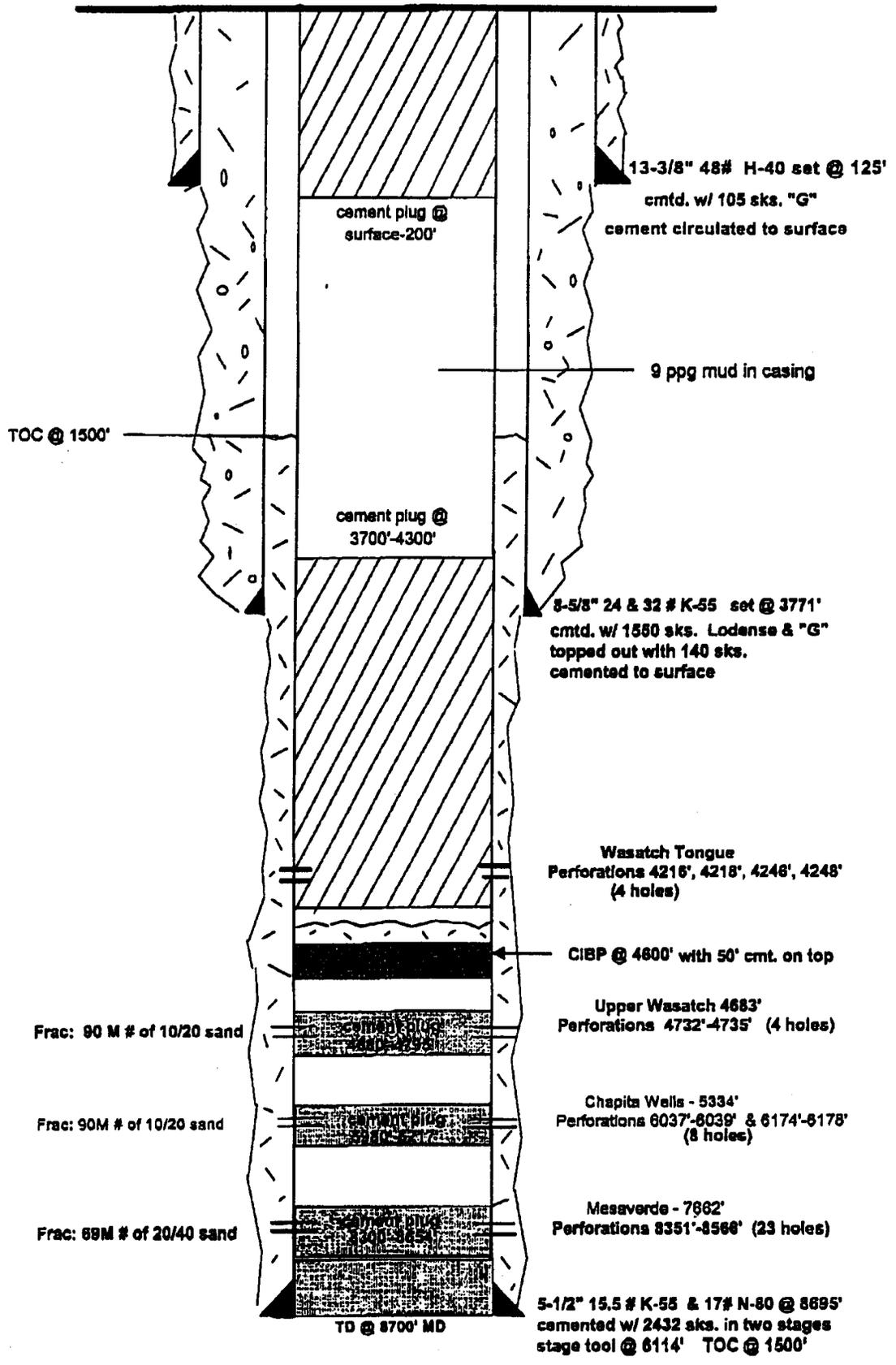
5-1/2" x 8-5/8"	500 psi
8-5/8" x 13-3/8"	250 psi

 Hold pressures for 30 minutes and record on chart recorder. Should any test fail, a cement squeeze will be performed to isolate the problem.
- Fill well with 9 ppg mud. ND tree, NU and test BOP to 250 & 3500 psi.
- RU on 2-3/8" tubing, pressure up and establish an injection rate into the perforations @ 4216'-4248' MD using 9 ppg mud. Do not exceed 3000 psi surface pressure.
- Mix and spot 20 bbls (104 sks) of 16.2 ppg Class H cement down the 2-3/8" tubing, and into the 5-1/2" casing from 4300' to 3460'. PU 2-3/8" tubing to 3000', close csg. valve and displace 5 bbls of cement into the perforations leaving a 600' cement plug in the 5-1/2" casing from 3700'-4300' (Capacity of 2-3/8" tubing = .00387 bbls/ft, 5-1/2" csg = .0238 bbls/ft) WOC 12 hrs., test the 5-1/2" casing and the cement squeeze to 1000 psi for 30 minutes. Resqueeze as necessary until a successful test is obtained.  
 NOTE: If unable to displace cement into perforations @ 4216'-4248' Set CIBP leave entire 800'+ cement plug in the 5-1/2" casing from 3460'-4300' WOC Test Cement plug to 2000 psi. for 30 minutes and proceed to step #5.
- PU to 200'. Mix and spot a 5 bbl (26sk) cement plug in the 5-1/2" casing from 200' to the surface. POOH with the 2-3/8" tubing.
- Cut the 5-1/2", 8-5/8", and 13-3/8" casings at the base of the cellar or 3' below ground level (whichever is deeper).
- Weld a 1/4" metal plate (with a weep hole) on the well bore or as directed by authorizing agent.
- RD and release equipment, restore location, and move off.

