FILE NOTATIONS

Entered in NID File ..✓.....
Location Map Pinned .....
Card Indexed ..✓.....

Checked by Chief .....
Approval Letter .....
Disapproval Letter .....

COMPLETION DATA:

Date Well Completed 12-26-78

Location Inspected .....

OW..... WW..... TA.....
GW..✓.. OS..... PA.....

Bond released
State or Fee Land .....

LOGS FILED

Driller's Log.....✓
Electric Logs (No.) ✓.....
E..... I..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... M1-L..... Sonic.....
CBLog..... CCLog..... Others.....

Form 9-331 C
(May 1963)

SUBMIT IN [illegible]PLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

# APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] OTHER [illegible] [X] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: MAPCO INC.

3. ADDRESS OF OPERATOR: Suite 320 Plaza West
1537 Avenue D, Billings, Montana 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface (1) 1716' FNL & 2038' FEL SW NE
At proposed prod. zone Section 21, T10S, R20E, S.L.B. & M.

5. LEASE DESIGNATION AND SERIAL NO.: U-013793-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: River Bend #14-08-0001-16305

8. FARM OR LEASE NAME:

9. WELL NO.: RBU 7-21F

10. FIELD AND POOL, OR WILDCAT: River Bend

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 21 T. 10 S., R. 20 E.

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 12 miles South of Ouray, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 1600

16. NO. OF ACRES IN LEASE: 1600

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.: None

19. PROPOSED DEPTH: (5) 8500'

20. ROTARY OR CABLE TOOLS: (4) Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5097'GR (2)

22. APPROX. DATE WORK WILL START*: (14) 4-1-78 30 days

23. PROPOSED CASING AND CEMENTING PROGRAM (8) and (9)

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|---|---|---|---|---|
| 11" 12 1/4 | 8-5/8" - New | 24 | 500' | Cement to surface |
| 7-7/8" | 5-1/2" - New | 17 | 8500' | As required |

Data required to be included on Form 9-331C by NTL-6, dated 6-1-76, as items No. (1), (2), (4), (5), (8), (9), and (14) are so noted above. The rest as follows:

(3) & (6): Uintah Surface
Green River 1500
Wasatch 4599
Mesaverde 7766

(7): No water anticipated; possible thin, non-commercial oil bearing zones encountered in the Green River from approx. 1500'-4600'± - no commercially productive oil bearing sands encountered in this area previously; gas bearing formations will be the Wasatch, expected intermediate overall interval from 4600'-7750'±, and the Mesaverde, from 7750'± to a total depth os 8500'.

(10): Figure #1 (attached).

-- Continued on back of page --

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 J. D. Holliman TITLE Manager of Operations Northern District DATE March 6, 1978
J. D. Holliman

(This space for Federal or State office use)

PERMIT NO. 43-047-30376 APPROVAL DATE APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: 3-10-78
BY: C. B. Feight

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

Form 9-331C
(May 1963)

Budget Bureau No. 42-R1425.

(Other instructions on reverse side)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

# APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U-013793-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: River Bend

8. FARM OR LEASE NAME: RBU 7-21

9. WELL NO.: 21

10. FIELD AND POOL, OR WILDCAT: River Bend

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 21 T. 10 S., R. 20 E.

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

RECEIVED APR 6 1978 U.S. GEOL. SURV. VERNAL, UTAH

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] OTHER SINGLE ZONE [X] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: MAPCO INC.

3. ADDRESS OF OPERATOR: Suite 320 Plaza West, 1537 Avenue D, Billings, Montana 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: (1) 1716' FNL & 2038' FEL
At proposed prod. zone: Section 21, T10S, R20E, S.L.B. & M.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 12 miles South of Ouray, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 1716'

16. NO. OF ACRES IN LEASE: 1600

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.: None

19. PROPOSED DEPTH: (5) 8500'

20. ROTARY OR CABLE TOOLS: (4) Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): (2)

22. APPROX. DATE WORK WILL START*: (14) 4-1-78 30 days

23. PROPOSED CASING AND CEMENTING PROGRAM (8) and (9)

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|---|---|---|---|---|
| 11" | 8-5/8" - New | 24 | 500' | Cement to surface |
| 7-7/8" | 5-1/2" - New | 17 | 8500' | As required |

Data required to be included on Form 9-331C by NTL-6, dated 6-1-76, as items No. (1), (2), (4), (5), (8), (9), and (14) are so noted above. The rest as follows:

(3) & (6):

| | |
|---|---|
| Uintah | Surface |
| Green River | 1500 |
| Wasatch | 4599 |
| Mesaverde | 7766 |

(7): No water anticipated; possible thin, non-commercial oil bearing zones encountered in the Green River from approx. 1500'-4600'± - no commercially productive oil bearing sands encountered in this area previously; gas bearing formations will be the Wasatch, expected intermediate overall interval from 4600'-7750'±, and the Mesaverde, from 7750'± to a total depth os 8500'.

(10): Figure #1 (attached).

-- Continued on back of page --

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: J. D. Holliman — TITLE: Manager of Operations, Northern District — DATE: March 6, 1978

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY: (ORIG. SGD.) E. W. GUYNN TITLE: DISTRICT ENGINEER DATE: APR 05 1978

CONDITIONS OF APPROVAL, IF ANY:

State O&G

*See Instructions On Reverse Side

NOTICE OF APPROVAL

APR 05 1978

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal 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.

**Item 1:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

**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 14:** Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

**Items 15 and 18:** If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

**Item 22:** Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

U.S. GOVERNMENT PRINTING OFFICE : 1963—O-711-396

839-171

(11): The well is to be drilled with a salt water mud system maintaining a weight of approximately 9#/gal with weighting material on location sufficient to weight-up for pressure control as necessary.

(12): A mud logger will be used from 4000' to TD. No drill stem tests will be run. No coring will be done. The logging program will include Dual Induction and CNL-Density logs.

(13): As noted in #(11), no abnormal pressures are anticipated nor is the area known for abnormal temperatures. The formations to be penetrated do not contain $H_2S$ gas.

(15): Auxiliary equipment: (a) Kelly cock
(b) Full opening valve on floor with DP connection for use when Kelly is not in string
(c) Pit volume totalizer equipment will be used.

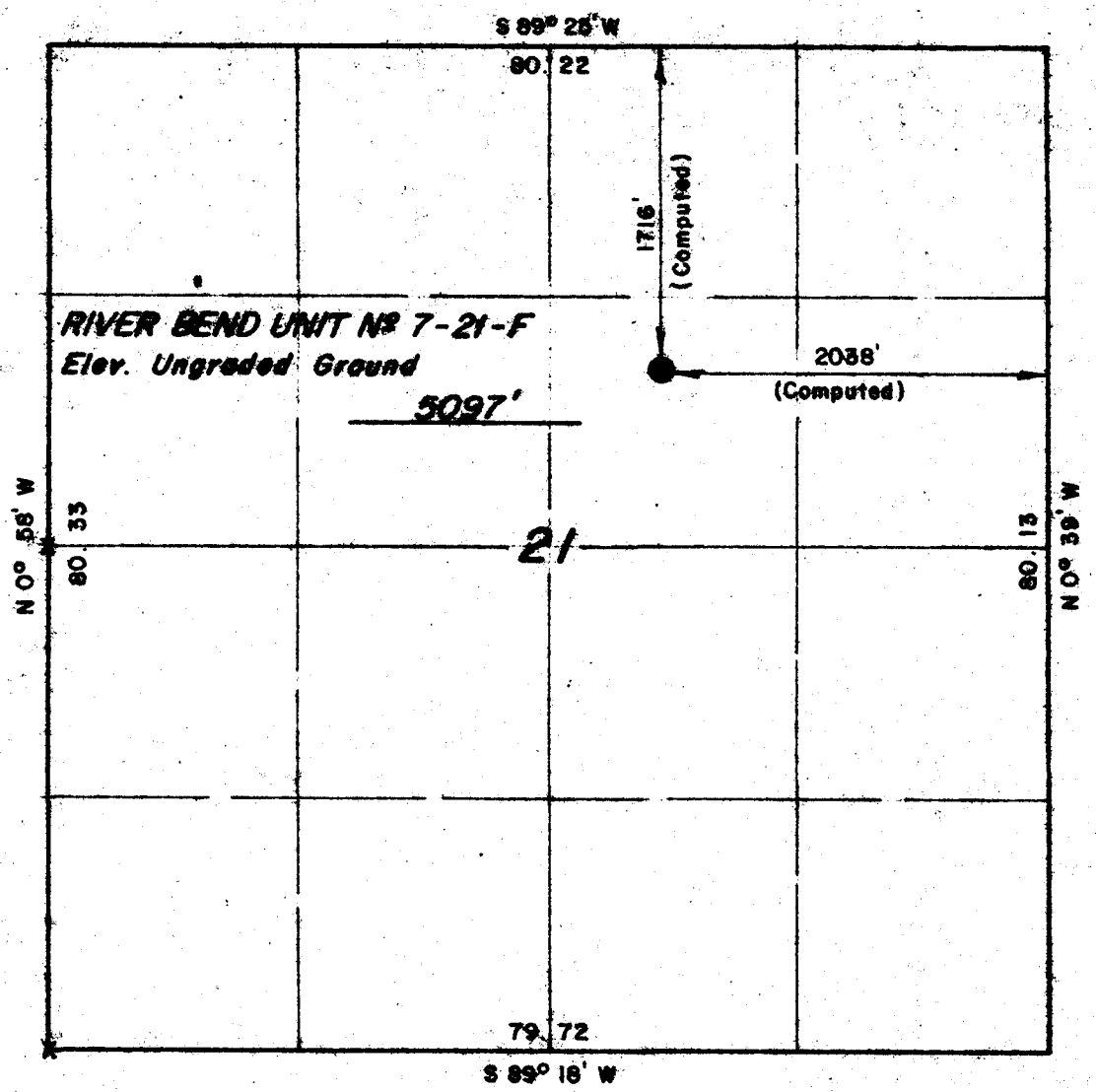
*See Instructions On Reverse Side

# T10S, R20E, S.L.B.&M.

PROJECT

**MAPCO INCORPORATED**

Well location, *RIVER BEND UNIT Nº 7-21-F*, located as shown in the SW1/4 NE1/4 Section 21, T10S, R20E, S.L.B.&M. Uintah County, Utah.




X = Section Corners Located

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Gene Stewart

REGISTERED LAND SURVEYOR
REGISTRATION Nº 3154
STATE OF UTAH

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

| | |
|---|---|
| SCALE 1" = 1000' | DATE 3/8/78 |
| PARTY D.A. D.S. M.S.K.H. BFW | REFERENCES GLO Plat |
| WEATHER FAIR | FILE MAPCO INC. |

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

| Well | Location | Lease No. |
|---|---|---|
| MAPCO INC. RBU 7-21F | 1716' FNL & 2038' FEL (SW¼ NE¼) SEC 21, T. 10 S., R. 20 E, SLM UINTAH COUNTY, UTAH GR. EL. 5093' | U-013793-A |

1. Stratigraphy and Potential Oil and Gas Horizons. The well will spud in the Uinta Formation and will test the Wasatch Formation and Mesaverde for gas to a proposed depth of 8500 feet. Buttes Gas and Oil Co. #1 (Gr. El. 5093') in section 17, same township, reported the following tops: Green River 1260', Wasatch 4753', Mesaverde 8175'.

2. Fresh Water Sands: Operator does not anticipate water but fresh/usable water could occur in the Uinta and Green River Formations to a depth of 3,000± feet.

3. Other Mineral Bearing Formations. (Coal, Oil Shale, Potash, Etc.) Within an area considered valuable prospectively for solid and semi-solid bitumens (Gilsonite). Within oil shale withdrawal E.O. 5327. Computations from Cashion's map shows that the top of the mahogany zone is at a depth of 1790± feet. Well site is underlain by a continuous sequence of oil shale beds (340 ft thick) that will yield 15 gallons of oil per ton; 58 feet of beds that will yield 25 gallons per ton. Protect oil shale beds from 1,750 – 2200 ft.

4. Possible Lost Circulation Zones. Unknown

5. Other Horizons Which May Need Special Mud, Casing, or Cementing Programs. Protect any fresh/usable aquifers penetrated.

6. Possible Abnormal Pressure Zones and Temperature Gradients. Operator does not anticipate abnormal pressures or temperatures. The formations to be penetrated should not contain $H_2S$ gas.

7. Competency of Beds at Proposed Casing Setting Points. Probably adequate.

8. Additional Logs or Samples Needed. Well is in area where Cashion states that sonic, gamma ray, electric and neutron logs are useful for evaluation of oil shale resource.

9. References and Remarks Within 2 mile radius of KGS. Cashions oil shale map.

Date: 3/14/78 Signed: R.E.G

ATTACHMENT 2-A

# SUMMARY OF ENVIRONMENTAL IMPACT EVALUATION

EIA NO. 960

DATE 3-14-78

OPERATOR Mapco
LEASE # U-013293-A
WELL NO. RBU 7-21F
LOC. ¼SW¼NE SEC. 21
T. 10S R. 20E
COUNTY Uintah STATE Ut
FIELD River Bend
USGS Cook
~~BLM~~ B.I.A - Hall
REP: Kullard
DIRT Casada

[O] ENHANCES
[ ] NO IMPACT
[/] MINOR IMPACT
[X] MAJOR IMPACT

| | | Construction | | | Pollution | | | | Drilling Production | | | | | | Transport Operations | | | Accidents | | Others |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Roads, bridges, airports | Transmission lines, pipelines | Dams & impoundments | Others (pump stations, compressor stations, etc.) | Burning, noise, junk disposal | Liquid effluent discharge | Subsurface disposal | Others (toxic gases, noxious gas, etc.) | Well drilling | Fluid removal (Prod. wells, facilities) | Secondary Recovery | Noise or obstruction of scenic views | Mineral processing (ext. facilities) | Others | Trucks | Pipelines | Others | Spills and leaks | Operational failure | |
| Land Use | Forestry N.A | | | | | | | | | | | | | | | | | | | | |
| | Grazing ✓ | / | | / | | / | / | | | / | | | / | | | / | | | / | / | |
| | Wilderness N.A | | | | | | | | | | | | | | | | | | | | |
| | Agriculture N.A | | | | | | | | | | | | | | | | | | | | |
| | Residential-Commercial N.A | | | | | | | | | | | | | | | | | | | | |
| | Mineral Extraction N.A | | | | | | | | | | | | | | | | | | | | |
| | Recreation ✓ | / | | / | | / | / | | | / | | | / | | | / | | | / | / | |
| | Scenic Views ✓ | / | | / | | / | / | | | / | | | / | | | / | | | / | / | |
| | Parks, Reserves, Monuments N.A | | | | | | | | | | | | | | | | | | | | |
| | Historical Sites | | | None Known | | | | | | | | | | | | | | | | | |
| | Unique Physical Features N.A | | | | | | | | | | | | | | | | | | | | |
| Flora & Fauna | Birds ✓ | / | | / | | / | / | | | / | | | / | | | / | | | / | / | |
| | Land Animals ✓ | / | | / | | / | / | | | / | | | / | | | / | | | / | / | |
| | Fish N.A | | | | | | | | | | | | | | | | | | | | |
| | Endangered Species | | | None Known | | | | | | | | | | | | | | | | | |
| | Trees, Grass, Etc. ✓ | / | | / | | / | / | | | / | | | | | | / | | | / | / | |
| Phy. Charact. | Surface Water N.A | | | | | | | | | | | | | | | | | | | | |
| | Underground Water ? | | | | | | | | | | | | | | | | | | | | |
| | Air Quality ✓ | | | | | / | | | | / | | | | | | / | | | | | |
| | Erosion ✓ | / | | / | | / | / | | | / | | | | | | / | | | / | / | |
| | Other | | | | | | | | | | | | | | | | | | | | |
| | Effect On Local Economy ✓ | O | | O | | | | | | O | | | | | | O | | | | | |
| | Safety & Health ✓ | / | | / | | / | | | | / | | | | | | / | | | / | / | |
| | Others | | | | | | | | | | | | | | | | | | | | |

EIA NO. 960

LEASE U-01373-A DATE 3-14-78

WELL NO. R.B.U. 7-21E

LOCATION: SW ¼ NE ¼, SEC. 21 T. 10S R. 20E

FIELD River Bend COUNTY Uintah STATE Utah

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

I. PROPOSED ACTION

Mapco Inc. (COMPANY) PROPOSES TO DRILL AN OIL AND GAS TEST WELL WITH ROTARY TOOLS TO ABOUT 8500 FT. TD. 2) TO CONSTRUCT A DRILL PAD 190 FT. X 400 FT. AND A RESERVE PIT 125 FT. X 125 FT. 3) TO CONSTRUCT 18 FT. WIDE X 1000 Ft. ~~MILES~~ ACCESS ROAD AND UPGRADE — FT. WIDE X — MILES ACCESS ROAD FROM AN EXISTING AND IMPROVED ROAD. ~~TO CONSTRUCT~~ ~~[✓] GAS [ ] OIL PRODUCTION FACILITIES ON THE DISTURBED AREA FOR THE DRILL PAD AND [ ] TRUCK [ ] TRANSPORT THE PRODUCTION THROUGH A PIPELINE TO A TIE-IN IN SECTION , T. , R. .~~

2. LOCATION AND NATURAL SETTING (EXISTING ENVIRONMENTAL SITUATION).

(1) TOPOGRAPHY: [✓] ROLLING HILLS [ ] DISSECTED TOPOGRAPHY [✓] DESERT OR PLAINS [ ] STEEP CANYON SIDES [ ] NARROW CANYON FLOORS [ ] DEEP DRAINAGE IN AREA [ ] SURFACE WATER

(2) VEGETATION: [✓] SAGEBRUSH [ ] PINION-JUNIPER [ ] PINE/FIR [ ] FARMLAND (CULTIVATED) [✓] NATIVE GRASSES [✓] OTHER (Some Cactus)

(3) WILDLIFE: [✓] DEER [✓] ANTELOPE [ ] ELK [ ] BEAR [✓] SMALL MAMMAL [ ] BIRDS [ ] ENDANGERED SPECIES [ ] OTHER _____

(4) LAND USE: [✓] RECREATION [✓] LIVESTOCK GRAZING [ ] AGRICULTURE [ ] MINING [ ] INDUSTRIAL [ ] RESIDENTIAL [ ] OIL & GAS OPERATIONS

REF: BLM UMBRELLA EAR ~~[illegible]~~ B.I.A. has no area Environmental analysis
USFS EAR
OTHER ENVIRONMENTAL ANALYSIS

3. Effects on Environment by Proposed Action (potential impact)

1) EXHAUST EMISSIONS FROM THE DRILLING RIG POWER UNITS AND SUPPORT TRAFFIC ENGINES WOULD ADD MINOR POLLUTION TO THE ATMOSPHERE IN THE LOCAL VICINITY.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR VISUAL IMPACTS FOR A SHORT TERM DUE TO OPERATIONAL EQUIPMENT AND SURFACE DISTURBANCE.