**G' PRODUCING COMPANY**  
**ARBEND UNIT 11-17E**  
 SEC: 17 T:10S R:20E API: 43-047-30584  
**CURRENT WELL DIAGRAM**



**PRODUCING COMPANY**  
**BERBEND UNIT 11-17E**  
 SEC: 17 T:108 R:20E API: 43-047-30384  
**PROPOSED WELLBORE DIAGRAM**



ATTACHMENT "C"

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

6. Lease Designation and Serial Number

U-013769-C

7. Indian Allottee or Tribe Name

8. Unit or Communization Agreement

River Bend Unit

9. Well Name and Number

RBU 11-17F

10. API Well Number

43-047-30584

11. Field and Pool, or Wildcat

1. Type of Well

Oil Well  Gas Well  Other (specify)

2. Name of Operator

CNG Producing Company

3. Address of Operator

1450 Poydras St., New Orleans, LA 70112-6000

4. Telephone Number

(504) 593-7260

5. Location of Well

Footage : 1,849' FSL & 2,129' FWL  
QQ, SEC., T., R., M.: NE SW 17-T10S-R20E

County : Uintah  
State : UTAH

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

NOTICE OF INTENT  
(Submit in Duplicate)

SUBSEQUENT REPORT  
(Submit Original Form Only)

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

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

Annual Status Report

Date of Work Completion

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

\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETION 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.)

STATUS OF WELL

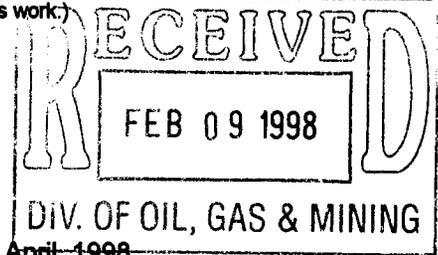
Shut-in

EXPLANATION FOR STATUS OF WELL

Performing Geology study. BLM extension granted for plug and abandonment until April, 1998.

FUTURE PLANS

Complete Geology study and perform recompletion or plug and abandon by April, 1998.



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

Name & Signature

*Ralph Hamrick*  
Ralph Hamrick

Title

Production Engineer

Da

January 20, 1998

(State Use Only)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
EXPIRES: July 31, 1996

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

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. U-013769-C
2. Name of Operator CNG PRODUCING COMPANY		6. If Indian, Allottee or Tribe Name
3a. Address 1450 POYDRAS ST, NEW ORLEANS, LA 70112-6000	3b. Phone No. (include area code) (504) 593-7000	7. If Unit or CA/ Agreement, Name and/or No. RIVERBEND UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  1,899' FSL & 2,129' FWL of Sec. 17-T10S-R20E		8. Well Name and No. 11-17F
		9. API Well No. 43-047-30584
		10. Field and Pool, or Exploratory Area NATURAL BUTTES 630
		11. County or Parish, State UINTAH, UTAH

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

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

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

The RBU 11-17F was plugged and abandoned per the attached procedure.

*PA date: 4.24.98*

14. I hereby certify that the forgoing is true and correct Name (Printed/Typed)  SUSAN H. SACHITANA	Title  REGULATORY REPORTS ADMINISTRATOR
	Date  980529
Signature <i>Susan H. Sachitana</i>	

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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

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

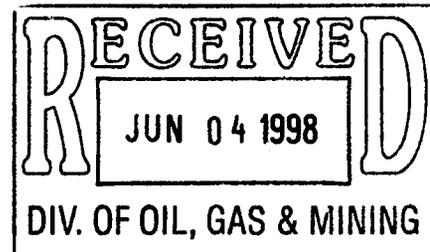
**CNG Producing  
Company**

A **CNG** COMPANY

CNG Tower  
1450 Poydras Street  
New Orleans, LA 70112-6000  
504.581.7000

June 1, 1998

**Mr. Wayne Bankart  
Dept. of the Interior  
Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078**



RE: RBU 11-17F, Sec. 17-T10S-R20E

Dear Wayne:

Enclosed please find an original and two copies of the subsequent sundry notice to plug and abandon the above referenced well.

If you have any questions or need any further information, please feel free to contact me at (504) 593-7260 or our Production Engineer, Ralph Hamrick, at (281) 873-1562.

Sincerely,

*Susan H. Sachitana*  
Susan H. Sachitana  
Regulatory Reports Administrator

cc: **Utah Board of Oil, Gas & Mining**  
Ralph Hamrick  
Nelda Decker  
Mitch Hall  
Well History Files

**Plug & Abandonment Procedure**

**RBU 11-17F**

NE SW Section 17, T. 10 S., R. 20 E.

1849' FSL & 2129' FWL

Uintah County, Utah

**History**

The 11-17F was drilled and 5-1/2 production casing run in 1979. A number of limited entry long interval completions were attempted in both the Mesaverde and Wasatch & Chapita wells zones. The well has never produced at commercial rates and has been T&A for 14 years. The well was checked on 7/9/97 SITP 540 psi SICP 680 psi. The well was open to flow on 12/64 chk and FTP dropped to Zero psi in 6 hours. The well was swab and recovered 74 BWPD 25 MCFD from the current Wasatch Tongue perforations @ 4248', 4246', 4218', 4216'.

The BLM requested the well be permanently P&A. A meeting between CNG & BLM was conducted on 10/8/97 in Vernal Utah and CNG obtained approval to postpone the P&A or recompletion of the 11-17F until April of 1998. Approval was given via our Sundry Notice to workover & recomplete or P&A the 11-17F in April 1998 pending an engineering study of the wellbore.

A engineering study was conducted of the wellbore and surrounding wells and determined the following:

**Wasatch Tongue** the current perforated interval 4248', 4246', 4218', 4216'. calculates SW% of 68% and has not produced commercial from nearby offsets and the zone should be abandon.

**Upper Wasatch Chapita wells** a limited entry completion of the 4732-4735 upper Wasatch & the 6037-6039', 6174'-6178' Chapita wells intervals was attempted with 12 perfs holes made over this entire interval and was then fraced together with 90,000# 20/40 sand. The well tested small amounts of gas & no water. A frac calculation of the frac was made and concludes the 4732'35 poorer interval would have taken 65% of the frac but based on actual experience the perfs holes of the upper interval would have increased in size and more of the frac would have been diverted into the top zone in addition the top zone was probably over displaced and the lower 6037'6039'-6174-6178 interval was never fraced.

The Mesaverde formation was studied for recompletion potential but was determined not be in the best geologic position and other wells offer better potential with lower risk.

**Recommendation**

Plug & Abandon the wellbore

**General Well Information:**

<b>Perforations</b>	<b>4216'-4248' MD Wasatch Tongue Sand</b>	
<b>BHP</b>	<b>N/A</b>	
<b>BHT</b>	<b>159 degrees</b>	
<b>Last well test</b>	<b>N/A</b>	
<b>Cumulative Production</b>	<b>never produced</b>	
<b>TOC</b>	<b>5-1/2" set @ 8695' cmtd. w/ 2432 sks.</b>	<b>1500'</b>
	<b>8-5/8" set @ 3771' cmtd. w/ 1550 sks. + 140</b>	<b>surface</b>
	<b>13-3/8" set @ 125' cmtd. w/ 105 sks.</b>	<b>surface</b>

**Safety Meeting:**

The CNG supervisor on site will conduct an operations safety briefing every morning.

1. MIRU workover rig, tank, and related equipment. Check all tubing and casing pressures and report same to the Houston office. Test all casings as follows:
 