4) TEMPORARY DISTURBANCE OF WILDLIFE AND LIVESTOCK.

5) MINOR DISTRACTION FROM AESTHETICS FOR SHORT TERM.

6)

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.

2) DENY THE PROPOSED PERMIT AND SUGGEST AN ALTERNATE LOCATION TO MINIMIZE ENVIRONMENTAL IMPACTS. NO ALTERNATE LOCATION ON THIS LEASE WOULD JUSTIFY THIS ACTION.

3) LOCATION WAS MOVED _____ TO AVOID _____

☐ LARGE SIDEHILL CUTS ☐ NATURAL DRAINAGE ☐ OTHER _____

4) There was no changes suggested By any on on the on site

5. Adverse Environmental Effects Which Cannot Be Avoided

1) MINOR AIR POLLUTION DUE TO EXHAUST EMISSIONS FROM RIG ENGINES AND SUPPORT TRAFFIC ENGINES.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR AND TEMPORARY DISTURBANCE OF WILDLIFE.

4) TEMPORARY DISTURBANCE OF LIVESTOCK.

5) MINOR AND SHORT-TERM VISUAL IMPACTS.

6)

6. 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 INSPECTED 3-14-78

INSPECTOR G.R. Cook

E W Guynn

U. S. GEOLOGICAL SURVEY
CONSERVATION DIVISION - OIL & GAS OPERATION
SALT LAKE CITY DISTRICT

MAPCO INCORPORATED

13 Point Surface Use Plan

for

Well Location

River Bend Unit No. 7-21-F

Located In

Section 21, T10S, R20E, S.L.B. & M.

Uintah County, Utah

1. EXISTING ROADS

See attaches Topographic Map "A".

To reach Mapco Incorporated, well location River Bend Unit #7-21-F, located in the SW 1/4 NE 1/4 Section 21, T10S, R20E, S.L.B. & M., Uintah County, Utah; proceed Westerly out of Vernal, Utah along U.S. Highway 40, 14 miles to the junction of this road and Utah State Highway 209; proceed South along Utah State Highway 209, 7 miles more or less to the junction of this Highway and Utah State Highway 88; proceed South along Utah State Highway 88-10 miles to Ouray, Utah; proceed on South along a county road 9 miles along the Seep Ridge to its junction with Willow Creek Road; proceed Southerly along the Willow Creek Road 3 miles to the junction of this road and the Hill Creek Road; proceed Westerly along the Hill Creek road 0.4 mile to the junction of this road and a dirt road to the West; proceed Westerly along this road 1.5 miles to the junction of this road and the proposed access road to be discussed in Item #2.

The Highways mentioned in the foregoing paragraph are bituminous surfaced road to Ouray, Utah at which point the County road is surfaced with native asphalt for ± 4 miles and then is a gravel surface to the aforementioned service roads.

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

There is no anticipated construction on any portion of the above described road. They will meet the necessary standards required to facilitiate an orderly flow of traffic during the drilling phase; completion phase and the production phase of this well at such time that production is established.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well, will be maintained at the standards required by the B.L.M. or other controlling agencies.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing service road described in Item #1 in the NW 1/4 SE 1/4 Section 21, T10S, R20E, SLM and proceeds in a Northerly direction 1000' to the proposed location site in the SW 1/4 NE 1/4 said Section 21.

In order to facilitate the anticipated traffic flow necessary to drill and produce this well, the following standards will be met:

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

PLANNED ACCESS ROAD - continued

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

The road will be centerline flagged prior to the commencement of construction.

The grade of this road will vary from flat to 8%, but will not exceed this amount. This road will be constructed from native borrow accumulated during construction.

If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety purposes every 0.25 miles or on the top of ridges or at intervals and locations that will provide the greatest sight distance. These turnouts will be 200' in length and 10' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access and outlet ends.

Any fences that are encountered along this access road will be cut and replaced with a cattleguard with a minimum width of 18' and a loading factor large enough to facilitate the heavy trucks required in the drilling and production of this well.

If cattleguards are to be located at existing gates, they will be installed with the above requirements and with a new gate installed at one end of the cattleguard.

The access from the road to the gate will be of such a nature that there will be no impedance of traffic flow along the main access road and no difficulties encountered by traffic utilizing the gate, either leaving or entering the proposed access road.

The terrain that this access road traverses is along a fairly flat area. The vegetation along this route consists of sparce amounts of sagebrush, rabbitbrush, some grasses and cacti with large areas ~~of~~ devoid of vegetation.

3. LOCATION OF EXISTING WELLS

There are no other Mapco Incorporated wells within a one mile radius of this location (See Topographic Map "B"). For the exact location of this well in Section 21, T10S, R20E, S.L.B. & M. see the location plat.

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

At the present time there are no other Mapco Incorporated batteries, production facilities, oil gathering lines, gas gathering lines, injection and disposal lines within a one-mile radius.

In the even that production of this well is established, then the existing area of the location will be utilized for the establishment of the necessary production facilities.

LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES - continued

This area will be built, if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to these facilities.

If there is any deviation from the above, then all appropriate agencies will be notified prior to construction and all necessary requests and applications will be made.

5. LOCATION OF AND TYPE OF WATER SUPPLY

Water to be used in the drilling and production of this well will he hauled from the White River 2 miles South of Ouray, Utah, 12 road miles North of the proposed location site.

In the event this not a suitable source other arrangements will be made to acquire water from another source.

All regulations and guidelines will be followed and no deviations will be made unless all concerned agencies are notified.

6. SOURCE OF CONSTRUCTION MATERIALS

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

The native materials that will be used in the construction of this location site and access road will consist of a sandy-clay soils and sandstone and shale materials gathered in actual construction of the road and location.

7. METHODS FOR HANDLING WASTE DISPOSAL

A reserve and burn pit shall be constructed, and at least half of the depth of the reserve pit shall be below the existing ground surface. All trash and flammable materials will be burned in the burn pit. Non-flammable materials such as cuttings, salts, chemicals, etc., will be bureid in the reserve pit and covered with a minimum of four feet of earth material. Prior to the onset of drilling, the burn pit will be fenced on all four sides with a net wire, and the reserve pit will be fenced on three sides. Upon completion of drilling, the fourth side of the reserve pit will be fenced and allowed to dry completely before backfilling and relamation are attempted. A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

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

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site and road.

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

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

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area. Fences around pits are to be removed upon completion of drilling activites and all waste being contained in the trash pit shall be buried with a minimum of 4' of cover. The reserve pit will be completely fenced and allowed to dry before covering. When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further convenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

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

The area slopes from the rim of the Book Cliff Mountains to the South to the White River to the North, and is a portion of the Roan Plateau. The area is interlaced with numerous canyons and ridges which are extremely steep with numerous ledges formed in a sandstones, conglomerates, and shale deposits.

The majority of the washes and streams in the area are non-perennial in nature with the only two in the area having a year round flow being Willow Creek to the East and the White River to the North, of which the numerous washes, draws and non-perennial streams are tributaries to the White River.

OTHER INFORMATION - continued

The majority of the surrounding drainages are of a non-perennial nature with normal flow limited to the early spring run-off and extremely rare heavy thunderstorms or rain storms of high intensity that lasts over an extended period of time and are extremely rare in nature as the normal annual precipitation is only 8".

All the drainages in the immediate area are non-perennial streams and flow to the North and are tributaries to the White River.

The soils of this semi-arid area are of the Uinta Formation and Duchesne River Formation (the Fluvial Sandstone and Mudstone) from the Eocene Epoch and Quaternary Epoch (gravels surfaces) and the visiable geologic structures consists of light brownish-gray clays (OL) to sandy soils (SM-ML) with poorly graded gravels and shales with outcrops of rock (sandstone, mudstone, conglomerates and shales).

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations of the Uinta Basin. It consists of, as primary flora, areas of sagebrush, rabbitbrush, some grasses and cacti, and large areas of bare soils devoid of any growth in the areas away from and in the vicinity of non-perennial streams and along the areas that are formed along the edges of perennial streams, cottonwoods, willows, tamarack, sagebrush, rabbitbrush, grasses and cacti can be found.

The fauna of the area is sparse and consists predominately 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.

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

The area is used by man for the primary purpose of grazing dometic livestock.

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

River Bend Unit # 7-21-F location sits on a relatively flat area at the head of a small drainage which drains to the East into the annually flowing Willow Creek which is a tributary of the Green River to the North.

The geologic structure of the location is of the Uinta Formation and consists of light brownish-gray sandy clay (SP-CL) with some sandstone outcrops.

The ground slopes from the West through the location to the East at approximately a 2% grade.

The location is covered with some sagebrush and grasses.

OTHER INFORMATION - continued

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

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

12. LESSEE'S OPERATOR'S REPRESENTATIVE

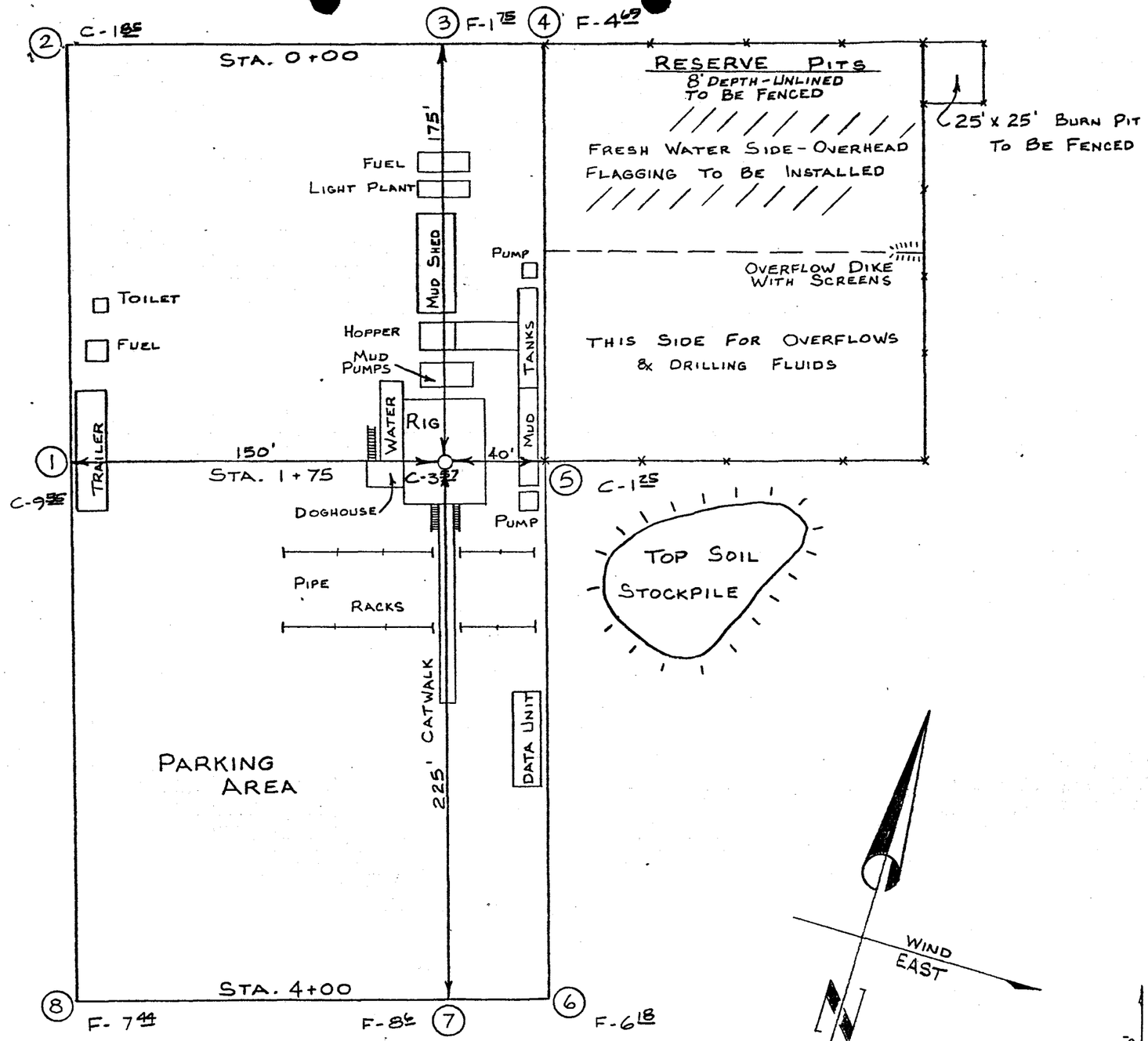
Darwin Kullard
Mapco Incorporated
P.O. Box 1360
Roosevelt, Utah 84066

13. CERTIFICATION

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

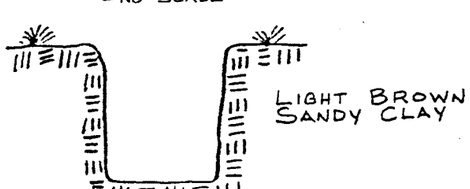
3-9-78
Date

Darwin Kullard
Darwin Kullard
Drilling & Production Superintendant




## SOILS LITHOLOGY

- No Scale -







SCALE 1" = 50'

# MAPCO INCORPORATED

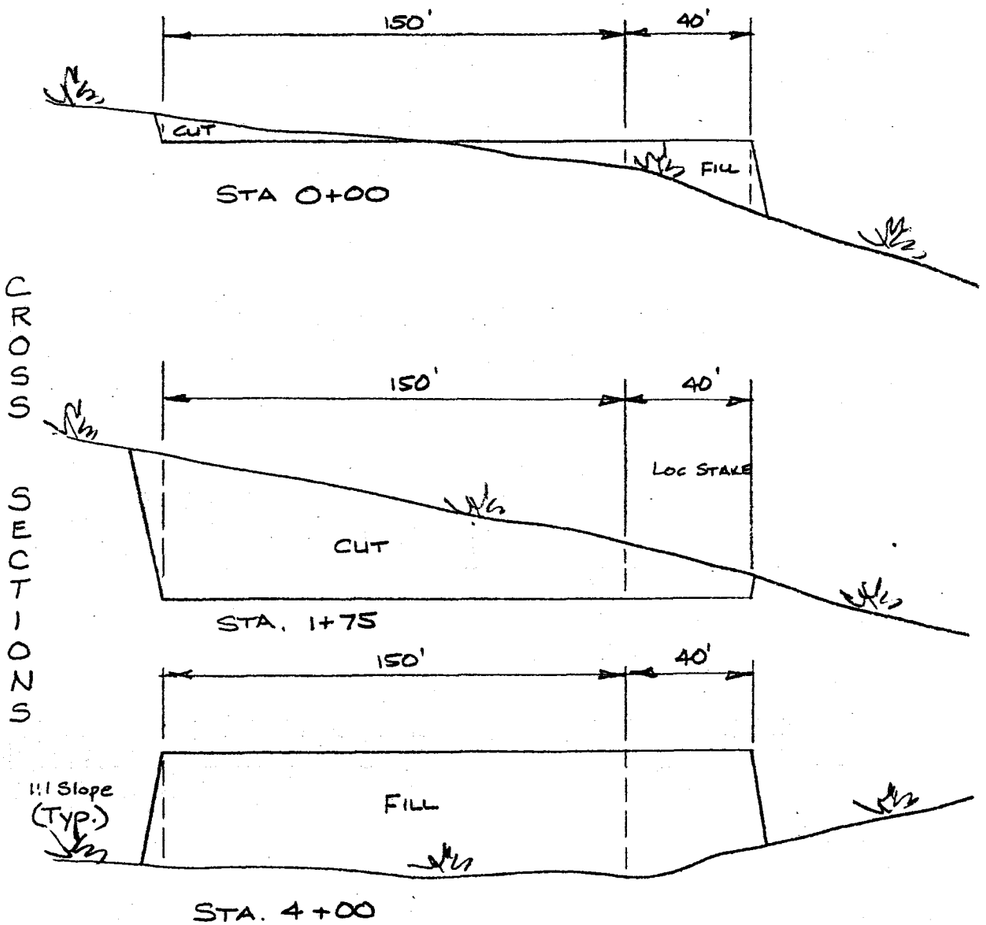
## LOCATION LAYOUT

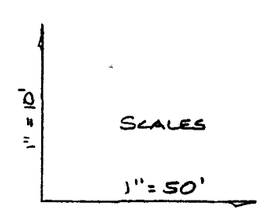
FOR

RIVER BEND UNIT № 7-21-F

SECTION 21, T10S, R20E, SLM.

CROSS SECTIONS




## APPROX. YARDAGES

CUT 8,469 CU. YDS.
FILL 7,097 CU. YDS.

MAPCO INC.

R.B.U. № 7-21-F

TOPO. MAP "B"

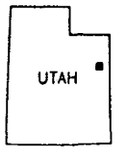
N

SCALE 1" = 2000'

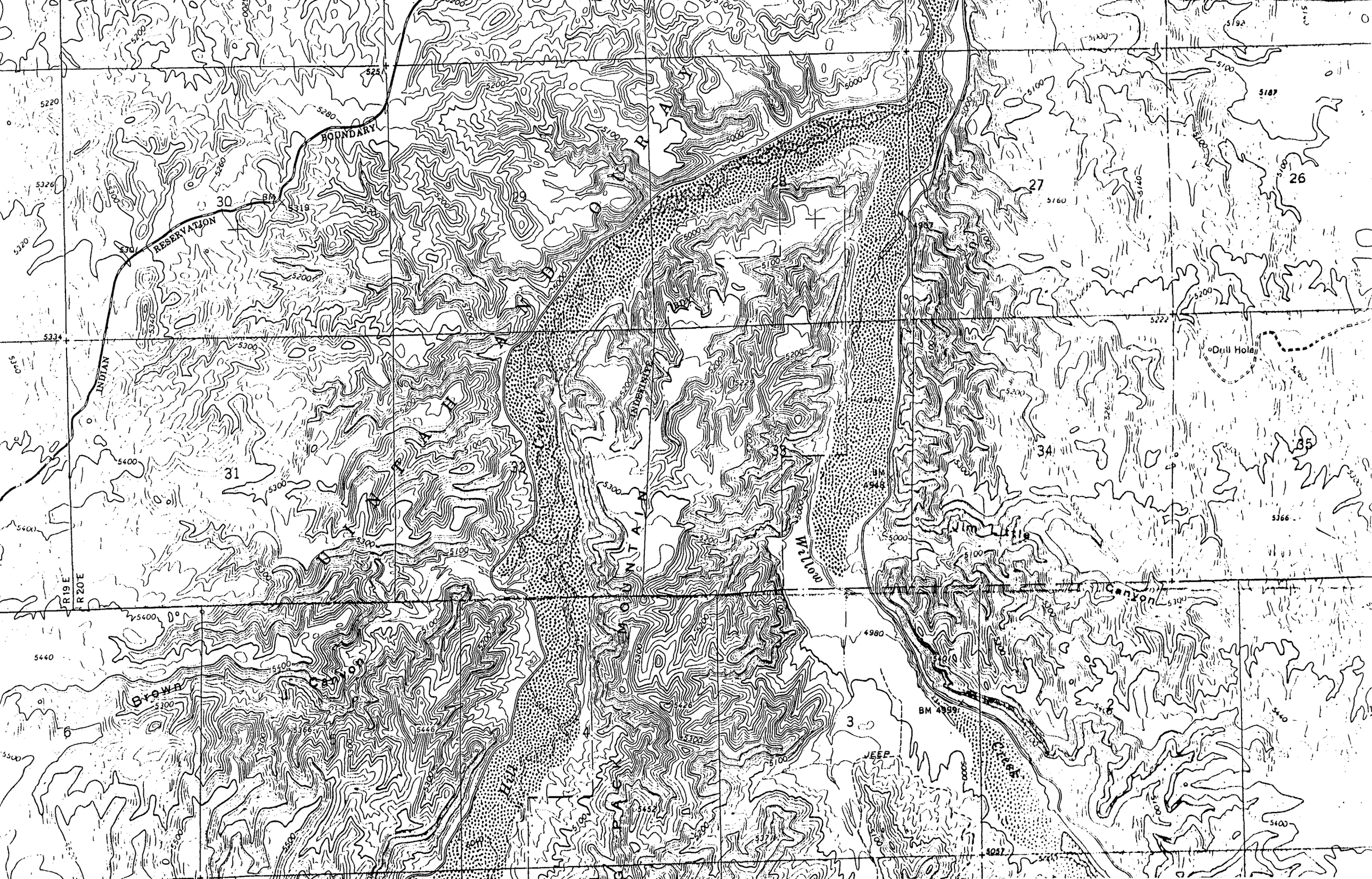
ROAD CLASSIFICATION

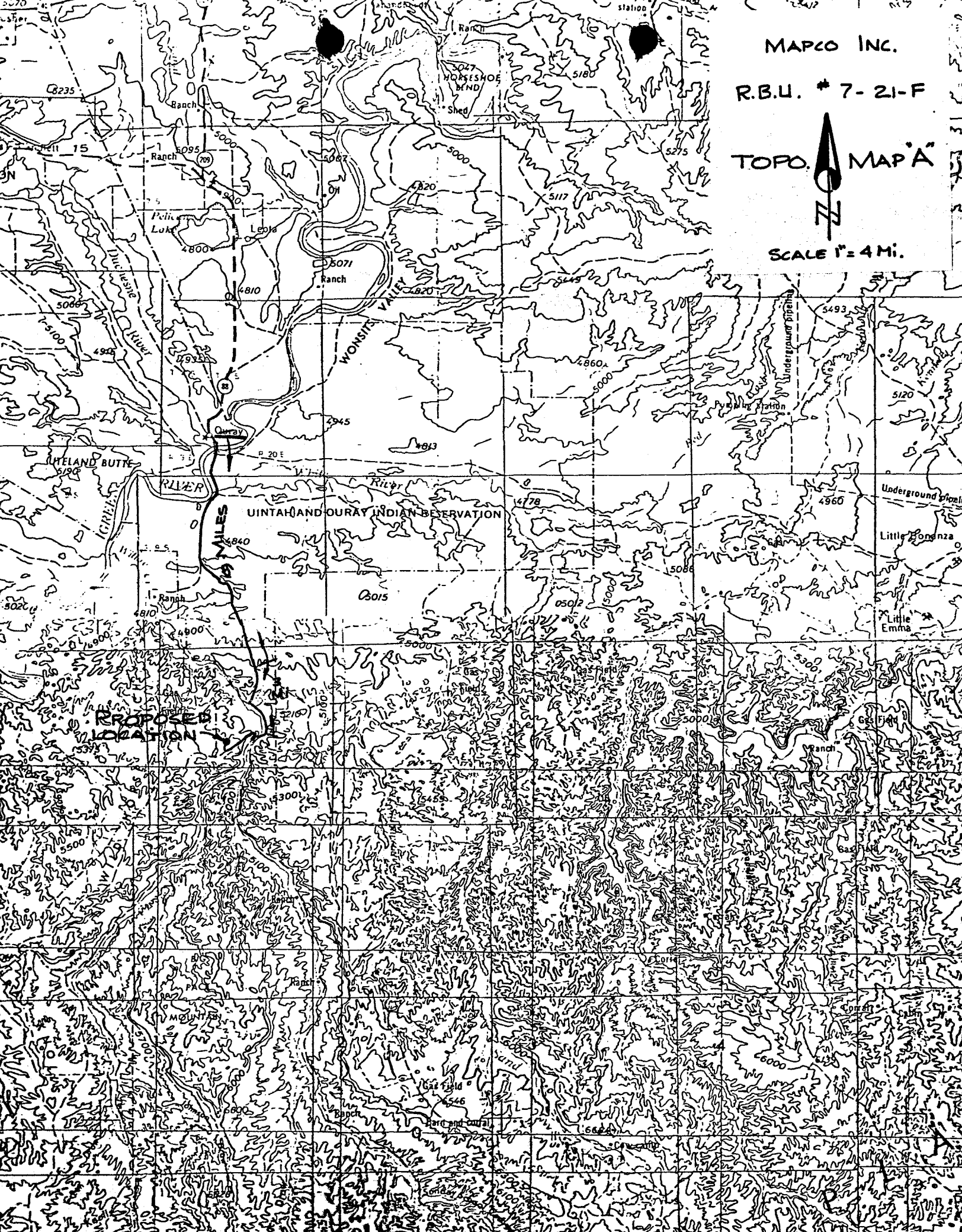
Light-duty road, all weather, improved surface

Unimproved road, fair or dry weather




QUADRANGLE LOCATION


INDIAN RESERVATION BOUNDARY
BM 5319
30
29
28
27
26
31
32
33
34
35
3
4
2
R19E
R20E
Brown Canyon
Hill
Willow Canyon
Willow Creek
Drill Hole
JEEP
BM 4999
BM 4948
4980
5187
5192
5222
5229
5340
5371
5426
5446
5452
5366
5326
5334
5320
5340
5400
5440
5500
5220
5160
5140
5100
5000
5200
5300


MAPCO INC.
R.B.U. # 7-21-F
TOPO. MAP "A"
N
SCALE 1" = 4 Mi.
HORSESHOE BEND
Ranch
Shed
Pelican Lake
Lola
Duchesne River
WONSITS VALLEY
Ouray
UTELAND BUTTE
RIVER
UINTAH AND OURAY INDIAN RESERVATION
Underground pipeline
Little Bonanza
Little Emma
Gas Field
PROPOSED LOCATION
PACK MOUNTAIN
Sand
Corral
Hard and corral

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

** FILE NOTATIONS **

Date: March 10-

Operator: Mapco Inc.

Well No: River Bend Unit 7-21F

Location: Sec. 21 T. 10S R. 20E County: Uintah

---

*File Prepared:* /✓/ *Entered on N.I.D.:* /✓/

*Card Indexed:* /✓/ *Completion Sheet:* /✓/

*API NUMBER:* 43-047-30376

---

CHECKED BY:

Administrative Assistant AW

*Remarks:*

Petroleum Engineer

*Remarks:*

Need change in surface casing size

Director

*Remarks:*

INCLUDE WITHIN APPROVAL LETTER:

*Bond Required:* /OK/ *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* /X/

*Other:*

/✓/ ~~Letter Written~~/Approved

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 8-329 Rev. Feb 76
OMB 42-R0356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-013793-A
Communitization Agreement No. NA
Field Name NA
Unit Name RIVER BEND UNIT
Participating Area NA
County UINTAH State UTAH
Operator MAPCO Inc.

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of July, 19 78

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

| Well No. | Sec. & ¼ of ¼ | TWP | RNG | Well Status | Days Prod. | *Barrels of Oil | *MCF of Gas | *Barrels of Water | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 7-21F | 21 SWNE | 10S | 20E | PGW | 0 | 0 | 0 | 0 | Drilling well. |

7-18-78 - Spudded well, ran 8-5/8" 24# K-55 casing. Landed at 449"KB: cemented with 7 barrels of class G cement.

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

| | Oil & Condensate (BBLS) | Gas (MCF) | Water (BBLS) |
|---|---|---|---|
| *On hand, Start of Month | | XXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXX |
| *Produced | 0 | 0 | 0 |
| *Sold | 0 | 0 | XXXXXXXXXXXXXXXXX |
| *Spilled or Lost | | XXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXX |
| *Flared or Vented | XXXXXXXXXXXXXXXXX | | XXXXXXXXXXXXXXXXX |
| *Used on Lease | | | XXXXXXXXXXXXXXXXX |
| *Injected | | | |
| *Surface Pits | XXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXX | |
| *Other (Identify) | | | |
| *On hand, End of Month | | XXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXX |
| *API Gravity/BTU Content | | | XXXXXXXXXXXXXXXXX |

Authorized Signature: J. M. Vogl

Address: 1537 Ave. D., Suite 320
Billings, Montana 59102

Title: SECRETARY

Page ____ of ____

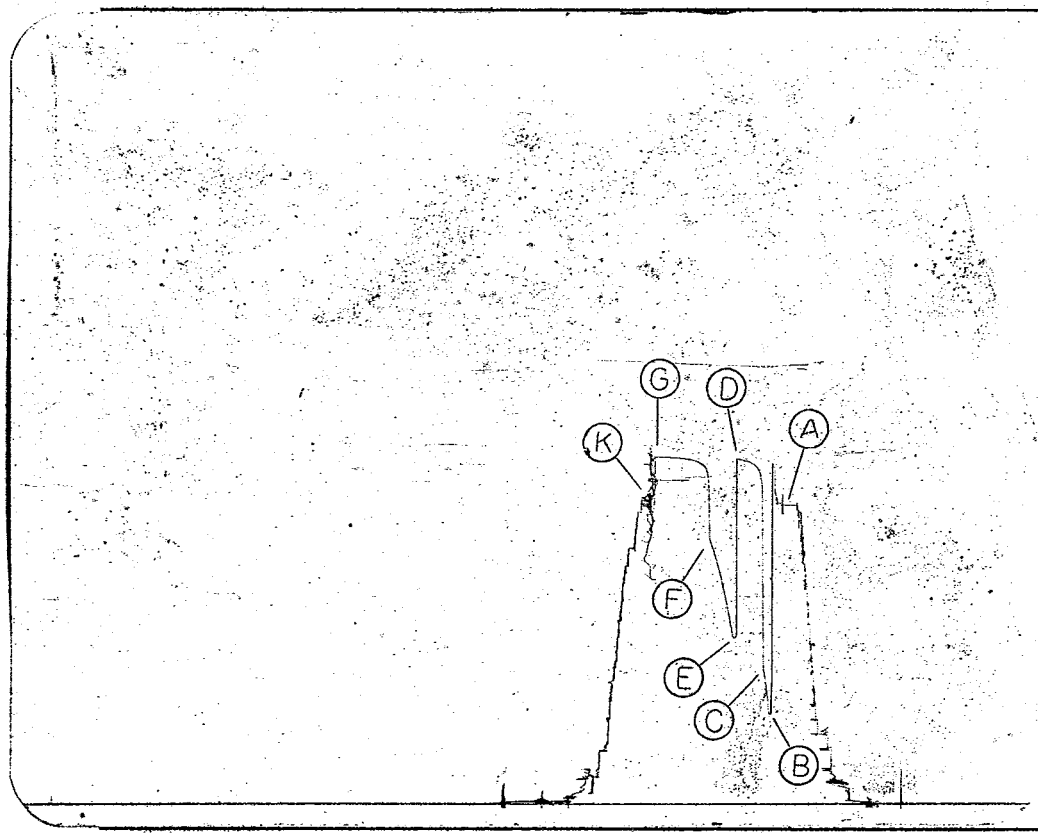
Phone
522-1206 Area 303

# LYNES, INC

Box 712
Sterling, Colo. 80751

| | | | | | |
|---|---|---|---|---|---|
| Contractor | Allwestern | Top Choke | 1/4" | Flow No. 1 | 10 Min. |
| Rig No. | 2 | Bottom Choke | 3/4" | Shut-in No. 1 | 30 Min. |
| Spot | SW - NE | Size Hole | 7 7/8" | Flow No. 2 | 30 Min. |
| Sec. | 21 | Size Rat Hole | -- | Shut-in No. 2 | 60 Min. |
| Twp. | 10 S | Size & Wt. D. P. | 4 1/2" 16.60 | Flow No. 3 | -- Min. |
| Rng. | 20 E | Size Wt. Pipe | -- | Shut-in No. 3 | -- Min. |
| Field | Island | I. D. of D. C. | 2 1/4" | | |
| County | Uintah | Length of D. C. | 467' | | |
| State | Utah | Total Depth | 2138' | Bottom Hole Temp. | 98°F |
| Elevation | 5111' "K.B." | Interval Tested | 1846-2138' | Mud Weight | 8.4 |
| Formation | Green River | Type of Test | Bottom Hole Conventional | Gravity | -- |
| | | | | Viscosity | 26 |

Tool opened @ 10:25 AM.




Inside Recorder

PRD Make Kuster AK-1
No. 4152 Cap. 2100 @ 1855'

| Press | | Corrected |
|---|---|---|
| Initial Hydrostatic | A | 804 |
| Final Hydrostatic | K | 804 |
| Initial Flow | B | 237 |
| Final Initial Flow | C | 352 |
| Initial Shut-in | D | 918 |
| Second Initial Flow | E | 439 |
| Second Final Flow | F | 701 |
| Second Shut-in | G | 922 |
| Third Initial Flow | H | -- |
| Third Final Flow | I | -- |
| Third Shut-in | J | -- |

Lynes Dist.: Rock Springs, Wy.
Our Tester: John Webb
Witnessed By: H. D. Allred

Did Well Flow – Gas Yes Oil No Water No

RECOVERY IN PIPE: 1580' Slightly gas cut water = 18.08 bbl.

---

1st Flow - Tool opened with fair blow, increased to bottom of bucket in 30 seconds, increased to an 8.0 psig at end of flow period. Gas to surface 9 minutes into initial shut-in period, too small to measure.

2nd Flow - Tool opened with gas to surface. Too small to measure.

REMARKS:

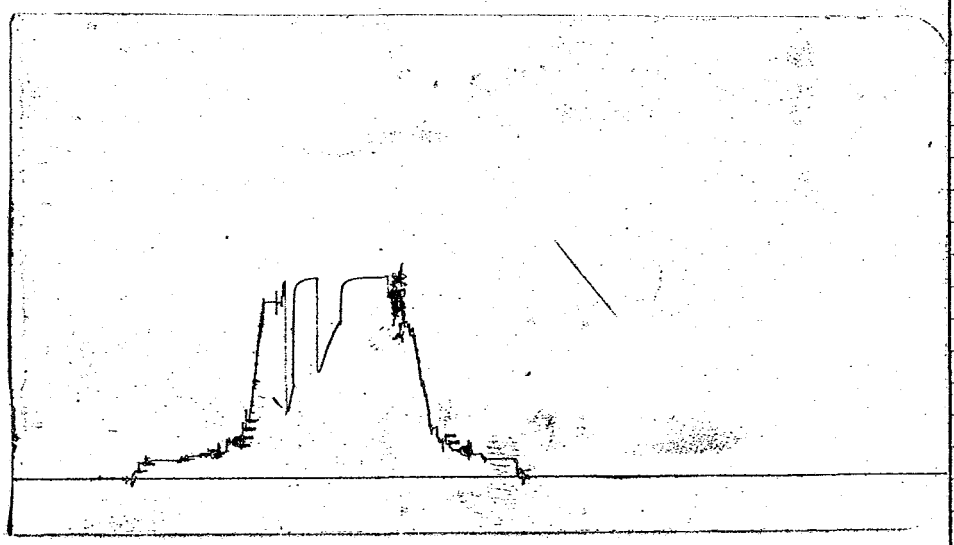
---

Operator Mapco, Inc.
Address See Distribution
Well Name and No. Riverbend Unit #7-21F
Ticket No. 10335
Date 7-21-78
DST No. 1
No. Final Copies 9

Form 1

# LYNES, INC.

Operator Mapco, Inc. Lease & No. Riverbend Unit #7-21F DST No. 1

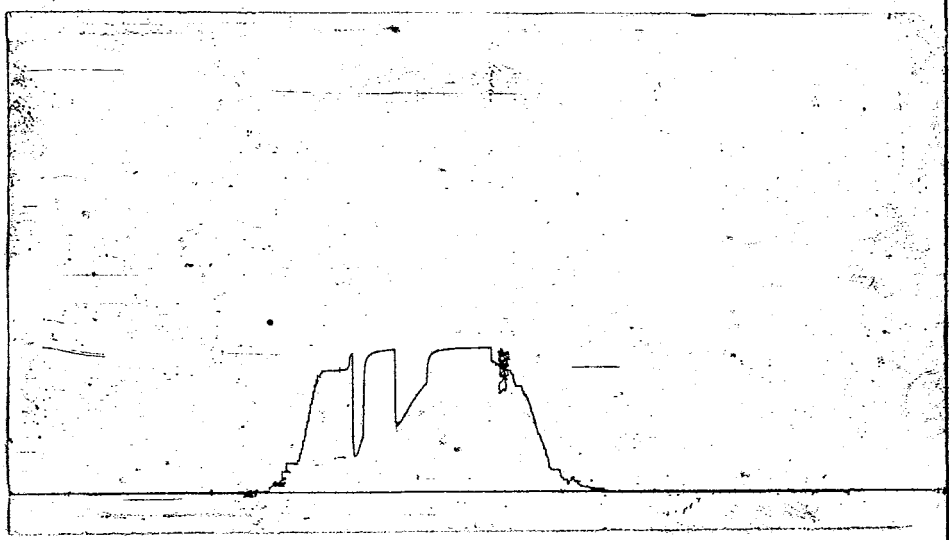


## Outside Recorder

PRD Make Kuster K-3

No. 15620 Cap. 2400 @ 2136'

| Press | | Corrected |
|---|---|---|
| Initial Hydrostatic | A | 917 |
| Final Hydrostatic | K | 920 |
| Initial Flow | B | 344 |
| Final Initial Flow | C | 479 |
| Initial Shut-in | D | 1039 |
| Second Initial Flow | E | 553 |
| Second Final Flow | F | 818 |
| Second Shut-in | G | 1044 |
| Third Initial Flow | H | -- |
| Third Final Flow | I | -- |
| Third Shut-in | J | -- |
| | | |
| | | |
| | | |
| Pressure Below Bottom Packer Bled To | | |



## Inside Recorder

PRD Make Kuster K-3

No. 9987 Cap. 3000 @ 1860'

| Press | | Corrected |
|---|---|---|
| Initial Hydrostatic | A | 799 |
| Final Hydrostatic | K | 801 |
| Initial Flow | B | 234 |
| Final Initial Flow | C | 345 |
| Initial Shut-in | D | 917 |
| Second Initial Flow | E | 432 |
| Second Final Flow | F | 697 |
| Second Shut-in | G | 922 |
| Third Initial Flow | H | -- |
| Third Final Flow | I | -- |
| Third Shut-in | J | -- |
| | | |
| | | |
| | | |
| Pressure Below Bottom Packer Bled To | | |

Form 3

REPORT # 796

WELL NAME - RIVERBEND UNIT 7-21F

WELL OPERATOR - MAPCO, INC.