5-1/2" x 8-5/8"	500 psi
8-5/8" x 13-3/8"	250 psi

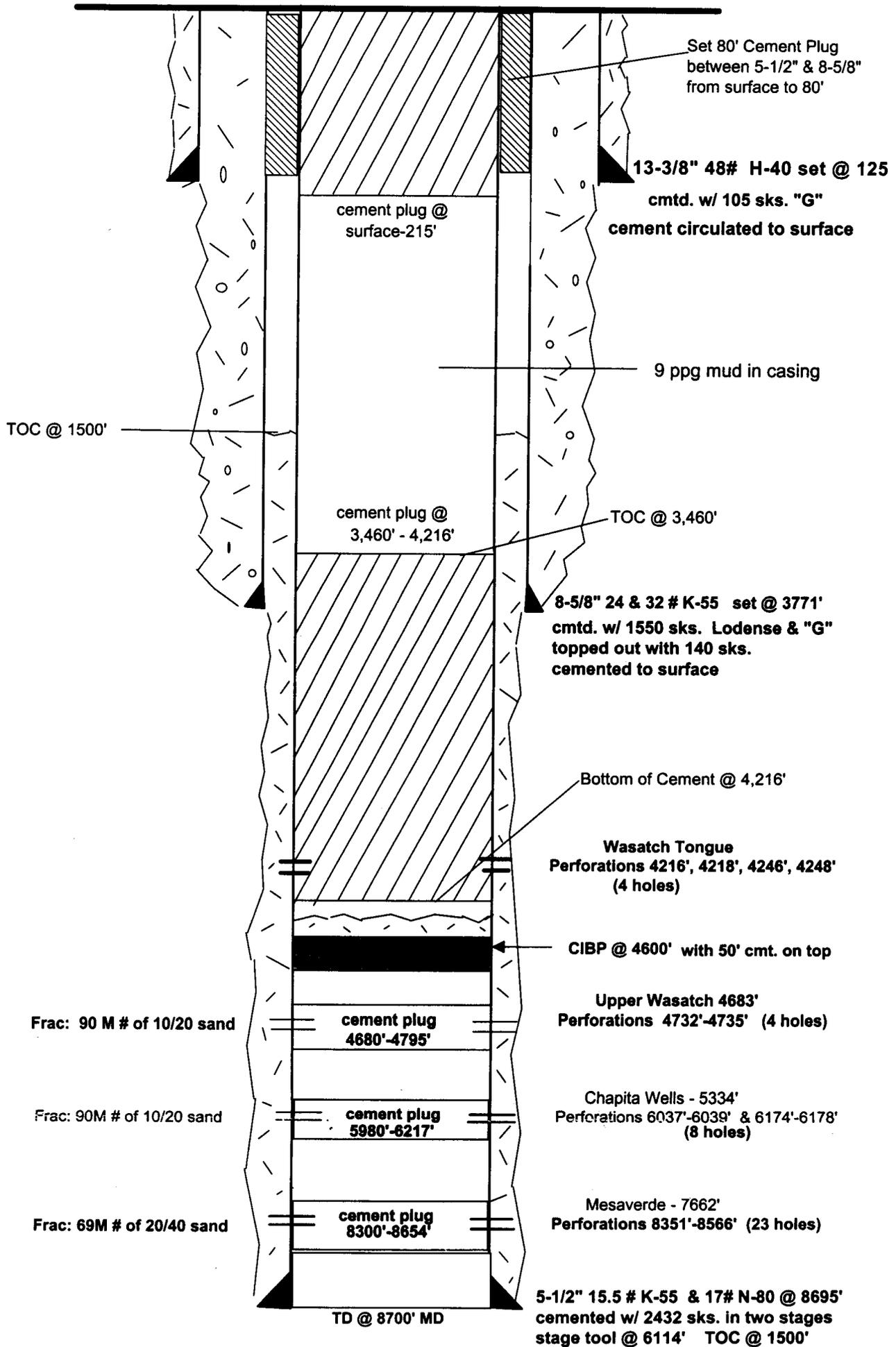
 Hold pressures for 30 minutes and record on chart recorder. Should any test fail, a cement squeeze will be performed to isolate the problem.
2. Fill well with 9 ppg mud. ND tree, NU and test BOP to 250 & 3500 psi.
3. RU on 2-3/8" tubing, pressure up and establish an injection rate into the perforations @ 4216'-4248' MD using 9 ppg mud. Do not exceed 3000 psi surface pressure.
4. Mix and spot 20 bbls (104 sks) of 16.2 ppg Class H cement down the 2-3/8" tubing, and into the 5-1/2" casing from 4300' to 3460'. PU 2-3/8" tubing to 3000', close csg. valve and displace 5 bbls of cement into the perforations leaving a 600' cement plug in the 5-1/2" casing from 3700'-4300' (Capacity of 2-3/8" tubing = .00387 bbls/ft, 5-1/2" csg = .0238 bbis/ft) WOC 12 hrs., test the 5-1/2" casing and the cement squeeze to 1000 psi for 30 minutes. Resqueeze as necessary until a successful test is obtained.  
 NOTE: If unable to displace cement into perforations @ 4216'-4248' Set CIBP leave entire 800'+ cement plug in the 5-1/2" casing from 3460'-4300' WOC Test Cement plug to 2000 psi. for 30 minutes and proceed to step #5.
5. PU to 200'. Mix and spot a 5 bbl (26sks) cement plug in the 5-1/2" casing from 200' to the surface. POOH with the 2-3/8" tubing.
6. Cut the 5-1/2", 8-5/8", and 13-3/8" casings at the base of the cellar or 3' below ground level (whichever is deeper).
7. Weld a 1/4" metal plate (with a weep hole) on the well bore or as directed by authorizing agent.
8. RD and release equipment, restore location, and move off.

**RBU 11-17F**  
NE SW Section 17, T. 10 S. , R. 20 E.  
1849' FSL & 2129' FWL  
Uintah County, Utah

**WELL HISTORY**

- 10-15-79 Spudded Well. Set 13-3/8" 48# H-40 csg @ 125'. Cmt'd to surface w/105 sx
- 10-26-79 Set 8-5/8" 24# and 32# K-55 @ 3771'. Cmt'd w/1300 sx low dense, 250 sx "G"
- 11-14-79 Core #1 7286-7293' - Rec. 3.5'
- 11-16-79 Core #2
- 11-21-79 Core #3 8089-8094' Rec. 2'.
- 11-22-79 Core #4 8224-8262' Rec. 29'.
- 11-24-79 Core #5 8281-83081 Rec. 26.5'
- 11-25-79 Core # 6 8355-8393' Rec. 29'.
- 11-28-79 Core #7 8437-8443' Rec. 16'.
- 12-03-79 TD @ 8700'. Set 5-21" 15.5# & 17# K-55 and 17# N80 @ 8695'. Cmt'd w/2432 sx 50-50 poz. (24131 17# K-55) (24931 15.5# K-55) (3747,17# N-80) Attempted to cmt up to 3500'. (Bond log goes to 3200' & shows cmt).
- 01-08-80 Perforated Chapita Wells I spf. 6041-6043', 6176-6180' 8 holes. Perforated Wasatch, 4732-4735' 4 holes
- 01-09-80 Broke down Chapita Wells-Wasatch perms w/2000 gal. 2% KCl, frac'd w/ 43,000 gal gelled H 2 O, 90,000# 10/20 sand. No test, insufficient hydrocarbon prod. New data for recomp. Report as of 10-10-80
- 10-10-80 Perforated Mesaverde w/Vann guns 8351-8566', 23 holes.
- 10-20-80 Brokedown Mesaverde perms w/ 4200 gals 2% KC1, 50,000 SCF N2
- 11-07-80 Two attempts to frac the Mesaverde sanded out. Pulled pkr. Reperforated Mesaverde from 8151-8566' TTW w/pkr.
- 12-08-80 Broke down perms w/2% KC1 wtr.
- 12-12-80 Frac'd Mesaverde w/44000 gal gelled wtr, 69,000# 20/40 sand + 2250 gal. acid at 6200 psi and 12 BPM.
- 01-06-81 Swabbed 1 BPH w/very little gas.
- 04-02-81 Perf. & test Wasatch Tongue @ 4248', 4246', 4218', 4216'. Top perms swb wet. Btm perf swb dry. Acidized w/500 gal & broke~dwn cmt between zones. Preparing to P&A.