DST NUMBER - 1

RECORDER NUMBER - 4152

FIRST SHUT IN PRESSURE

| TIME(MIN) PHI | (T+PHI) /PHI | PSIG |
|---|---|---|
| .0 | .0000 | 352 |
| 3.0 | 4.3333 | 862 |
| 6.0 | 2.6667 | 889 |
| 9.0 | 2.1111 | 898 |
| 12.0 | 1.8333 | 904 |
| 15.0 | 1.6667 | 908 |
| 18.0 | 1.5556 | 911 |
| 21.0 | 1.4762 | 913 |
| 24.0 | 1.4167 | 915 |
| 27.0 | 1.3704 | 917 |
| 30.0 | 1.3333 | 918 |

EXTRAPOLATION OF FIRST SHUT IN = 931.38

# LYNES INC.

REPORT # 796

WELL NAME - RIVERBEND UNIT 7-21F

WELL OPERATOR - MAPCO, INC.

DST NUMBER - 1

RECORDER NUMBER - 4152

## SECOND SHUT IN PRESSURE

| TIME(MIN) PHI | (T+PHI) /PHI | PSIG |
|---|---|---|
| .0 | .0000 | 701 |
| 6.0 | 7.6667 | 989 |
| 12.0 | 4.3333 | 909 |
| 18.0 | 3.2222 | 913 |
| 24.0 | 2.6667 | 916 |
| 30.0 | 2.3333 | 919 |
| 36.0 | 2.1111 | 920 |
| 42.0 | 1.9524 | 921 |
| 48.0 | 1.8333 | 922 |
| 54.0 | 1.7407 | 922 |
| 60.0 | 1.6667 | 922 |

FITTED LINE: LOG((TO+PHI)/PHI) = -.06296 PSIG + 58.27448

EXTRAPOLATION OF SECOND SHUT IN = 925.52 M = 15.88

# LYNES, INC.

## Fluid Sample Report

Company: Mapco, Inc. Date: 7-21-78

Well Name & No.: Riverbend Unit #7-21F Ticket No.: 10335

County: Uintah State: Utah

Test Interval: 1846-2138' DST No.: 1

Total Volume of Sampler: 2100 cc.

Total Volume of Sample: 2000 cc.

Pressure in Sampler: 370 psig

Oil: None cc.

Water: 2000 slightly gas cut cc.

Mud: None cc.

Gas: .25 cu. ft.

Other: R.W. .9 @ 80°F = 6000 ppm.chl.

**Resistivity**

Make Up Water 4. @ 90°F of Chloride Content 1050 ppm.

Mud Pit Sample .18 @ 85°F of Chloride Content 32000 ppm.

Gas/Oil Ratio _____ Gravity _____ °API @ _____ °F

Where was sample drained On Location

Remarks: Recovery: Top Sample - R.W. .3 @ 80°F = 18,500 ppm.chl.

Middle Sample - R.W. .65 @ 75°F = 8,750 ppm.chl.

Bottom Sample - R.W. .9 @ 80°F = 6,000 ppm.chl.

FORM 5

# LYNES, INC.

## Distribution of Final Reports

Operator Mapco, Inc. Well Name and No. Riverbend Unit #7-21F

Original & 1 Copy: Mapco, Inc., Suite 320, Plaza West, 1537 Avenue D, Billings, Montana 59102

2 Copies: Natural Gas Corporation of California, 245 Market Street, San Francisco, California 94106 Attn: Jim Langman

1 Copy: Gilman A. Hill, 6200 Plateau Drive, Englewood, Colorado 80110

2 Copies: Mapco, Inc., Production Division, 1800 South Baltimore Avenue, Tulsa, Oklahoma 74119 Attn: L. B. McDade

1 Copy: Mapco, Inc., P. O. Box 1360, Roosevelt, Utah 84066 Attn: Darwin Kulland

1 Copy: State of Utah, Department of Natural Resources, Div. of Oil, Gas & Mining, 1588 West North Temple, Salt Lake City, Utah 84116

Form 6

SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
*Executive Director,*
*NATURAL RESOURCES*

CLEON B. FEIGHT
*Director*

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

OIL, GAS, AND MINING BOARD

I. DANIEL STEWART
*Chairman*

CHARLES R. HENDERSON
JOHN L. BELL
THADIS W. BOX
C. RAY JUVELIN

August 17, 1978

Mapco Inc.
Suite 320 Plaza West
1537 Avenue D
Billings, Montana 59102

Re: Well locations listed on attached sheet

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations 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 OGC-1b, (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, & MINING

Tammy Edge
Typist

Well No. River Bend Unit 7-21F
Sec. 21, T. 10S, R. 20E
Uintah County, Utah
May 1978-July 1978

Well No. River Bend Unit 11-15F
Sec. 15, T. 10S, R. 20E
Uintah County, Utah
May 1978-July 1978

Well No. River Bend Unit Federal 11-18F
Sec. 18, T. 10S, R. 20E
Uintah County, Utah
May 1977-July 1978

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

# 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.)

5. LEASE DESIGNATION AND SERIAL NO.: U-013793-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: River Bend #14-08-0001-16385

8. FARM OR LEASE NAME:

9. WELL NO.: RBU 7-21F

10. FIELD AND POOL, OR WILDCAT: River Bend

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 21 T. 10 S., R. 20 E.

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

1. OIL WELL [ ] GAS WELL [X] OTHER

2. NAME OF OPERATOR: MAPCO Inc.

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1716' FNL & 2038' FEL, SW NE Section 21,

14. PERMIT NO.: 43-047-30374

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5097' GL

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 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.)*

7-18-78: Spudded well @ 10:30 p.m.

Ran 8 5/8" 24# K-55 casing. Landed at 499' KB; cemented with 71 barrels of class G cement.

8-12-78: Driller T.D. 8349', Logger 7844' maximum log depth (FDC/CNL)

Dual Laterolog/GR from 7380' - FDC/CNL, GR/cal. from 7844'

Log Tops - -

| Formation | Depth | Datum |
|---|---|---|
| Wasatch | 4498 | (+ 613) |
| Chapita Wells | 5196 | (- 85) |
| Uteland Buttes | 6208 | (-1097) |
| Mesaverde | 7550 | (-2439) |

Ran 201 Joints 5 1/2" 15.5# and 17# K-55 and N-80 LTC Casing to 8338 feet KB: cemented with 2360 sx.

8-16-78: Rig released 9:00 p.m. Prep to test.

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

SIGNED James J. Dennis TITLE Reservoir & Production Engineer DATE 9-11-78

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 8-329 Rev. Feb 76
OMB 42-R0356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-013793-A
Communitization Agreement NA
Field Name NA
Unit Name RIVER BEND UNIT
Participating Area NA
County UINTAH State UTAH
Operator MAPCO Inc.

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of August, 19 78

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

| Well No. | Sec. & ¼ of ¼ | TWP | RNG | Well Status | Days Prod. | *Barrels of Oil | *MCF of Gas | *Barrels of Water | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 7-21F | 21 SWNE | 10S | 20E | PGW | 0 | 0 | 0 | 0 | Well being drilled. |

8-12-78 - Drilled T.D. 8349', Logger 7844 maximum log depth (FDC/CNL)

Ran 201 Jts. 5-1/2" 15.5# and 17# K-55 and N-80 LTC Casing to 8338' KB. cemented with 2360 sx.

8-16-78 - Rig released Prep to test.

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

| | Oil & Condensate (BBLS) | Gas (MCF) | Water (BBLS) |
|---|---|---|---|
| *On hand, Start of Month | | XXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXX |
| *Produced | 0 | 0 | 0 |
| *Sold | 0 | 0 | XXXXXXXXXXXXXXXXX |
| *Spilled or Lost | | XXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXX |
| *Flared or Vented | XXXXXXXXXXXXXXXXX | | XXXXXXXXXXXXXXXXX |
| *Used on Lease | | | XXXXXXXXXXXXXXXXX |
| *Injected | | | |
| *Surface Pits | XXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXX | |
| *Other (Identify) | | | |
| *On hand, End of Month | | XXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXX |
| *API Gravity/BTU Content | | | XXXXXXXXXXXXXXXXX |

Authorized Signature: [signature]

Address: 1537 Ave. D., Suite 320
Billings, Montana 59102

Title: SECRETARY

Page ____ of ____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 8-329 Rev. Feb 76
OMB 42-R0356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-013793-A

Communitization Agreement No. NA
Field Name NA
Unit Name RIVER BEND UNIT
Participating Area NA
County UINTAH State UTAH
Operator MAPCO Inc.

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of OCTOBER, 19 78

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

| Well No. | Sec. & ¼ of ¼ | TWP | RNG | Well Status | Days Prod. | *Barrels of Oil | *MCF of Gas | *Barrels of Water | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 7-21F | 21 SWNE | 10S | 20E | PGW | 0 | 0 | 0 | 0 | Completion operation, testing. |

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

| | Oil & Condensate (BBLS) | Gas (MCF) | Water (BBLS) |
|---|---|---|---|
| *On hand, Start of Month | | XXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXX |
| *Produced | 0 | 0 | 0 |
| *Sold | | | XXXXXXXXXXXXXXXXX |
| *Spilled or Lost | | XXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXX |
| *Flared or Vented | XXXXXXXXXXXXXXXXX | | XXXXXXXXXXXXXXXXX |
| *Used on Lease | | | XXXXXXXXXXXXXXXXX |
| *Injected | | | |
| *Surface Pits | XXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXX | |
| *Other (Identify) | | | |
| *On hand, End of Month | | XXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXX |
| *API Gravity/BTU Content | | | XXXXXXXXXXXXXXXXX |

Authorized Signature: [signature]

Title: SECRETARY

Address: 1537 Ave. D., Suite 320
Billings, Montana 59102

Page ____ of ____

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

# 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.)

5. LEASE DESIGNATION AND SERIAL NO.: U-013793-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [ ] GAS WELL [X] OTHER

7. UNIT AGREEMENT NAME: River Bend #14-08-0001-16385

2. NAME OF OPERATOR: MAPCO Inc.

8. FARM OR LEASE NAME:

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

9. WELL NO.: RBU 7-21F

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1716' FNL & 2038' FEL, SW NE Section 21,

10. FIELD AND POOL, OR WILDCAT: River Bend

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 21, T. 10 S., R. 20 E.

14. PERMIT NO.: 43-047-30374

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5097' 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: | | | | SUBSEQUENT REPORT OF: | | | |
|---|---|---|---|---|---|---|---|
| TEST WATER SHUT-OFF | [ ] | PULL OR ALTER CASING | [ ] | WATER SHUT-OFF | [ ] | REPAIRING WELL | [ ] |
| FRACTURE TREAT | [ ] | MULTIPLE COMPLETE | [ ] | FRACTURE TREATMENT | [ ] | ALTERING CASING | [ ] |
| SHOOT OR ACIDIZE | [ ] | ABANDON* | [ ] | SHOOTING OR ACIDIZING | [ ] | ABANDONMENT* | [ ] |
| REPAIR WELL | [ ] | CHANGE PLANS | [ ] | (Other) | | | |
| (Other) XX Install Flowline | | | [ ] | (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.)*

Proposal - lay approximately 2 miles of 3-1/2" gas sales line from the RBU 7-21F well, Northwest to a point in the SE/4 of Section 18, T. 10 S., R. 20 E., Uintah County, Utah. The line will be tied into the proposed 4-1/2" line from the SE/4 of Section 18, T. 10 S., R. 20 E., to the tie in of the 20" 500 psig Mountain Fuel sales line in the SE/4 of Section 10, T. 10 S., T. 20 E. The proposed flowline is shown in red on Attachment No. 1. The pipeline which will be layed on the surface, will be constructed using 3-1/2" OD, .156" wall thickness, API5L, Gr. B, plain end, seamless if available, otherwise ERW linepipe. Mill test pressure is 1870 psig.

The relationship of the production equipment on the well location is shown on Attachment No. 2. Attachment No. 1 also shows approximate locations of drip pots.

The line which will be tied into with a line from RBU 11-15F will carry 2 MMCFD.

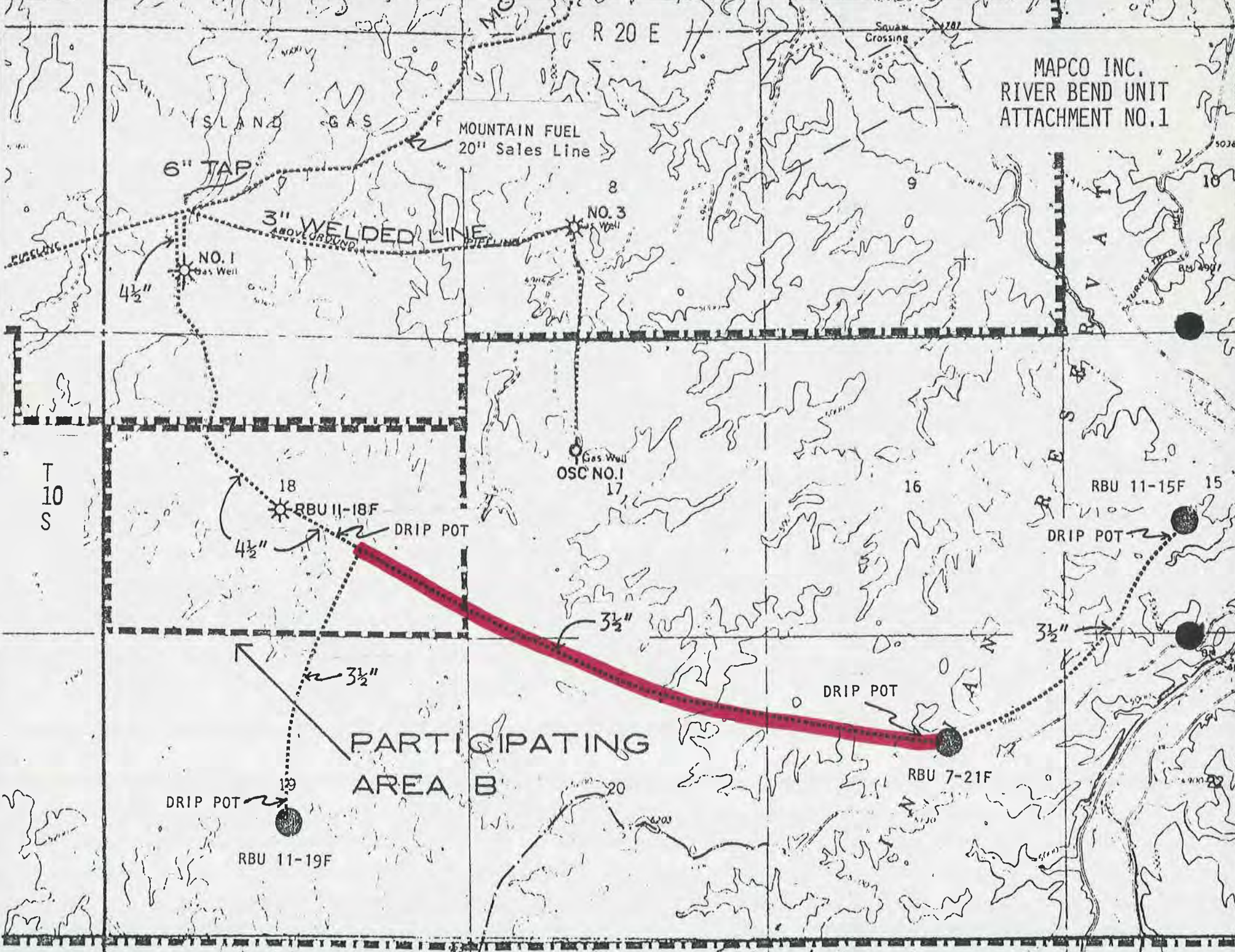
APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: 10/23/78
BY: C. B. Feight

18. I hereby certify that the foregoing is true and correct
SIGNED: J. Hollinsan
TITLE: Manager of Operations, Northern District
DATE: 10-16-78

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

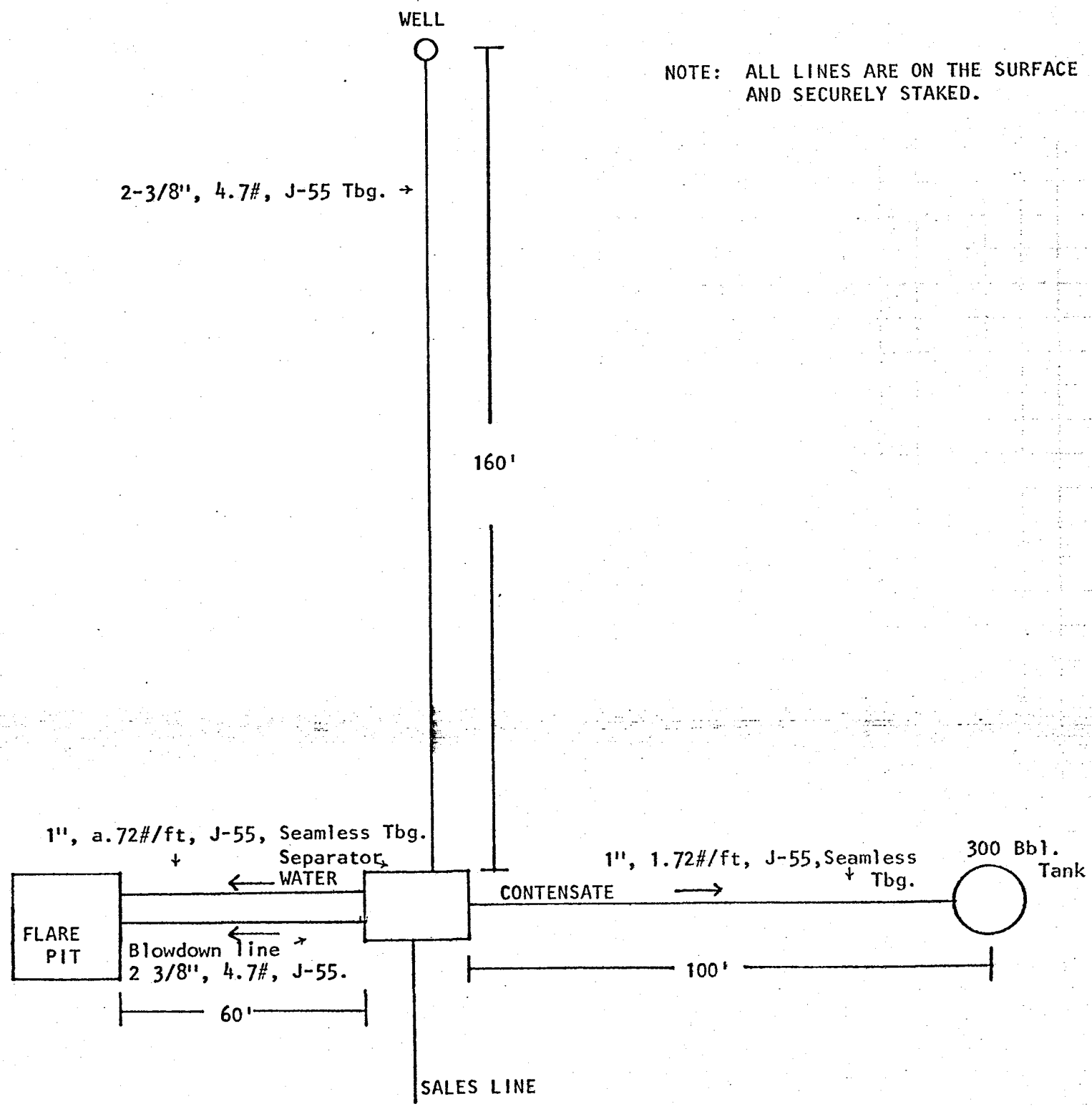
*See Instructions on Reverse Side


MAPCO INC.
RIVER BEND UNIT
ATTACHMENT NO.1
R 20 E
T 10 S
ISLAND GAS
MOUNTAIN FUEL
20" Sales Line
6" TAP
3" WELDED LINE
ABOVEGROUND PIPELINE
NO. 1
Gas Well
4½"
NO. 3
Gas Well
8
9
10
Squaw Crossing
Gas Well
OSC NO.1
17
16
15
18
RBU 11-18F
DRIP POT
4½"
RBU 11-15F
DRIP POT
3½"
3½"
3½"
DRIP POT
PARTICIPATING
AREA B
RBU 7-21F
19
20
DRIP POT
RBU 11-19F

Subject: RIVER BEND UNIT No. 7-21F
SW NE Section 21, T. 10 S., R. 20 E.
UINTAH COUNTY, UTAH

Date 10-16-78
Sheet of
By GLE

ATTACHMENT NO. 2



Form 9-331 a
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

# 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.)

5. LEASE DESIGNATION AND SERIAL NO.: U-013793-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [ ] GAS WELL [X] OTHER

7. UNIT AGREEMENT NAME: River Bend #14-08-0001-16385

2. NAME OF OPERATOR: MAPCO Inc.

8. FARM OR LEASE NAME:

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

9. WELL NO.: RBU 7-21F

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1716' FNL & 2038' FEL, SW NE Section 21,

10. FIELD AND POOL, OR WILDCAT: River Bend

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 21, T. 10 S., R. 20 E.

14. PERMIT NO.: 43-047-30374

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5097' 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: | | | | SUBSEQUENT REPORT OF: | | | |
|---|---|---|---|---|---|---|---|
| TEST WATER SHUT-OFF | | PULL OR ALTER CASING | | WATER SHUT-OFF | | REPAIRING WELL | |
| FRACTURE TREAT | X | MULTIPLE COMPLETE | | FRACTURE TREATMENT | | ALTERING CASING | |
| SHOOT OR ACIDIZE | | ABANDON* | | SHOOTING OR ACIDIZING | | ABANDONMENT* | |
| REPAIR WELL | | CHANGE PLANS | | (Other) | | | |
| (Other) | | | | | | | |

(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.)*

The RBU No. 7-21F has been completed in the Uteland Buttes member of the Wasatch as described in the attached completion report. This work proposed would include setting a bridge plug above the present completed intervals and perforating and fracture treating the Chapita Wells interval of the Wasatch as described in Attachment 1A and 1B.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: Nov. 13, 1978
BY: P. L. Driscoll

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

SIGNED [signature] TITLE Reservoir and Production Engineer DATE November 9, 1978

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

River Bend Unit 7-21F
SW NE Section 21, T 10 S., R. 20 E.
Uintah County, Utah

(1) RU workover unit. Nipple up and pressure test BOP's.

(2) POOH with 2-3/8" tubing. Lay down 47 joints.

(3) RU Dresser. Set Halco EZ drill BP at 6600'±. RIH with 3½" casing gun and perforate the following intervals with 0.31"± holes.

| | CBL Depth | FDC-CNL Depth | | CBL Depth | FDC-CNL Depth |
|---|---|---|---|---|---|
| (1) | 6053 | 6055 | (11) | 5460 | 5466 |
| (2) | 6037 | 6039 | (12) | 5458 | 5464 |
| (3) | 6030 | 6031 | (13) | 5450 | 5456 |
| (4) | 6021 | 6022 | (14) | 5446 | 5452 |
| (5) | 5998 | 6000 | (15) | 5444 | 5450 |
| (6) | 5884 | 5888 | (16) | 5440 | 5446 |
| (7) | 5881 | 5886 | (17) | 5322 | 5328 |
| (8) | 5877 | 5880 | (18) | 5320 | 5326 |
| (9) | 5873 | 5876 | (19) | 5318 | 5324 |
| (10) | 5869 | 5872 | | | |

total # holes = 19
RD Dresser.

(4) RIH with 2-3/8" tubing with ballwiper shoe on bottom to 5100'±. Hang off tubing with tubing sub which is large enough to present the tubing from coming through the BOP's when we do the breakdown. As an added measure of safety, chain off tubing.

(5) RU Halco, break down perfs down tubing with acid and frac balls as per attached detail. Blow well to pit to surge frac balls off perfs and to release well head pressure.

(6) RIH with tubing to 6100'± to knock any remaining frac balls off perfs with ball wiper shoe.

(7) Pull up tubing to 5100'±. Hang off tubing in well head. Be sure that either an extended hanger and/or a rubberized blast joint is used to prevent damage to the tubing during the frac operation. RD WO unit.

(8) Nipple up Halco. Frac well as per attached detail. RD Halco.

(9) RU GO wireline. Run static temperature surveys from 6400' to bottom of tubing at 5100'± as soon after the frac job as possible to evaluate the treatment. The number of static temperature log runs to be determined by rate of temperature change noted in first two runs which should be about 1 hour apart. Leave well shut in over night.

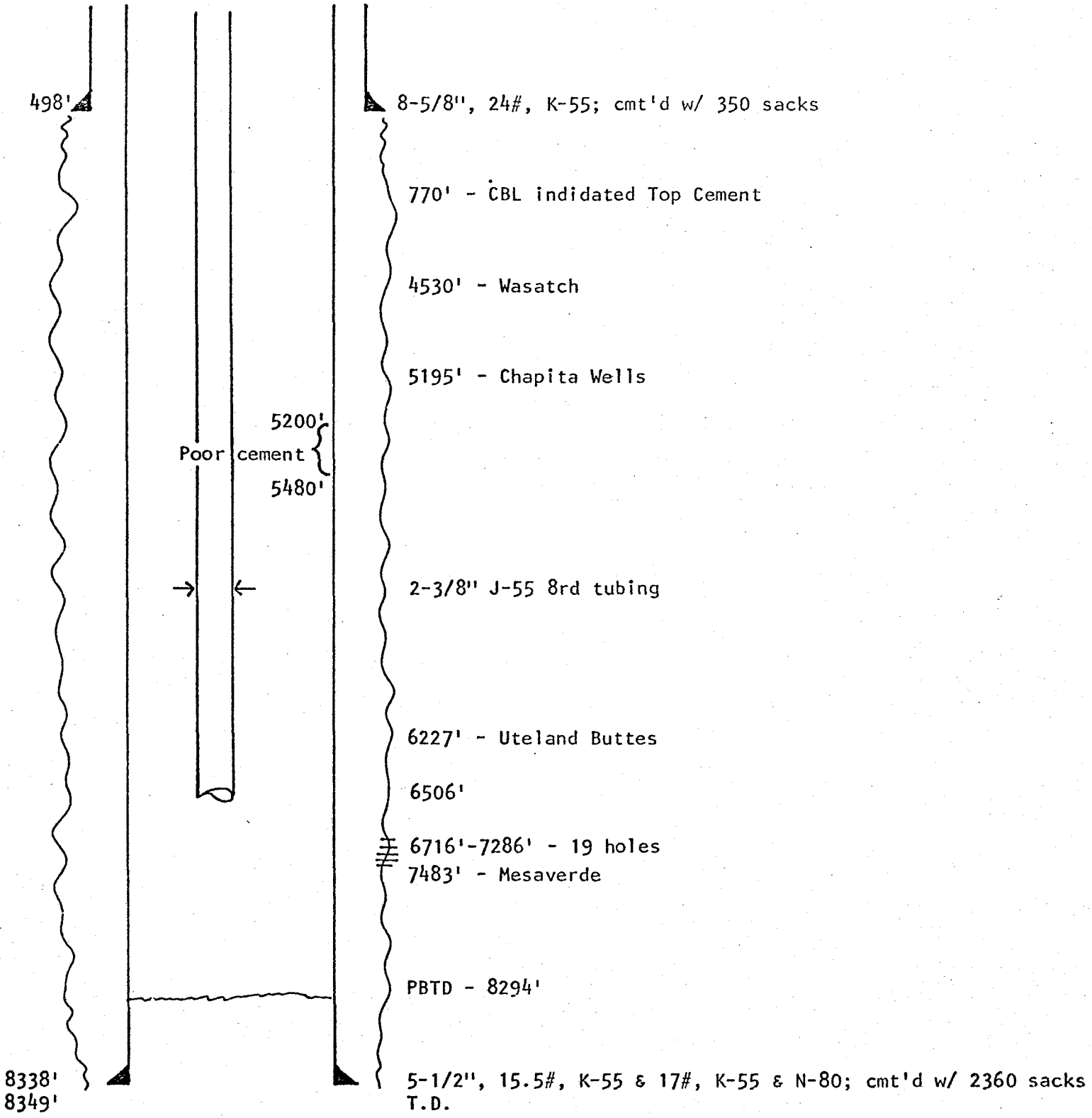
(10) Run final static temp. log first thing in morning. RD GO

(11) Begin flowing well back to pit on a small choke (probably 6, 8, 10) to clean up sand ladden fluid and to recover in the choke any frac balls which might come to the surface. Record tubing and casing pressure, choke size, and description of fluid recovered and cumulative # of frac balls removed from choke.

Attachment 1B

RIVER BEND UNIT #7-21F
SW NE Section 21, T. 10 S., R. 20 E.
Uintah County, Utah

Elevation = 5097' Ungraded ground




JJB
11-9-78

Form 9-330
(Rev. 5-63)

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.

# 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 Inc.

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

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 1716' FNL & 2038' FEL
At top prod. interval reported below: Same
At total depth: Same

5. LEASE DESIGNATION AND SERIAL NO.: U-013793-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: River Bend Unit

8. FARM OR LEASE NAME:

9. WELL NO.: RBU 7-21F

10. FIELD AND POOL, OR WILDCAT: River Bend

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Section 21, T. 10 S., R. 20 E.

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

14. PERMIT NO.: 43-047-30376 DATE ISSUED: 3-10-78

15. DATE SPUDDED: 7-19-78
16. DATE T.D. REACHED: 8-12-78
17. DATE COMPL. (*Ready to prod.*): 10-26-78
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*: 5079 GR
19. ELEV. CASINGHEAD:
20. TOTAL DEPTH, MD & TVD: 8349
21. PLUG, BACK T.D., MD & TVD: 8294
22. IF MULTIPLE COMPL., HOW MANY*:
23. INTERVALS DRILLED BY: → ROTARY TOOLS: X CABLE TOOLS:

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: Wasatch - 6716' - 7286'

25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: CNL-FDC, DLL-GR

27. WAS WELL CORED: No

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

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|---|---|---|---|---|---|
| 8 5/8" | 24 | 498 | 12 1/2" | 350 Sacks "G" | None |
| 5 1/2" | 15.5 & 17 | 8338 | 7 7/8" | 2360 Sacks RFC & 50-50Pox | None |

29. LINER RECORD

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

30. TUBING RECORD

| SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|---|---|---|
| | | |

31. PERFORATION RECORD (*Interval, size and number*)
6716, 6741, 6745, 6753, 6757, 6760, 6759, 6894, 6896, 6898, 7070, 7072, 7282, 7284, 7078, 7080, 6908, 6912, 6916, @ 1 shot each for a total of 19 (.38") holes

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---|---|
| Wasatch | 2000 gals 15% HCl |
| 6716-7284 | 79,000 Gals gelled wtr and |
| | 130,000# 20/40 sand |

* 33.* PRODUCTION

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

| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD → | OIL—BBL. | GAS—MCF. | WATER—BBL. | GAS-OIL RATIO |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

| 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 James J. Denner TITLE Reservoir and Production Engineer DATE November 9, 1978

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

*33. Swabbing back frac fluid and gas TSTM.

SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
*Executive Director,*
*NATURAL RESOURCES*

CLEON B. FEIGHT
*Director*

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

OIL, GAS, AND MINING BOARD

I. DANIEL STEWART
*Chairman*

CHARLES R. HENDERSON
JOHN L. BELL
THADIS W. BOX
C. RAY JUVELIN

November 14, 1978

Mapco, Inc.
Suite 320 Plaza West
1537 Ave. D.
Billings, Montana 59102

Re: Well No. RBU 7-21F
Sec. 21, T. 10S, R. 20E,
Uintah County, Utah
PRODUCTION DATA; #33 & #34

Gentlemen:

We are in receipt of your "Well Completion or Recompletion Report and Log"for the above mentioned well. However, upon checking the information listed, we note that the above information was omitted from this report.

Please submit to this office the infomation needed as soon as possible.

Thank you for your cooperation in this matter.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Kathy Avila

KATHY AVILA
RECORDS CLERK

mapco INC.

PRODUCTION DIVISION - NORTHERN DISTRICT

November 22, 1978

RECEIVED
NOV 27 1978
DIVISION OF
GAS, & MINING

State of Utah
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Kathy Avila, Records Clerk

RE: Well No. RBU 7-21F
Sec. 21, T. 20 S., R. 20 E.
Uintah County, Utah
PRODUCTION DATA: #33 & #34

Gentlemen:

In answer to your letter of November 14th, regarding the reference well "Well Completion or Recompletion Report and Log", the production data was omitted as there has not been any production from this well, and a revised report will be submitted when the necessary informations is available.

Very truly yours,

MAPCO Inc.

James J. Benner

James J. Benner
Reservoir and Production
Engineer

JJB/jv

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See instructions on reverse side)

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

# WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

Revised Report

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

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

2. NAME OF OPERATOR: MAPCO Inc.

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

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 1716' FNL & 2038' FEL
At top prod. interval reported below
At total depth: Same

5. LEASE DESIGNATION AND SERIAL NO.: U-013793-A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME: River Bend Unit
8. FARM OR LEASE NAME:
9. WELL NO.: RBU 7-21F
10. FIELD AND POOL, OR WILDCAT: River Bend
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Section 21 T. 10 S., R. 20 E.

| 14. PERMIT NO. | DATE ISSUED | 12. COUNTY OR PARISH | 13. STATE |
|---|---|---|---|
| 43-047-30374 | 3-10-78 | Uintah | Utah |

| 15. DATE SPUDDED | 16. DATE T.D. REACHED | 17. DATE COMPL. (*Ready to prod.*) | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* | 19. ELEV. CASINGHEAD |
|---|---|---|---|---|
| 7-19-78 | 8-12-78 | 11-22-78 | 5079 GR | |

| 20. TOTAL DEPTH, MD & TVD | 21. PLUG, BACK T.D., MD & TVD | 22. IF MULTIPLE COMPL., HOW MANY* | 23. INTERVALS DRILLED BY | ROTARY TOOLS | CABLE TOOLS |
|---|---|---|---|---|---|
| 8349' | 6600' | | → | | |

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 5322'-6053' Wasatch

25. WAS DIRECTIONAL SURVEY MADE: YES

26. TYPE ELECTRIC AND OTHER LOGS RUN: CNL - FDL - DLL - GR

27. WAS WELL CORED: NO

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

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|---|---|---|---|---|---|
| 8-5/8" | 24# | 498 | 12-1/2" | 350 Sacks "G" | None |
| 5-1/2" | 15.5 & 17# | 8338 | 7-7/8" | 2360 Sacks RFC & 50-50 Poz | None |

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" | 5118 | None |

31. PERFORATION RECORD (*Interval, size and number*): 5322'-6053' (21 holes)

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---|---|
| 5322'-6053' | 2500 gals 15% HCl |
| | 98000 gals gelled water |
| | 158000 #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*) |
|---|---|---|
| 12-6-78 | Flowing | Shut-In |

| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF. | WATER—BBL. | GAS-OIL RATIO |
|---|---|---|---|---|---|---|---|
| 12-14-78 | 24 | 15 | → | 0 | 662 | 0 | NA |

| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL. | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) |
|---|---|---|---|---|---|---|
| 1000 | - - | → | 0 | 662 | 0 | NA |

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

TEST WITNESSED BY: Darwin Kulland

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: [signature] TITLE: Reservoir and Production Engineer DATE: January 19, 1979

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

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. |
|---|---|---|---|
| | | | |

38. GEOLOGIC MARKERS

| NAME | TOP MEAS. DEPTH | TOP TRUE VERT. DEPTH |
|---|---|---|
| Wasatch | 4530' | 4530' |
| Chapita Wells | 5195' | 5195' |
| Uteland Buttes | 6227' | 6227' |
| Mesa Verde | 7483' | 7483' |

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
U-013793-A

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 [X] OTHER

7. UNIT AGREEMENT NAME
River Bend
#14-08-0001-16385

2. NAME OF OPERATOR
MAPCO Inc.

8. FARM OR LEASE NAME

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

9. WELL NO.
RBU 7-21F

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1716' FNL & 2038' FEL
SW NE Section 21,

10. FIELD AND POOL, OR WILDCAT
River Bend

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 21
T. 10 S., R. 20 E.

14. PERMIT NO.
43-047-30374

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5097' GL

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

JAN 24 1979
DIVISION
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 | [ ] | PULL OR ALTER CASING | [ ] | WATER SHUT-OFF | [ ] | REPAIRING WELL | [ ] |
| FRACTURE TREAT | [ ] | MULTIPLE COMPLETE | [ ] | FRACTURE TREATMENT | [X] | ALTERING CASING | [ ] |
| SHOOT OR ACIDIZE | [ ] | ABANDON* | [ ] | SHOOTING OR ACIDIZING | [ ] | ABANDONMENT* | [ ] |
| REPAIR WELL | [ ] | CHANGE PLANS | [ ] | (Other) | | | |
| (Other) | | | | | | | |

(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.) *

11-20-78: RUWO unit. Removed wellhead and installed BOP's.
POOH with 2-3/8" tubing, set Halliburton EZ drill BP at 6600'.
11-21-78: Dresser Atlas perf'd Wasatch from 5322' to 6053' with 21 holes.
Ran 2-3/8" tubing to 5118'.
11-22-78: Halliburton frac'd Wasatch perfs from 5322' to 6053' with 2500 gals of 15% HCl, 98,000 gals of gelled water, and 158000 #'s 10-20 Sand.
Released WO Unit.
11-23-78: Well Shut-in.
11-24-78: Began flowing well back to pit to clean up frac fluid.
12-14-78: Tested well thru 3 phase seperation equipment to pit at the rate of 662 MCFD.
12-18-78: Shut well in waiting on gas sales contract.