**CNG PRODUCING COMPANY**  
**RIVERBEND UNIT 11-17E**  
 SEC: 17 T:10S R:20E API: 43-047-30584  
**CURRENT WELLBORE DIAGRAM**





# 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-01470-A et al  
(UT-932)

JUN 2 2000

### NOTICE

Dominion Exploration & Production, Inc. : Oil and Gas Leases  
1450 Poydras Street :  
New Orleans, LA 70112-6000 :

#### Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of CNG Producing Company to Dominion Exploration & Production, Inc. on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from your list of leases and a list of leases obtained from our automated records system. We have not abstracted the lease files to determine if the entity affected by the name change 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 name 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.

The following lease on your list is closed on the records of this office: U-029277.

Due to the name change, the name of the principal on the bond is required to be changed from CNG Producing Company to Dominion Exploration & Production, Inc. on Bond No. 524 7050 (BLM Bond No. WY1898). You may accomplish this name change either by consent of the surety on the original bond or by a rider to the original bond. Otherwise, a replacement bond with the new name should be furnished to the Wyoming State Office.

**/s/ Robert Lopez**

Robert Lopez  
Chief, Branch of  
Minerals Adjudication

Enclosure  
Exhibit of Leases

**RECEIVED**

JUN 05 2000

DIVISION OF  
OIL, GAS AND MINERAL

cc: Wyoming State Office  
New Mexico State Office  
Moab Field Office  
Vernal Field Office  
MMS–Reference Data Branch, MS 3130, Box 5860, Denver, CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC, UT 84114-5801  
Irene Anderson (UT-932)  
Teresa Thompson (UT-931)  
LaVerne Steah (UT-942)

Dominion Exploration & Production, Inc.  
1450 Poydras Street, New Orleans, LA 70112-6000  
Phone: 504-593-7000



June 27, 2000

Mr. Jimmy Thompson  
Utah Board of Oil Gas & Mining  
1594 West North Temple  
Suite 1210  
Salt Lake City, UT 84114-5801

RE: Name Change Documentation for CNG Producing Company

Dear Mr. Thompson:

CNG Producing Company has become Dominion Exploration & Production, Inc. effective April 12, 2000. Enclosed please find a sundry regarding the name change with an attached listing of all the permits in the name of CNG Producing Company to be changed to Dominion Exploration & Production, Inc. Also enclosed please find a Form UIC 5 for the Transfer of Authority to Inject for the Federal #1-26B well.

If you have any questions or require any additional information, please contact me at (504) 593-7260.

Sincerely,

DOMINION EXPLORATION & PRODUCTION, INC.

Susan H. Sachitana  
Regulatory Reports Administrator

Enclosure

cc: Nelda Decker

**RECEIVED**

JUN 29 2000

**DIVISION OF  
OIL, GAS AND MINING**

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

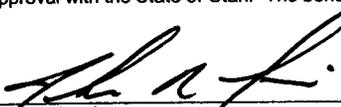
Do not use this form for proposals to drill new wells, deepen existing wells or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well : OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER:	5. Lease Designation and Serial Number: VARIOUS
2. Name of Operator: DOMINION EXPLORATION & PRODUCTION, INC.	6. If Indian, Allottee or Tribe Name:
3. Address and Telephone Number: 1460 Poydras Street, New Orleans, LA 70112-6000 (504) 593-7260	7. Unit Agreement Name:
4. Location of Well Footages: QQ, Sec. T., R., M.:	8. Well Name and Number: VARIOUS
	9. API Well Number
	10. Field and Pool, or Wildcat: Natural Buttes 630
	County: UINTAH State: UTAH

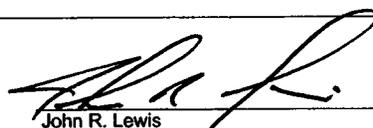
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
NOTICE OF INTENT (SUBMIT IN DUPLICATE)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other	<input type="checkbox"/> Abandon* <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input checked="" type="checkbox"/> Other <u>OPERATOR NAME CHANGE FOR WELLS</u> Date of work completion _____  <small>Report results of Multiple Completion and Recompletion to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.</small>  <small>*Must be accompanied by a cement verification report.</small>
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recomplete <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start _____	

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

Please be advised that effective April 12, 2000, CNG Producing Company has changed its name to Dominion Exploration & Production, Inc. and would like to transfer the well permits into the name of Dominion Exploration & Production, Inc. Our new bond has been filed and is pending approval with the State of Utah. The bond number is 76S 63050 361.