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

SIGNED [signature] TITLE Reservoir and Production Engineer DATE January 22, 1979

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

# 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.)

5. LEASE DESIGNATION AND SERIAL NO.: U-013793-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [ ] GAS WELL [X] OTHER

7. UNIT AGREEMENT NAME: River Bend #14-08-0001-16385

2. NAME OF OPERATOR: MAPCO Inc.

8. FARM OR LEASE NAME:

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

9. WELL NO.: RBU 7-21F

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1716' FNL & 2038' FEL, SW NE Section 21,

10. FIELD AND POOL, OR WILDCAT: River Bend

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 21 T. 10 S., R. 20 E.

14. PERMIT NO.: 43-047-30374

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5097' 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 | [ ] | PULL OR ALTER CASING | [ ] |
| FRACTURE TREAT | [ ] | MULTIPLE COMPLETE | [ ] |
| SHOOT OR ACIDIZE | [ ] | ABANDON* | [ ] |
| REPAIR WELL | [ ] | CHANGE PLANS | [ ] |
| (Other) Flowline | | | [X] |

SUBSEQUENT REPORT OF:

| | | | |
|---|---|---|---|
| WATER SHUT-OFF | [ ] | REPAIRING WELL | [ ] |
| FRACTURE TREATMENT | [ ] | ALTERING CASING | [ ] |
| SHOOTING OR ACIDIZING | [ ] | ABANDONMENT* | [ ] |
| (Other) | | | |

(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.)*

1. It is proposed that instead of burying the flowline 500' downstream from the production unit as requested that two (2) tie-downs as shown on attachment-2B be installed. This procedure would secure the flowline as well as prevent any unnecessary environmental disturbance.

2. It is also proposed that MAPCO be permitted to wait until the weather is more favorable for digging before burying the flowline from the wellhead to the production unit.

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

SIGNED [signature] TITLE Production and Reservoir Engineer DATE February 27, 1979

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

RIVER BEND UNIT #7-21F

SW[redacted] Section 21, T. 10 S., R. 20 [redacted]

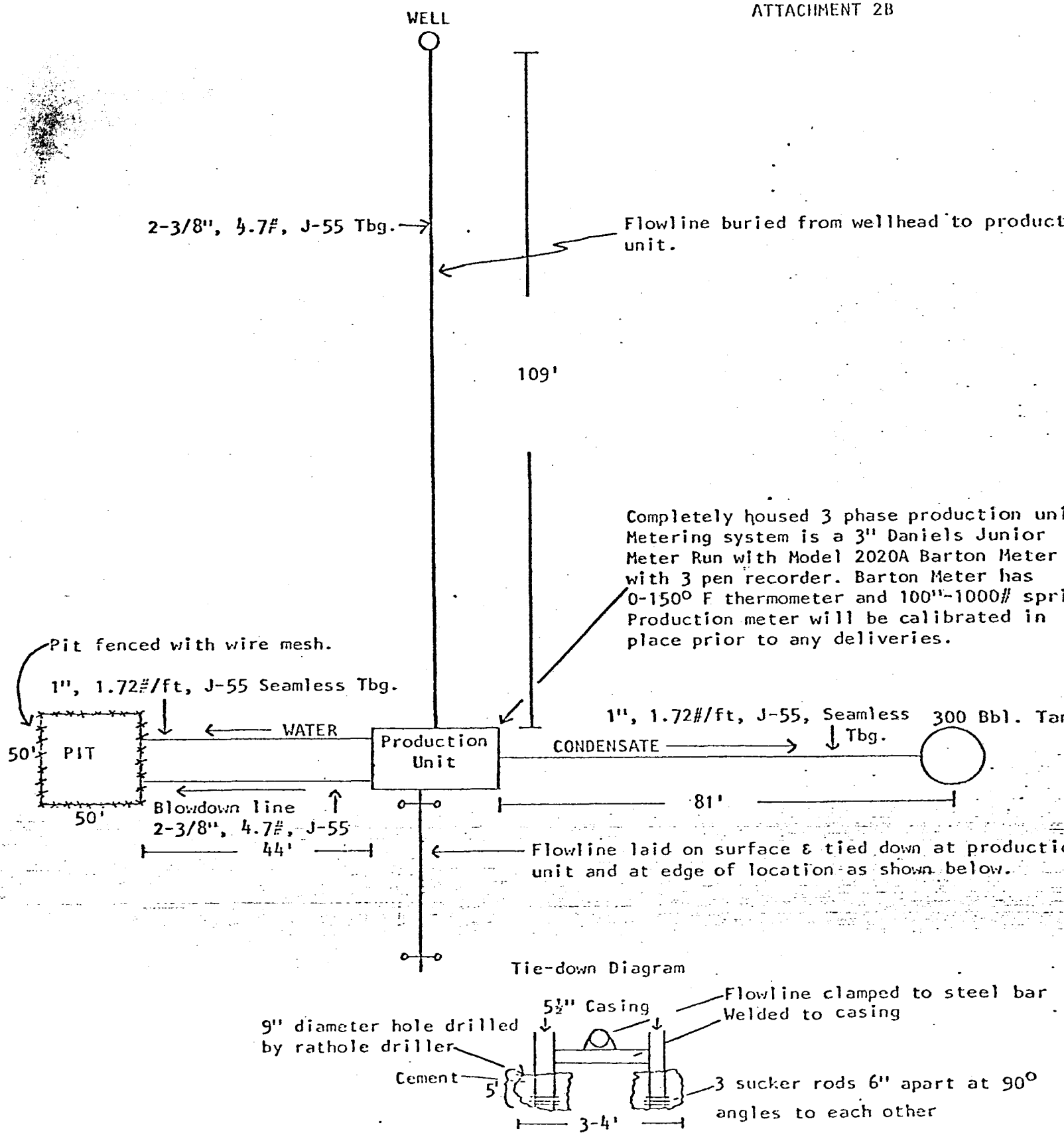
Uintah County, Utah

Date

Sheet of

By

ATTACHMENT 2B



Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

# 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 [X] OTHER

2. NAME OF OPERATOR: MAPCO Inc.

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1716' FNL & 2038' FEL, SW NE Section 21,

5. LEASE DESIGNATION AND SERIAL NO.: U-013793-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: River Bend #14-08-0001-16385

8. FARM OR LEASE NAME:

9. WELL NO.: RBU 7-21F

10. FIELD AND POOL, OR WILDCAT: River Bend

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 21, T. 10 S., R. 20 E.

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

14. PERMIT NO.: 43-047-30374

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5097' GL

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

| NOTICE OF INTENTION TO: | | | | SUBSEQUENT REPORT OF: | | | |
|---|---|---|---|---|---|---|---|
| TEST WATER SHUT-OFF | [ ] | PULL OR ALTER CASING | [ ] | WATER SHUT-OFF | [ ] | REPAIRING WELL | [ ] |
| FRACTURE TREAT | [ ] | MULTIPLE COMPLETE | [ ] | FRACTURE TREATMENT | [ ] | ALTERING CASING | [ ] |
| SHOOT OR ACIDIZE | [ ] | ABANDON* | [ ] | SHOOTING OR ACIDIZING | [ ] | ABANDONMENT* | [ ] |
| REPAIR WELL | [ ] | CHANGE PLANS | [ ] | (Other) Flowline | | | [X] |
| (Other) | | | [ ] | | | | |

(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.)*

Laid flowline as shown on attachment #1. For a description of the flowline please see attached cover letter to E. W. Guynn dated 2-27-79. Attachment 2B shows the location of wellhead with respect to the surface installations.

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

SIGNED [signature] TITLE Production and Reservoir Engineer DATE February 27, 1979

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

# 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.)

5. LEASE DESIGNATION AND SERIAL NO.: U-013793-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [ ] GAS WELL [X] OTHER

7. UNIT AGREEMENT NAME: River Bend Unit

2. NAME OF OPERATOR: MAPCO PRODUCTION COMPANY

8. FARM OR LEASE NAME:

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

9. WELL NO.: RBU 7-21F

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1716' FNL & 2038' FEL
SW NE Section 21

10. FIELD AND POOL, OR WILDCAT: River Bend

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 21 T. 10 S., R. 20 E.

14. PERMIT NO.: 43-047-30374

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5097' GL

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

WITH (P) files

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

| NOTICE OF INTENTION TO: | | | | SUBSEQUENT REPORT OF: | | | |
|---|---|---|---|---|---|---|---|
| TEST WATER SHUT-OFF | | PULL OR ALTER CASING | | WATER SHUT-OFF | | REPAIRING WELL | |
| FRACTURE TREAT | X | MULTIPLE COMPLETE | | FRACTURE TREATMENT | | ALTERING CASING | |
| SHOOT OR ACIDIZE | X | ABANDON* | | SHOOTING OR ACIDIZING | | ABANDONMENT* | |
| REPAIR WELL | | CHANGE PLANS | | (Other) | | | |
| (Other) Mesaverde Stim. | | | | | | | |

(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.)*

ESTIMATED STARTING DATE: 6-4-79.

1. MIRU workover unit. Kill well with 2% Kcl water and install 1500 series BOP's (6" - 5000 psig working pressure, 10000 psig test). BOP's to be operated daily.
2. POOH with 2-3/8" tubing.
3. Perforate Mesaverde sands from 7550' to 8349'± with 20± holes.
4. RIH with 2-7/8" tubing and packer to 7500'±. Set packer.
5. RU treating company and pressure test surface lines to 7000 psig.
6. Breakdown perfs with 2000 gals of 7-1/2% Hcl and ball sealers.
7. RIH with tubing, packer and ball wiper shoe to below bottom perfs. POOH and set packer at 7500'±. Install wellhead.
8. RD and release workover unit.
9. Frac Mesaverde perfs from 7550' - 8349'± with 70000 gals of gelled water and 100000#'s of 20/40 sand. Maximum anticipated treating pressure 6000 psig.
10. Flow well to pit to clean up frac fluid.
11. Test well through 3 phase production unit with Barton meter.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: 5-1-79
BY: M. J. Minder

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

SIGNED James J. Benner TITLE Regional Engineer DATE April 17, 1979

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

# 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.)

5. LEASE DESIGNATION AND SERIAL NO.: U-013793-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [ ] GAS WELL [X] OTHER

7. UNIT AGREEMENT NAME: River Bend #14-08-0001-16035

2. NAME OF OPERATOR: MAPCO PRODUCTION COMPANY

8. FARM OR LEASE NAME:

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

9. WELL NO.: RBU 7-21F

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1716' FNL & 2038' FEL, SW NE Section 21,

10. FIELD AND POOL, OR WILDCAT: River Bend

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 21, T. 10 S., R. 20 E.

14. PERMIT NO.: 43-047-30374

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5097' 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: | | | | SUBSEQUENT REPORT OF: | | | |
|---|---|---|---|---|---|---|---|
| TEST WATER SHUT-OFF | | PULL OR ALTER CASING | | WATER SHUT-OFF | | REPAIRING WELL | |
| FRACTURE TREAT | X | MULTIPLE COMPLETE | | FRACTURE TREATMENT | | ALTERING CASING | |
| SHOOT OR ACIDIZE | X | ABANDON* | | SHOOTING OR ACIDIZING | | ABANDONMENT* | |
| REPAIR WELL | | CHANGE PLANS | | (Other) | | | |
| (Other) WASATCH COMPLETION | | | | (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.)*

JOB #1

ESTIMATED STARTING DATE: July 12, 1979

1. MIRU workover unit. Kill well with 2% Kcl water and install 1500 series BOP's (6" -5000 psig working pressure, 10,000 psig test). BOP's to be operated daily.
2. POOH with 2-3/8" tubing.
3. RIH and set BP at 6700'±.
4. Perforate the following intervals of the Wasatch: Uteland Buttes from 6521-6226' with 6 holes; and the upper Wasatch from 4758-4746' with 4 holes.
5. RIH with 2-7/8" tubing and packer, set packer at 6200'±.
6. RU treating company and pressure test surface lines to 7000± psig.
7. Treat Uteland Buttes perfs from 6521-6226' with 80,000 gals of gelled water and 120,000 #'s of 20/40 sand. Treating pressure anticipated to be 5500± psig.
8. Release packer. RIH and retrieve BP. PU and set BP at 5000'±. PU and set packer at 4500'±.
9. Treat Upper Wasatch perfs from 7538-4746' with 45,000 gals of gelled water and 60,000 #'s of 10/20. Treating pressure anticipated to be 5500± psig.
10. RIH and retrieve BP, POOH with tubing, packer and BP. RIH with tubing to 4500'±. Install wellhead. RD workover unit.
11. Flow well to pit to clean up frac fluid..
12. Return well to production.

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

SIGNED James F. Benson TITLE Regional Engineer DATE May 7, 1979

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: _____

BY: P. L. Driscoll/KA

*See Instructions on Reverse Side

Form 9-330
(Rev. 5-63)

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.

# 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

3. ADDRESS OF OPERATOR: 1643 LEWIS AVE, SUITE 202 ALPINE EXECUTIVE CENTER BILLINGS, MONTANA 59102

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 1716' FNL & 2038' FEL, Sec. 21, T. 10 S., R. 20 E.
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.: U-013793-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: 14-08-0001-16035 River Bend Unit

8. FARM OR LEASE NAME:

9. WELL NO.: River Bend Unit 7-21F

10. FIELD AND POOL, OR WILDCAT: River Bend

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 21, T. 10 S., R. 20 E.

14. PERMIT NO.: 43-047-30374 | DATE ISSUED: 3-10-78

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

15. DATE SPUDDED: 7-19-78 | 16. DATE T.D. REACHED: 8-12-78 | 17. DATE COMPL. (*Ready to prod.*) | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*: 5079' GR | 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD: 8349' | 21. PLUG, BACK T.D., MD & TVD | 22. IF MULTIPLE COMPL., HOW MANY*: 2 | 23. INTERVALS DRILLED BY → | ROTARY TOOLS: Rotary | CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 7955'-8199' Mesaverde

25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: CNL-FDL-DLL-GR

27. WAS WELL CORED: No

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

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|---|---|---|---|---|---|
| 8-5/8" | 24# | 498' | 12-1/" | 350 sacks class "G" | none |
| 5-1/2" | 15.5# & 17# | 8338' | 7-7/8" | 2360 sacks RFC & 50-50 poz | none |

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" | 5118' | |

31. PERFORATION RECORD (*Interval, size and number*)

SEE ATTACHMENT

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---|---|
| | |

33.* PRODUCTION

DATE FIRST PRODUCTION: 2-23-79 | PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*): Flowing | WELL STATUS (*Producing or shut-in*): Producing

| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD → | OIL—BBL. | GAS—MCF. | WATER—BBL. | GAS-OIL RATIO |
|---|---|---|---|---|---|---|---|
| 9-5-79 | 24 | 13/64" | | 0 | 918 | TSTM | NA |

| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE → | OIL—BBL. | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) |
|---|---|---|---|---|---|---|
| 900 psi | 900 psi | | 0 | 918 | TSTM | NA |

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

TEST WITNESSED BY: Darwin Kulland

35. LIST OF ATTACHMENTS: 1 - Perforation Record

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 1-23-80

RECEIVED FEB 14 1980 DIVISION OF OIL, GAS & MINING

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

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. |
|---|---|---|---|
| | | | |

38. GEOLOGIC MARKERS

| NAME | TOP MEAS. DEPTH | TOP TRUE VERT. DEPTH |
|---|---|---|
| Wasatch | 4538' | |
| Chapita Wells | 5195' | |
| Uteland Buttes | 6227' | |
| Mesaverde | 7483' | |

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636
837-497

RIVER BEND UNIT NO. 7-21F
MAPCO PRODUCTION COMPANY
COMPLETION REPORT
ATTACHMENT

| PERFORATION RECORD | | | ACID, SHOT, FRACTURE, CEMENT SQUEEZE |
|---|---|---|---|
| INTERVAL AND DEPTH | SIZE | NO. | AMOUNT AND KIND OF MATERIAL USED |
| 7284, 7282, 7070, 7072, 6898, 6896, 6894, 6761, 7078, 7080, 6760, 6759, 6757, 6753, 6908, 6912, 6916, 6745, 6741. Uteland Buttes | | 20 | 2000 gals 15% HCl, 79,000 gal gelled $H_2O$, 130,000# sand. |
| 6053, 6037, 6021, 5998, 5881, 5884, 5869, 5873, 5877, 5450, 5458, 5460, 5440, 5444, 5446, 5318, 5320, 5322, 5440, 5444, 5446. Chapita Wells | | 21 | 2000 gals 15% HCl, 500 gals NE acid, 92,000 gals Versagel (gelled $H_2O$), 158,000# 20-40 sand. |
| 8199, 8196, 8192, 8183, 8181, 8176, 8166, 8164, 8162, 8121, 8118, 8116, 8111, 8110, 7975, 7969, 7962, 7958, 7955. Mesaverde | | 20 | 2000 gals 15% HCl, 110 BBLS 2% KCl, 97,000 gals YF5PSD, 150,000# 20-40 sand. |

9-331
1973

Form Approved.
Budget Bureau No. 42-R1424

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: SW NE 1716' FNL & 2038' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE: U-013793-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: River Bend Unit

8. FARM OR LEASE NAME:

9. WELL NO.: 7-21F

10. FIELD OR WILDCAT NAME: River Bend

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 21
T. 10 S., R. 20 E.