  
 John R. Lewis  
 Sr. Vice-President - CNG Producing Company

**RECEIVED**  
 JUN 29 2000  
 DIVISION OF  
 OIL, GAS AND MINING

13.  
 Name & Signature:  Title: Sr. Vice-President - Dominion Expl. & Prod., Inc. Date: June 26, 2000  
 John R. Lewis

(This space for State use only)



State of Utah
DEPARTMENT OF COMMERCE
Division of Corporations & Commercial Code

552814
CO 106990
File Number

Table with 2 columns: Check Appropriate Box, Fee Amount. Rows include Foreign Profit Corporation (\$35.00), Foreign Non-Profit Corporation (\$35.00), Foreign Limited Partnership (\$25.00), Foreign Limited Liability Company (\$35.00).

Application To Amend The
CERTIFICATE OF AUTHORITY OR
REGISTRATION of

CNG Producing Company
Business Entity Name

Delaware
Name of Home State

I. AMENDING THE BUSINESS NAME

The business name is changed to: Dominion Exploration & Production, Inc.
The corporation shall use as its name in Utah: Dominion Exploration & Production, Inc.

(The corporation shall use its name as set forth on #1, unless this name is not available)

NOTE: If the business name has changed its name in the home state, a copy of the Certificate of Amendment or a certified copy of the amendment must accompany this application.

Check the following:

- [X] The name of the corporation is changing its name in Utah to the new name of the corporation in the home state.
[] The name of the corporation is being changed in Utah to comply with Utah State Insurance Regulations.

II. AMENDING THE DURATION OF THE BUSINESS EXISTENCE

The businesses period of duration is changed to:

III. AMENDING THE STATE OR COUNTRY OF INCORPORATION/REGISTRATION

The corporation's state or country of incorporation/registration is changed to:

IV. Other:
(Limited Partnership changing General Partners, Limited Companies changing Members or Managers, Change of statement who is managing, etc.)
Use an attached sheet if needed.

Under penalties of perjury, I declare this Application to Amend the Certificate of Authority or Registration to be, to the best of my knowledge and belief, true and correct.

Signature: [Handwritten Signature] Title: Vice President & Corporate Secretary Date: April 20 2000

State of Utah
Department of Commerce
Division of Corporations and Commercial Code

I Herby certify that the foregoing has been filed and approved on this 25 day of April 2000 in the office of this Division and hereby issue this Certificate thereof.

Examiner: [Signature] Date: 4/25/00



Signature: [Signature]

Date: 04/25/2000

Receipt Number: 22156

Amount Paid: \$50.00

STATE OF UTAH
DIVISION OF CORPORATIONS
AND COMMERCIAL CODE
160 East 300 South / Box 146705
Salt Lake City, UT 84114-6705
Service Center: (801) 530-4849
Web Site: http://www.commerce.state.ut.us

FILED

APR 25 2000

Well Name	Api Well Code	Operator Name	Production Status	Lease Type
EVANS FEDERAL #32-25	4304732406	DOMINION EXPLORATION & PR	PR	BLM
RBU #1-25B	4304732445	DOMINION EXPLORATION & PR	LA	BLM
RBU #5-25B	4304732453	DOMINION EXPLORATION & PR	LA	BLM
RBU #11-25B	4304732482	DOMINION EXPLORATION & PR	LA	BLM
RBU #16-14EO	4304732507	DOMINION EXPLORATION & PR	LA	BLM
RBU #8-23EO	4304732508	DOMINION EXPLORATION & PR	LA	BLM
RBU #8-14EO	4304732514	DOMINION EXPLORATION & PR	LA	BLM
RBU #15-13EO	4304732599	DOMINION EXPLORATION & PR	LA	BLM
RBU #9-23EO	4304732601	DOMINION EXPLORATION & PR	LA	BLM
<del>STATE #2-36E</del>	<del>4304732601</del>	<del>DOMINION EXPLORATION &amp; PR</del>	<del>PR</del>	<del>STATE</del>
STATE #2-36E	4304732979	DOMINION EXPLORATION & PR	PR	STATE
STATE #1-36E	4304733181	DOMINION EXPLORATION & PR	PR	STATE
RBU #1-16F	4304733360	DOMINION EXPLORATION & PR	DR	STATE
RBU #5-3F	4304733361	DOMINION EXPLORATION & PR	FUT	BLM
RBU #5-16F	4304733363	DOMINION EXPLORATION & PR	PR	BLM
RBU #10-23F	4304733367	DOMINION EXPLORATION & PR	DR	BLM
EVANS FEDERAL #15-26E	4304733508	DOMINION EXPLORATION & PR	FUT	BLM
EVANS FEDERAL #9-26E	4304733509	DOMINION EXPLORATION & PR	FUT	BLM
EVANS FEDERAL #10-25E	4304733510	DOMINION EXPLORATION & PR	FUT	BLM
EVANS FEDERAL #14-25E	4304733511	DOMINION EXPLORATION & PR	FUT	BLM
FEDERAL #13-30B	4304733581	DOMINION EXPLORATION & PR	FUT	BLM
STATE #13-36A	4304733598	DOMINION EXPLORATION & PR	FUT	STATE
RBU #1-1D	4304733599	DOMINION EXPLORATION & PR	FUT	BLM
OSC #1-17 *	430472030800S1	DOMINION EXPLORATION & PR	SIEC	BLM
OSC #2 *	430473008700S1	DOMINION EXPLORATION & PR	PR	BLM
OSC #4 *	430473011300S1	DOMINION EXPLORATION & PR	TA	BLM
OSC #4A-30 *	430473012200S1	DOMINION EXPLORATION & PR	SIEC	BLM
OSC #7-15E *	430473021100S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #11-16E	430473026000S1	DOMINION EXPLORATION & PR	PR	STATE
RBU #11-18F	430473026600S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #11-13E	430473037400S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #11-15F	430473037500S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #7-21F	430473037600S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #11-19F	430473040500S1	DOMINION EXPLORATION & PR	PR	BLM
FEDERAL #7-25B	430473040600S01	DOMINION EXPLORATION & PR	PR	BLM
RBU #11-10E	430473040800S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #5-11D	430473040900S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #11-14E	430473041000S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #11-23E	430473041100S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #11-16F	430473041200S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #11-17F	430473058400S1	DOMINION EXPLORATION & PR	PA	BLM
RBU #7-11F	430473058500S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #8-16D	4304730608	DOMINION EXPLORATION & PR	PA	STATE
FEDERAL #7-25A	430473062400S01	DOMINION EXPLORATION & PR	PA	BLM
RBU #11-3F	430473068900S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #11-22E	430473069800S1	DOMINION EXPLORATION & PR	PA	BLM
RBU #4-11D	430473071800S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #16-23F	4304730719	DOMINION EXPLORATION & PR	PA	BLM
RBU #7-3E	430473072000S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #11-24E	430473075900S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #11-2F	430473076000S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #7-10F	430473076100S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #6-20F	430473076200S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #7-22F	430473076800S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #8-14F	430473082500S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #2-11D	430473082600S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #16-3F	430473088700S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #1-15E	430473091500S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #1-14E	430473092600S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #1-22E	430473092700S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #1-23E	430473097000S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #4-19F	430473097100S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #13-11F	430473097300S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #1-10E	430473104600S1	DOMINION EXPLORATION & PR	PR	BLM

PGW

STATE  
STATE  
STATE

BLM

BLM

BLM

BLM

BLM

BIA

BLM

BLM

**Division of Oil, Gas and Mining**

**ROUTING:**

**OPERATOR CHANGE WORKSHEET**

<input type="checkbox"/>	4-KAS <input checked="" type="checkbox"/>
2-CDW <input checked="" type="checkbox"/>	5-SP <input checked="" type="checkbox"/>
3-JLT	6-FILE

Check each listed item when completed. Write N/A if item is not applicable.

Change of Operator (Well Sold)                      Designation of Agent  
**X Operator Name Change Only**                      Merger

The operator of the well(s) listed below has changed, effective: 4-12-00

**TO:**(New Operator) DOMINION EXPL & PROD INC.  
 Address: 1450 POYDRAS STREET  
NEW ORLEANS, LA 70112-6000  
 Phone: 1-(504)-593-7000  
 Account No. N1095

**FROM:**(Old Operator) CNG PRODUCING COMPANY  
 Address: 1450 POYDRAS STREET  
NEW ORLEANS, LA 70112-6000  
 Phone: 1-(504)-593-7000  
 Account No. N0605