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

14. API NO.: 43-047-30374

15. ELEVATIONS (SHOW DF, KDB, AND WD): 5097' GL

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

| REQUEST FOR APPROVAL TO: | | SUBSEQUENT REPORT OF: |
|---|---|---|
| TEST WATER SHUT-OFF | ☐ | ☐ |
| FRACTURE TREAT | ☐ | ☒ |
| SHOOT OR ACIDIZE | ☐ | ☒ |
| REPAIR WELL | ☐ | ☐ |
| PULL OR ALTER CASING | ☐ | ☐ |
| MULTIPLE COMPLETE | ☐ | ☐ |
| CHANGE ZONES | ☐ | ☐ |
| ABANDON* | ☐ | ☐ |
| (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.)*

SEE ATTACHED REPORT

RECEIVED
FEB 14 1980
DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Richard Baumann TITLE Engineering Tech. DATE 2-12-80
Richard Baumann

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7217. | 4.8 | 56. | 38. | 0.1 | 0.02 |
| 7218. | 2.4 | 91. | 38. | 0.1 | 0.03 |
| 7219. | 2.8 | 100. | 24. | 0.1 | 0.03 |
| 7220. | 5.2 | 100. | 15. | 0.1 | 0.03 |
| 7221. | 7.0 | 51. | 34. | 0.2 | 0.05 |
| 7222. | 4.0 | 100. | 48. | 0.1 | 0.00 |
| 7224. | 3.4 | 100. | 43. | 0.1 | 0.00 |
| 7225. | 6.3 | 98. | 23. | 0.1 | 0.00 |
| 7226. | 10.4 | 100. | 21. | 1.1 | 0.00 |
| 7230. | 2.1 | 100. | 26. | 0.1 | 0.00 |
| 7231. | 4.6 | 100. | 24. | 0.1 | 0.00 |
| 7237. | 4.5 | 100. | 48. | 0.1 | 0.00 |
| 7241. | 7.2 | 100. | 29. | 0.2 | 0.00 |
| 7242. | 8.2 | 100. | 28. | 0.4 | 0.00 |
| 7243. | 7.1 | 100. | 40. | 0.2 | 0.00 |
| 7244. | 7.7 | 100. | 36. | 0.3 | 0.00 |
| 7245. | 9.1 | 100. | 27. | 0.6 | 0.00 |
| 7246. | 4.7 | 100. | 42. | 0.1 | 0.00 |
| 7247. | 6.8 | 100. | 32. | 0.2 | 0.00 |
| 7248. | 8.4 | 100. | 28. | 0.4 | 0.00 |
| 7249. | 7.4 | 100. | 37. | 0.3 | 0.00 |
| 7252. | 9.2 | 100. | 32. | 0.6 | 0.00 |
| 7253. | 7.3 | 100. | 37. | 0.2 | 0.00 |
| 7254. | 10.0 | 100. | 27. | 1.0 | 0.00 |
| 7255. | 9.1 | 100. | 33. | 0.6 | 0.00 |
| 7256. | 7.7 | 100. | 40. | 0.3 | 0.00 |
| 7257. | 4.3 | 100. | 47. | 0.1 | 0.00 |
| 7258. | 0.3 | 100. | 49. | 0.1 | 0.00 |
| 7259. | 7.2 | 97. | 9. | 0.2 | 0.00 |
| 7260. | 6.5 | 86. | 6. | 0.1 | 0.01 |
| 7261. | 5.4 | 100. | 10. | 0.1 | 0.01 |
| 7262. | 4.6 | 100. | 16. | 0.1 | 0.01 |
| 7263. | 4.6 | 57. | 24. | 0.1 | 0.02 |
| 7264. | 6.7 | 100. | 37. | 0.2 | 0.03 |
| 7266. | 6.8 | 100. | 37. | 0.2 | 0.00 |
| 7267. | 6.7 | 100. | 32. | 0.2 | 0.00 |
| 7268. | 8.4 | 91. | 17. | 0.4 | 0.00 |
| 7269. | 7.4 | 60. | 19. | 0.3 | 0.03 |
| 7270. | 4.2 | 100. | 24. | 0.1 | 0.04 |
| 7271. | 3.8 | 100. | 18. | 0.1 | 0.04 |
| 7272. | 4.0 | 60. | 18. | 0.1 | 0.05 |
| 7273. | 5.9 | 93. | 12. | 0.1 | 0.07 |
| 7274. | 4.4 | 100. | 17. | 0.1 | 0.07 |

DECSEPA Inc

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7275. | 4.1 | 100. | 18. | 0.1 | 0.07 |
| 7276. | 2.8 | 100. | 20. | 0.1 | 0.07 |
| 7277. | 3.5 | 91. | 13. | 0.1 | 0.07 |
| 7278. | 2.1 | 99. | 18. | 0.1 | 0.07 |
| 7279. | 2.7 | 81. | 12. | 0.1 | 0.08 |
| 7280. | 4.1 | 59. | 6. | 0.1 | 0.09 |
| 7281. | 3.8 | 61. | 5. | 0.1 | 0.10 |
| 7282. | 4.7 | 56. | 2. | 0.1 | 0.12 |
| 7283. | 4.9 | 56. | 3. | 0.1 | 0.14 |
| 7284. | 6.0 | 46. | 1. | 0.1 | 0.18 |
| 7285. | 5.3 | 76. | 0. | 0.1 | 0.20 |
| 7286. | 4.1 | 100. | 2. | 0.1 | 0.20 |
| 7287. | 3.4 | 76. | 1. | 0.1 | 0.20 |
| 7288. | 2.7 | 100. | 0. | 0.1 | 0.20 |
| 7289. | 3.8 | 100. | 5. | 0.1 | 0.20 |
| 7290. | 0.1 | 100. | 28. | 0.1 | 0.20 |
| 7291. | 0.1 | 100. | 44. | 0.1 | 0.20 |
| 7292. | 0.1 | 100. | 29. | 0.1 | 0.20 |
| 7293. | 0.1 | 100. | 38. | 0.1 | 0.20 |
| 7294. | 0.1 | 100. | 34. | 0.1 | 0.20 |
| 7295. | 0.1 | 100. | 27. | 0.1 | 0.20 |
| 7296. | 0.1 | 100. | 35. | 0.1 | 0.20 |
| 7297. | 1.4 | 100. | 32. | 0.1 | 0.20 |
| 7298. | 2.9 | 100. | 29. | 0.1 | 0.20 |
| 7299. | 3.4 | 100. | 29. | 0.1 | 0.20 |
| 7300. | 3.8 | 100. | 23. | 0.1 | 0.21 |
| 7301. | 1.7 | 100. | 13. | 0.1 | 0.21 |
| 7302. | 1.3 | 100. | 8. | 0.1 | 0.21 |
| 7303. | 0.9 | 100. | 5. | 0.1 | 0.21 |
| 7304. | 0.3 | 100. | 9. | 0.1 | 0.21 |
| 7305. | 1.1 | 100. | 13. | 0.1 | 0.21 |
| 7306. | 1.5 | 100. | 24. | 0.1 | 0.21 |
| 7307. | 0.5 | 100. | 38. | 0.1 | 0.21 |
| 7308. | 2.6 | 100. | 42. | 0.1 | 0.21 |
| 7309. | 7.5 | 100. | 42. | 0.3 | 0.21 |
| 7310. | 8.8 | 100. | 45. | 0.5 | 0.21 |
| 7312. | 5.0 | 100. | 26. | 0.1 | 0.00 |
| 7313. | 1.1 | 100. | 38. | 0.1 | 0.00 |
| 7314. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 7315. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 7316. | 1.2 | 100. | 37. | 0.1 | 0.00 |
| 7317. | 0.9 | 100. | 40. | 0.1 | 0.00 |
| 7318. | 6.7 | 100. | 16. | 0.2 | 0.00 |
| 7319. | 7.7 | 88. | 12. | 0.3 | 0.00 |
| 7320. | 5.0 | 100. | 9. | 0.1 | 0.00 |
| 7321. | 4.7 | 100. | 17. | 0.1 | 0.00 |
| 7322. | 4.8 | 100. | 22. | 0.1 | 0.00 |
| 7323. | 2.8 | 100. | 35. | 0.1 | 0.00 |
| 7324. | 4.1 | 66. | 45. | 0.1 | 0.01 |

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MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7325. | 7.9 | 81. | 38. | 0.3 | 0.03 |
| 7326. | 11.4 | 99. | 28. | 1.7 | 0.03 |
| 7327. | 10.1 | 100. | 26. | 1.0 | 0.04 |
| 7328. | 7.0 | 100. | 32. | 0.2 | 0.04 |
| 7329. | 5.4 | 100. | 30. | 0.1 | 0.04 |
| 7330. | 4.7 | 100. | 29. | 0.1 | 0.04 |
| 7331. | 2.2 | 100. | 39. | 0.1 | 0.04 |
| 7332. | 3.3 | 100. | 32. | 0.1 | 0.04 |
| 7333. | 3.3 | 100. | 33. | 0.1 | 0.04 |
| 7335. | 5.1 | 100. | 32. | 0.1 | 0.00 |
| 7336. | 8.4 | 100. | 17. | 0.4 | 0.00 |
| 7337. | 4.7 | 100. | 29. | 0.1 | 0.01 |
| 7338. | 4.0 | 74. | 40. | 0.1 | 0.02 |
| 7339. | 4.9 | 56. | 42. | 0.1 | 0.03 |
| 7340. | 4.6 | 57. | 40. | 0.1 | 0.07 |
| 7341. | 5.2 | 31. | 28. | 0.1 | 0.10 |
| 7342. | 5.2 | 75. | 7. | 0.1 | 0.12 |
| 7343. | 1.1 | 100. | 15. | 0.1 | 0.12 |
| 7344. | 1.0 | 100. | 18. | 0.1 | 0.12 |
| 7345. | 2.4 | 100. | 10. | 0.1 | 0.12 |
| 7346. | 1.9 | 100. | 5. | 0.1 | 0.12 |
| 7347. | 0.1 | 100. | 18. | 0.1 | 0.12 |
| 7349. | 5.8 | 99. | 40. | 0.1 | 0.00 |
| 7350. | 5.2 | 100. | 40. | 0.1 | 0.00 |
| 7354. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 7355. | 1.4 | 100. | 23. | 0.1 | 0.00 |
| 7358. | 3.0 | 100. | 41. | 0.1 | 0.00 |
| 7359. | 2.1 | 100. | 41. | 0.1 | 0.00 |
| 7362. | 1.8 | 100. | 49. | 0.1 | 0.00 |
| 7363. | 7.2 | 100. | 39. | 0.2 | 0.00 |
| 7364. | 8.8 | 100. | 31. | 0.5 | 0.00 |
| 7365. | 7.0 | 100. | 36. | 0.2 | 0.00 |
| 7366. | 6.6 | 100. | 38. | 0.2 | 0.00 |
| 7367. | 6.9 | 100. | 36. | 0.2 | 0.00 |
| 7368. | 6.3 | 100. | 41. | 0.1 | 0.00 |
| 7369. | 5.6 | 100. | 43. | 0.1 | 0.00 |
| 7370. | 5.7 | 100. | 43. | 0.1 | 0.00 |
| 7373. | 5.8 | 100. | 43. | 0.1 | 0.00 |
| 7374. | 7.0 | 100. | 38. | 0.2 | 0.00 |
| 7376. | 6.5 | 100. | 40. | 0.1 | 0.00 |
| 7377. | 5.2 | 77. | 41. | 0.1 | 0.01 |
| 7378. | 7.1 | 47. | 31. | 0.2 | 0.04 |
| 7379. | 7.9 | 57. | 22. | 0.3 | 0.08 |

DECLASSIFIED

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7380. | 3.8 | 100. | 11. | 0.1 | 0.09 |
| 7381. | 0.1 | 100. | 7. | 0.1 | 0.09 |
| 7382. | 0.1 | 100. | 10. | 0.1 | 0.09 |
| 7383. | 0.1 | 100. | 31. | 0.1 | 0.09 |
| 7384. | 2.2 | 97. | 42. | 0.1 | 0.00 |
| 7385. | 2.4 | 100. | 16. | 0.1 | 0.01 |
| 7386. | 0.1 | 100. | 13. | 0.1 | 0.01 |
| 7387. | 0.1 | 100. | 27. | 0.1 | 0.01 |
| 7388. | 0.1 | 100. | 16. | 0.1 | 0.01 |
| 7389. | 0.1 | 100. | 11. | 0.1 | 0.01 |
| 7390. | 0.1 | 100. | 26. | 0.1 | 0.01 |
| 7391. | 0.1 | 100. | 43. | 0.1 | 0.01 |
| 7394. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 7395. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 7396. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 7398. | 2.3 | 93. | 49. | 0.1 | 0.00 |
| 7399. | 2.9 | 100. | 37. | 0.1 | 0.01 |
| 7400. | 3.5 | 100. | 24. | 0.1 | 0.01 |
| 7401. | 0.1 | 100. | 40. | 0.1 | 0.01 |
| 7406. | 5.3 | 100. | 32. | 0.1 | 0.00 |
| 7407. | 4.6 | 100. | 30. | 0.1 | 0.00 |
| 7408. | 4.0 | 100. | 32. | 0.1 | 0.00 |
| 7409. | 3.2 | 100. | 35. | 0.1 | 0.00 |
| 7410. | 2.4 | 100. | 40. | 0.1 | 0.00 |
| 7411. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 7412. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 7413. | 5.5 | 100. | 29. | 0.1 | 0.00 |
| 7414. | 8.5 | 100. | 15. | 0.5 | 0.00 |
| 7415. | 8.3 | 100. | 17. | 0.4 | 0.00 |
| 7416. | 7.0 | 100. | 24. | 0.2 | 0.00 |
| 7418. | 6.1 | 100. | 27. | 0.1 | 0.00 |
| 7419. | 4.4 | 100. | 34. | 0.1 | 0.00 |
| 7420. | 5.9 | 100. | 27. | 0.1 | 0.00 |
| 7421. | 6.3 | 100. | 24. | 0.1 | 0.00 |
| 7422. | 6.4 | 100. | 26. | 0.1 | 0.00 |
| 7423. | 8.7 | 100. | 21. | 0.5 | 0.00 |
| 7424. | 9.2 | 100. | 26. | 0.7 | 0.00 |
| 7425. | 8.6 | 100. | 20. | 0.5 | 0.00 |
| 7426. | 9.1 | 100. | 21. | 0.6 | 0.00 |
| 7427. | 5.1 | 100. | 24. | 0.1 | 0.00 |
| 7428. | 8.4 | 100. | 26. | 0.4 | 0.00 |
| 7429. | 9.4 | 100. | 30. | 0.7 | 0.00 |
| 7430. | 7.4 | 100. | 30. | 0.3 | 0.00 |
| 7431. | 6.2 | 100. | 21. | 0.1 | 0.00 |
| 7432. | 5.6 | 100. | 17. | 0.1 | 0.00 |
| 7433. | 0.1 | 100. | 42. | 0.1 | 0.00 |

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MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7434. | 5.8 | 100. | 39. | 0.1 | 0.00 |
| 7437. | 3.3 | 100. | 47. | 0.1 | 0.00 |
| 7438. | 5.1 | 100. | 36. | 0.1 | 0.00 |
| 7439. | 5.2 | 56. | 27. | 0.1 | 0.02 |
| 7440. | 0.1 | 100. | 42. | 0.1 | 0.02 |
| 7441. | 1.2 | 100. | 36. | 0.1 | 0.02 |
| 7442. | 3.4 | 81. | 3. | 0.1 | 0.05 |
| 7443. | 2.5 | 100. | 2. | 0.1 | 0.05 |
| 7444. | 0.1 | 100. | 29. | 0.1 | 0.05 |
| 7451. | 7.3 | 66. | 37. | 0.2 | 0.03 |
| 7452. | 3.2 | 100. | 21. | 0.1 | 0.03 |
| 7453. | 3.0 | 100. | 15. | 0.1 | 0.03 |
| 7454. | 0.2 | 100. | 24. | 0.1 | 0.03 |
| 7455. | 0.2 | 100. | 32. | 0.1 | 0.03 |
| 7456. | 1.5 | 100. | 27. | 0.1 | 0.03 |
| 7457. | 0.2 | 100. | 34. | 0.1 | 0.03 |
| 7459. | 6.1 | 92. | 34. | 0.1 | 0.00 |
| 7460. | 2.9 | 100. | 33. | 0.1 | 0.00 |
| 7461. | 4.5 | 100. | 18. | 0.1 | 0.00 |
| 7462. | 1.9 | 100. | 25. | 0.1 | 0.00 |
| 7463. | 0.9 | 100. | 35. | 0.1 | 0.00 |
| 7464. | 2.1 | 100. | 38. | 0.1 | 0.00 |
| 7465. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 7476. | 7.2 | 71. | 35. | 0.2 | 0.03 |
| 7477. | 5.9 | 100. | 22. | 0.1 | 0.03 |
| 7478. | 5.3 | 100. | 22. | 0.1 | 0.03 |
| 7479. | 4.9 | 100. | 31. | 0.1 | 0.03 |
| 7480. | 9.2 | 100. | 21. | 0.6 | 0.03 |
| 7481. | 5.0 | 100. | 26. | 0.1 | 0.04 |
| 7482. | 0.9 | 100. | 28. | 0.1 | 0.04 |
| 7483. | 3.7 | 100. | 5. | 0.1 | 0.04 |
| 7484. | 0.1 | 100. | 47. | 0.1 | 0.04 |
| 7485. | 4.8 | 56. | 46. | 0.1 | 0.01 |
| 7486. | 5.7 | 11. | 43. | 0.1 | 0.06 |
| 7487. | 5.9 | 28. | 32. | 0.1 | 0.09 |
| 7488. | 4.5 | 57. | 30. | 0.1 | 0.11 |
| 7489. | 4.0 | 60. | 25. | 0.1 | 0.13 |
| 7490. | 2.7 | 100. | 23. | 0.1 | 0.13 |
| 7491. | 2.0 | 100. | 35. | 0.1 | 0.13 |
| 7492. | 5.6 | 100. | 29. | 0.1 | 0.13 |
| 7493. | 5.3 | 100. | 38. | 0.1 | 0.13 |
| 7494. | 6.6 | 100. | 29. | 0.2 | 0.13 |
| 7495. | 1.7 | 100. | 42. | 0.1 | 0.13 |
| 7496. | 0.6 | 100. | 46. | 0.1 | 0.13 |
| 7497. | 3.0 | 100. | 44. | 0.1 | 0.13 |