WELL(S):	CA Nos.	or	RIVER BEND	Unit
Name: <u>RBU 8-23EO</u>	API: <u>43-047-32508</u>	Entity: <u>99998</u>	S <u>23</u> T <u>10S</u> R <u>19E</u>	Lease: <u>U-013766</u>
Name: <u>RBU 16-14EO</u>	API: <u>43-047-32507</u>	Entity: <u>99998</u>	S <u>14</u> T <u>10S</u> R <u>19E</u>	Lease: <u>U-013792</u>
Name: <u>RBU 15-13EO</u>	API: <u>43-047-32599</u>	Entity: <u>99998</u>	S <u>13</u> T <u>10S</u> R <u>19E</u>	Lease: <u>U-013765</u>
Name: <u>RBU 9-23EO</u>	API: <u>43-047-32601</u>	Entity: <u>99998</u>	S <u>23</u> T <u>10S</u> R <u>19E</u>	Lease: <u>U-013766</u>
Name: <u>RBU 5-3F</u>	API: <u>43-047-33361</u>	Entity: <u>99999</u>	S <u>03</u> T <u>10S</u> R <u>20E</u>	Lease: <u>U-013767</u>
Name: <u>RBU 5-16F</u>	API: <u>43-047-33363</u>	Entity: <u>7052</u>	S <u>16</u> T <u>10S</u> R <u>20E</u>	Lease: <u>U-7206</u>
Name: <u>RBU 10-23F</u>	API: <u>43-047-33367</u>	Entity: <u>7050</u>	S <u>23</u> T <u>10S</u> R <u>20E</u>	Lease: <u>U-01470-A</u>
Name: <u>RBU 11-18F</u>	API: <u>43-047-30266</u>	Entity: <u>7050</u>	S <u>18</u> T <u>10S</u> R <u>20E</u>	Lease: <u>U-013793</u>
Name: <u>RBU 11-13E</u>	API: <u>43-047-30374</u>	Entity: <u>7050</u>	S <u>13</u> T <u>10S</u> R <u>19E</u>	Lease: <u>U-013765</u>
Name: <u>RBU 11-15F</u>	API: <u>43-047-30375</u>	Entity: <u>7050</u>	S <u>15</u> T <u>10S</u> R <u>20E</u>	Lease: <u>U-7206</u>
Name: <u>RBU 7-21F</u>	API: <u>43-047-30376</u>	Entity: <u>7050</u>	S <u>21</u> T <u>10S</u> R <u>20E</u>	Lease: <u>U-013793-A</u>
Name: <u>RBU 11-19F</u>	API: <u>43-047-30405</u>	Entity: <u>7050</u>	S <u>19</u> T <u>10S</u> R <u>20E</u>	Lease: <u>U-013769-A</u>
Name: <u>RBU 11-10E</u>	API: <u>43-047-30408</u>	Entity: <u>7050</u>	S <u>10</u> T <u>10S</u> R <u>19E</u>	Lease: <u>U-013792</u>
Name: <u>RBU 5-11D</u>	API: <u>43-047-30409</u>	Entity: <u>9005</u>	S <u>11</u> T <u>10S</u> R <u>18E</u>	Lease: <u>U-013818-A</u>
Name: <u>RBU 11-14E</u>	API: <u>43-047-30410</u>	Entity: <u>7050</u>	S <u>14</u> T <u>10S</u> R <u>19E</u>	Lease: <u>U-013792</u>
Name: <u>RBU 11-23E</u>	API: <u>43-047-30411</u>	Entity: <u>7050</u>	S <u>23</u> T <u>10S</u> R <u>19E</u>	Lease: <u>U-013766</u>
Name: <u>RBU 11-17F</u>	API: <u>43-047-30584</u>	Entity: <u>7050</u>	S <u>17</u> T <u>10S</u> R <u>20E</u>	Lease: <u>U-013769-C</u>

**OPERATOR CHANGE DOCUMENTATION**

- YES 1. A pending operator change file has been set up.
- YES 2. (R649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator on 6-29-00.
- YES 3. (R649-8-10) Sundry or other legal documentation has been received from the **NEW** operator on 6-29-00.
- YES 4. The new company has been looked up in the **Department of Commerce, Division of Corporations Database** if the new operator above is not currently operating any wells in Utah. Is the operator registered with the State? **Yes/No** If yes, the company file number is SEE ATTACHED. If no, Division letter was mailed to the new operator on \_\_\_\_\_.

- YES 5. **Federal and Indian Lease Wells.** The BLM or the BIA has approved the merger, **name change** or operator change for all wells listed above involving Federal or Indian leases on 6-2-00.
- N/A 6. **Federal and Indian Units.** The BLM or the BIA has approved the successor of unit operator for all wells listed above involving unit operations on \_\_\_\_\_.
- N/A 7. **Federal and Indian Communitization Agreements ("CA").** The BLM or the BIA has approved the operator change for all wells listed above involved in the CA on \_\_\_\_\_.
- N/A 8. **Underground Injection Control ("UIC") Program.** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project and/or for the water disposal well(s) listed above.
- YES 9. Changes have been entered in the **Oil and Gas Information System** for each well listed on 7-26-00.
- YES 10. Changes have been included on the **Monthly Operator Change letter** on 7-26-00.

### STATE BOND VERIFICATION

- N/A 1. State Well(s) covered by Bond No. \_\_\_\_\_.

### FEE WELLS - BOND VERIFICATION / LEASE INTEREST OWNER NOTIFICATION

- N/A 1. (R649-3-1) The **NEW** operator of any fee lease well(s) listed above has furnished a proper bond.
- N/A 2. A **copy of this form** has been placed in the **new and former operator's bond files** on \_\_\_\_\_.
- N/A 3. The **FORMER** operator has requested a release of liability from their bond as of today's date \_\_\_\_\_? If yes, Division response was made to this request by letter dated \_\_\_\_\_. (see bond file).
- N/A 4. (R649-2-10) The **Former** operator of any Fee lease wells listed above has been contacted and informed by letter dated \_\_\_\_\_, of their responsibility to notify all interest owners of this change.
- N/A 5. Bond information added to **RBDMS** on \_\_\_\_\_.
- N/A 6. Fee wells attached to bond in **RBDMS** on \_\_\_\_\_.

### FILMING

- \_\_\_\_\_ 1. All attachments to this form have been **microfilmed** on 2.22.01.

### FILING

- \_\_\_\_\_ 1. **Originals/Copies** of all attachments pertaining to each individual well have been filed in each **well file**.
- \_\_\_\_\_ 2. The **original of this form** has been filed in the operator file and a copy in the old operator file.

### COMMENTS

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