Dresser Atlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7503. | 4.6 | 100. | 31. | 0.1 | 0.01 |
| 7504. | 3.1 | 100. | 16. | 0.1 | 0.01 |
| 7505. | 1.2 | 100. | 20. | 0.1 | 0.01 |
| 7506. | 0.1 | 100. | 45. | 0.1 | 0.01 |
| 7510. | 3.2 | 100. | 38. | 0.1 | 0.00 |
| 7511. | 1.8 | 100. | 41. | 0.1 | 0.00 |
| 7512. | 0.3 | 100. | 41. | 0.1 | 0.00 |
| 7513. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 7514. | 3.1 | 100. | 30. | 0.1 | 0.00 |
| 7515. | 3.4 | 100. | 42. | 0.1 | 0.00 |
| 7516. | 4.4 | 100. | 49. | 0.1 | 0.00 |
| 7521. | 0.1 | 100. | 50. | 0.1 | 0.00 |
| 7522. | 1.0 | 100. | 45. | 0.1 | 0.00 |
| 7525. | 2.2 | 100. | 38. | 0.1 | 0.00 |
| 7526. | 1.6 | 100. | 39. | 0.1 | 0.00 |
| 7527. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 7528. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 7529. | 0.1 | 100. | 20. | 0.1 | 0.00 |
| 7530. | 0.1 | 100. | 15. | 0.1 | 0.00 |
| 7531. | 0.1 | 100. | 9. | 0.1 | 0.00 |
| 7532. | 0.7 | 100. | 5. | 0.1 | 0.00 |
| 7533. | 0.1 | 100. | 7. | 0.1 | 0.00 |
| 7534. | 0.1 | 100. | 8. | 0.1 | 0.00 |
| 7535. | 0.5 | 100. | 6. | 0.1 | 0.00 |
| 7536. | 1.0 | 100. | 6. | 0.1 | 0.00 |
| 7537. | 0.8 | 100. | 7. | 0.1 | 0.00 |
| 7538. | 0.1 | 100. | 8. | 0.1 | 0.00 |
| 7539. | 0.1 | 100. | 10. | 0.1 | 0.00 |
| 7540. | 0.1 | 100. | 12. | 0.1 | 0.00 |
| 7541. | 0.1 | 100. | 17. | 0.1 | 0.00 |
| 7542. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 7546. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 7547. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 7548. | 1.0 | 100. | 42. | 0.1 | 0.00 |
| 7549. | 2.3 | 100. | 50. | 0.1 | 0.00 |
| 7551. | 2.2 | 100. | 49. | 0.1 | 0.00 |
| 7555. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 7556. | 0.1 | 100. | 26. | 0.1 | 0.00 |
| 7557. | 0.1 | 100. | 17. | 0.1 | 0.00 |
| 7558. | 0.1 | 100. | 14. | 0.1 | 0.00 |
| 7559. | 0.1 | 100. | 15. | 0.1 | 0.00 |
| 7560. | 0.1 | 100. | 20. | 0.1 | 0.00 |
| 7561. | 0.1 | 100. | 20. | 0.1 | 0.00 |
| 7562. | 0.1 | 100. | 23. | 0.1 | 0.00 |

Dresser Atlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7563. | 0.1 | 100. | 25. | 0.1 | 0.00 |
| 7564. | 4.5 | 100. | 32. | 0.1 | 0.00 |
| 7573. | 3.0 | 100. | 46. | 0.1 | 0.00 |
| 7584. | 5.4 | 100. | 24. | 0.1 | 0.00 |
| 7585. | 6.7 | 100. | 25. | 0.2 | 0.00 |
| 7586. | 2.3 | 100. | 40. | 0.1 | 0.00 |
| 7587. | 5.8 | 100. | 24. | 0.1 | 0.00 |
| 7588. | 7.6 | 100. | 21. | 0.3 | 0.00 |
| 7589. | 4.6 | 100. | 34. | 0.1 | 0.00 |
| 7590. | 2.0 | 100. | 46. | 0.1 | 0.00 |
| 7591. | 6.3 | 100. | 37. | 0.1 | 0.00 |
| 7601. | 7.2 | 100. | 48. | 0.2 | 0.00 |
| 7609. | 0.1 | 100. | 39. | 0.1 | 0.00 |
| 7610. | 0.1 | 100. | 27. | 0.1 | 0.00 |
| 7611. | 3.4 | 100. | 18. | 0.1 | 0.00 |
| 7612. | 7.0 | 100. | 17. | 0.2 | 0.00 |
| 7613. | 6.2 | 100. | 31. | 0.1 | 0.00 |
| 7614. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 7615. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 7616. | 0.1 | 100. | 22. | 0.1 | 0.00 |
| 7617. | 2.2 | 100. | 9. | 0.1 | 0.00 |
| 7618. | 2.9 | 100. | 11. | 0.1 | 0.00 |
| 7619. | 2.7 | 100. | 17. | 0.1 | 0.00 |
| 7620. | 0.6 | 100. | 21. | 0.1 | 0.00 |
| 7621. | 1.2 | 100. | 21. | 0.1 | 0.00 |
| 7622. | 7.1 | 100. | 24. | 0.2 | 0.00 |
| 7625. | 2.5 | 100. | 47. | 0.1 | 0.00 |
| 7627. | 0.6 | 100. | 40. | 0.1 | 0.00 |
| 7630. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 7631. | 0.7 | 100. | 16. | 0.1 | 0.00 |
| 7632. | 0.7 | 100. | 13. | 0.1 | 0.00 |
| 7633. | 1.1 | 100. | 13. | 0.1 | 0.00 |
| 7634. | 0.3 | 100. | 15. | 0.1 | 0.00 |
| 7635. | 2.5 | 100. | 14. | 0.1 | 0.00 |
| 7636. | 3.4 | 100. | 20. | 0.1 | 0.00 |
| 7637. | 4.4 | 100. | 32. | 0.1 | 0.00 |
| 7643. | 0.2 | 100. | 41. | 0.1 | 0.00 |
| 7644. | 2.8 | 100. | 24. | 0.1 | 0.00 |
| 7645. | 4.8 | 100. | 18. | 0.1 | 0.00 |
| 7646. | 5.3 | 100. | 22. | 0.1 | 0.00 |
| 7647. | 4.0 | 100. | 27. | 0.1 | 0.00 |
| 7648. | 6.9 | 100. | 26. | 0.2 | 0.00 |

DECISION DATA

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7654. | 0.1 | 100. | 38. | 0.1 | 0.00 |
| 7665. | 0.7 | 100. | 39. | 0.1 | 0.00 |
| 7666. | 3.1 | 100. | 25. | 0.1 | 0.00 |
| 7667. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 7676. | 5.2 | 100. | 37. | 0.1 | 0.00 |
| 7681. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 7682. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 7683. | 0.1 | 100. | 19. | 0.1 | 0.00 |
| 7684. | 1.6 | 100. | 16. | 0.1 | 0.00 |
| 7685. | 2.1 | 100. | 29. | 0.1 | 0.00 |
| 7686. | 1.1 | 100. | 35. | 0.1 | 0.00 |
| 7687. | 1.6 | 100. | 31. | 0.1 | 0.00 |
| 7694. | 3.2 | 100. | 30. | 0.1 | 0.00 |
| 7695. | 0.4 | 100. | 38. | 0.1 | 0.00 |
| 7697. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 7698. | 0.8 | 100. | 41. | 0.1 | 0.00 |
| 7699. | 1.8 | 100. | 46. | 0.1 | 0.00 |
| 7709. | 5.4 | 97. | 47. | 0.1 | 0.00 |
| 7719. | 0.1 | 100. | 27. | 0.1 | 0.00 |
| 7720. | 0.1 | 100. | 27. | 0.1 | 0.00 |
| 7721. | 0.1 | 100. | 20. | 0.1 | 0.00 |
| 7722. | 2.6 | 100. | 17. | 0.1 | 0.00 |
| 7723. | 1.1 | 100. | 31. | 0.1 | 0.00 |
| 7724. | 2.3 | 100. | 36. | 0.1 | 0.00 |
| 7725. | 4.7 | 100. | 43. | 0.1 | 0.00 |
| 7730. | 9.4 | 100. | 48. | 0.7 | 0.00 |
| 7731. | 4.9 | 100. | 44. | 0.1 | 0.00 |
| 7732. | 3.9 | 100. | 38. | 0.1 | 0.00 |
| 7733. | 8.7 | 100. | 46. | 0.5 | 0.00 |
| 7741. | 1.6 | 100. | 27. | 0.1 | 0.00 |
| 7742. | 8.9 | 100. | 15. | 0.6 | 0.00 |
| 7743. | 9.7 | 50. | 44. | 0.8 | 0.04 |
| 7759. | 3.9 | 100. | 46. | 0.1 | 0.00 |
| 7764. | 0.2 | 100. | 42. | 0.1 | 0.00 |
| 7765. | 0.1 | 100. | 39. | 0.1 | 0.00 |
| 7766. | 1.6 | 100. | 25. | 0.1 | 0.00 |
| 7767. | 2.1 | 100. | 23. | 0.1 | 0.00 |
| 7768. | 3.1 | 72. | 26. | 0.1 | 0.00 |

DresserAtlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7769. | 2.2 | 100. | 32. | 0.1 | 0.00 |
| 7770. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 7771. | 0.4 | 100. | 43. | 0.1 | 0.00 |
| 7772. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 7774. | 4.4 | 57. | 39. | 0.1 | 0.01 |
| 7775. | 2.9 | 76. | 25. | 0.1 | 0.02 |
| 7776. | 2.3 | 91. | 24. | 0.1 | 0.02 |
| 7777. | 2.3 | 91. | 23. | 0.1 | 0.02 |
| 7778. | 2.0 | 100. | 23. | 0.1 | 0.02 |
| 7779. | 2.2 | 97. | 17. | 0.1 | 0.02 |
| 7780. | 0.4 | 100. | 21. | 0.1 | 0.02 |
| 7781. | 0.1 | 100. | 30. | 0.1 | 0.02 |
| 7782. | 3.1 | 71. | 17. | 0.1 | 0.03 |
| 7783. | 2.9 | 76. | 24. | 0.1 | 0.04 |
| 7784. | 2.9 | 76. | 18. | 0.1 | 0.05 |
| 7785. | 1.2 | 100. | 28. | 0.1 | 0.05 |
| 7786. | 3.1 | 72. | 19. | 0.1 | 0.05 |
| 7787. | 1.7 | 100. | 8. | 0.1 | 0.06 |
| 7788. | 0.1 | 100. | 18. | 0.1 | 0.06 |
| 7791. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 7792. | 3.8 | 62. | 5. | 0.1 | 0.01 |
| 7793. | 3.7 | 63. | 16. | 0.1 | 0.02 |
| 7797. | 6.6 | 100. | 33. | 0.2 | 0.00 |
| 7798. | 5.7 | 100. | 41. | 0.1 | 0.00 |
| 7799. | 6.1 | 100. | 41. | 0.1 | 0.00 |
| 7800. | 1.8 | 100. | 49. | 0.1 | 0.00 |
| 7801. | 3.7 | 100. | 39. | 0.1 | 0.00 |
| 7802. | 3.4 | 100. | 37. | 0.1 | 0.00 |
| 7808. | 4.4 | 100. | 21. | 0.1 | 0.00 |
| 7809. | 0.7 | 100. | 27. | 0.1 | 0.00 |
| 7810. | 0.1 | 100. | 34. | 0.1 | 0.00 |
| 7811. | 5.5 | 100. | 3. | 0.1 | 0.00 |
| 7812. | 5.4 | 100. | 3. | 0.1 | 0.00 |
| 7813. | 1.7 | 100. | 21. | 0.1 | 0.00 |
| 7814. | 0.1 | 100. | 33. | 0.1 | 0.00 |
| 7815. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 7816. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 7821. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 7822. | 0.6 | 100. | 38. | 0.1 | 0.00 |
| 7829. | 1.7 | 100. | 39. | 0.1 | 0.00 |
| 7830. | 1.0 | 100. | 44. | 0.1 | 0.00 |
| 7836. | 5.7 | 100. | 18. | 0.1 | 0.00 |
| 7837. | 6.7 | 100. | 21. | 0.2 | 0.00 |

DresserAtlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7838. | 5.0 | 100. | 34. | 0.1 | 0.00 |
| 7839. | 5.3 | 100. | 35. | 0.1 | 0.00 |
| 7840. | 4.6 | 100. | 28. | 0.1 | 0.00 |
| 7841. | 1.8 | 100. | 30. | 0.1 | 0.00 |
| 7842. | 1.3 | 100. | 38. | 0.1 | 0.00 |
| 7843. | 1.4 | 100. | 47. | 0.1 | 0.00 |
| 7844. | 5.4 | 100. | 38. | 0.1 | 0.00 |
| 7845. | 2.8 | 100. | 34. | 0.1 | 0.00 |
| 7846. | 2.9 | 100. | 26. | 0.1 | 0.00 |
| 7847. | 0.8 | 100. | 39. | 0.1 | 0.00 |
| 7862. | 4.4 | 100. | 21. | 0.1 | 0.00 |
| 7863. | 3.1 | 100. | 24. | 0.1 | 0.00 |
| 7864. | 1.3 | 100. | 30. | 0.1 | 0.00 |
| 7865. | 2.7 | 85. | 20. | 0.1 | 0.00 |
| 7866. | 3.1 | 74. | 15. | 0.1 | 0.01 |
| 7867. | 3.9 | 100. | 8. | 0.1 | 0.01 |
| 7868. | 5.3 | 100. | 10. | 0.1 | 0.01 |
| 7883. | 1.3 | 100. | 47. | 0.1 | 0.00 |
| 7884. | 10.5 | 100. | 8. | 1.2 | 0.00 |
| 7885. | 11.8 | 100. | 2. | 2.0 | 0.00 |
| 7886. | 10.8 | 100. | 8. | 1.3 | 0.00 |
| 7887. | 8.9 | 100. | 16. | 0.6 | 0.00 |
| 7888. | 1.0 | 100. | 48. | 0.1 | 0.00 |
| 7890. | 1.6 | 100. | 40. | 0.1 | 0.00 |
| 7896. | 0.9 | 100. | 48. | 0.1 | 0.00 |
| 7897. | 0.7 | 100. | 48. | 0.1 | 0.00 |
| 7899. | 1.6 | 100. | 48. | 0.1 | 0.00 |
| 7902. | 3.6 | 100. | 43. | 0.1 | 0.00 |
| 7903. | 8.1 | 100. | 18. | 0.4 | 0.00 |
| 7904. | 7.1 | 100. | 19. | 0.2 | 0.00 |
| 7905. | 5.4 | 100. | 26. | 0.1 | 0.00 |
| 7906. | 5.2 | 100. | 25. | 0.1 | 0.00 |
| 7907. | 3.7 | 100. | 30. | 0.1 | 0.00 |
| 7914. | 2.6 | 100. | 34. | 0.1 | 0.00 |
| 7915. | 9.4 | 100. | 0. | 0.7 | 0.00 |
| 7916. | 8.1 | 100. | 7. | 0.4 | 0.00 |
| 7919. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 7920. | 0.1 | 100. | 19. | 0.1 | 0.00 |
| 7921. | 0.1 | 100. | 14. | 0.1 | 0.00 |
| 7922. | 0.1 | 100. | 19. | 0.1 | 0.00 |
| 7923. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 7924. | 1.8 | 100. | 14. | 0.1 | 0.00 |

Dresser Atlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7925. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 7926. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 7927. | 3.1 | 100. | 31. | 0.1 | 0.00 |
| 7928. | 6.6 | 100. | 17. | 0.2 | 0.00 |
| 7929. | 9.0 | 100. | 8. | 0.6 | 0.00 |
| 7930. | 8.1 | 69. | 10. | 0.4 | 0.02 |
| 7931. | 6.2 | 85. | 16. | 0.1 | 0.03 |
| 7932. | 5.2 | 100. | 1. | 0.1 | 0.03 |
| 7933. | 3.1 | 100. | 7. | 0.1 | 0.03 |
| 7934. | 1.9 | 100. | 12. | 0.1 | 0.03 |
| 7935. | 0.1 | 100. | 25. | 0.1 | 0.03 |
| 7941. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 7942. | 0.1 | 100. | 21. | 0.1 | 0.00 |
| 7943. | 1.3 | 100. | 13. | 0.1 | 0.00 |
| 7944. | 0.1 | 100. | 28. | 0.1 | 0.00 |
| 7945. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 7948. | 2.3 | 100. | 15. | 0.1 | 0.00 |
| 7949. | 4.8 | 100. | 7. | 0.1 | 0.00 |
| 7950. | 5.9 | 87. | 11. | 0.1 | 0.00 |
| 7951. | 11.0 | 56. | 15. | 1.4 | 0.06 |
| 7952. | 10.6 | 70. | 20. | 1.2 | 0.09 |
| 7953. | 9.6 | 66. | 22. | 0.8 | 0.13 |
| 7954. | 12.7 | 47. | 5. | 2.7 | 0.18 |
| 7955. | 12.6 | 48. | 0. | 2.6 | 0.25 |
| 7956. | 11.2 | 32. | 3. | 1.6 | 0.32 |
| 7957. | 12.9 | 30. | 0. | 2.9 | 0.41 |
| 7958. | 12.4 | 33. | 0. | 2.5 | 0.49 |
| 7959. | 10.1 | 43. | 4. | 1.0 | 0.56 |
| 7960. | 9.5 | 44. | 7. | 0.8 | 0.61 |
| 7961. | 10.1 | 59. | 6. | 1.0 | 0.65 |
| 7962. | 10.6 | 52. | 4. | 1.2 | 0.70 |
| 7963. | 9.7 | 37. | 8. | 0.8 | 0.76 |
| 7964. | 8.7 | 21. | 14. | 0.5 | 0.83 |
| 7965. | 9.6 | 39. | 12. | 0.8 | 0.89 |
| 7966. | 10.7 | 61. | 9. | 1.3 | 0.93 |
| 7967. | 11.2 | 50. | 13. | 1.6 | 0.99 |
| 7968. | 11.5 | 54. | 8. | 1.7 | 1.04 |
| 7969. | 11.1 | 62. | 7. | 1.5 | 1.09 |
| 7970. | 10.5 | 29. | 7. | 1.2 | 1.15 |
| 7971. | 9.2 | 50. | 9. | 0.7 | 1.21 |
| 7972. | 9.0 | 89. | 4. | 0.6 | 1.23 |
| 7973. | 10.6 | 67. | 4. | 1.2 | 1.25 |
| 7974. | 10.4 | 47. | 6. | 1.1 | 1.30 |
| 7975. | 9.9 | 63. | 3. | 0.9 | 1.35 |
| 7976. | 8.6 | 100. | 5. | 0.5 | 1.36 |
| 7977. | 8.9 | 100. | 5. | 0.6 | 1.36 |
| 7978. | 8.4 | 100. | 8. | 0.4 | 1.36 |
| 7979. | 6.3 | 100. | 19. | 0.1 | 1.36 |

DECISIONAL

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7980. | 5.3 | 100. | 25. | 0.1 | 1.36 |
| 7981. | 7.0 | 100. | 16. | 0.2 | 1.36 |
| 7982. | 6.7 | 100. | 16. | 0.2 | 1.36 |
| 7987. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 7988. | 4.5 | 100. | 16. | 0.1 | 0.00 |
| 7989. | 2.5 | 100. | 25. | 0.1 | 0.00 |
| 7992. | 5.0 | 100. | 31. | 0.1 | 0.00 |
| 7994. | 4.0 | 100. | 39. | 0.1 | 0.00 |
| 8007. | 1.1 | 100. | 45. | 0.1 | 0.00 |
| 8008. | 6.0 | 100. | 21. | 0.1 | 0.00 |
| 8009. | 5.7 | 100. | 34. | 0.1 | 0.00 |
| 8013. | 2.7 | 100. | 33. | 0.1 | 0.00 |
| 8014. | 3.5 | 100. | 24. | 0.1 | 0.00 |
| 8015. | 2.0 | 100. | 34. | 0.1 | 0.00 |
| 8022. | 5.5 | 100. | 36. | 0.1 | 0.00 |
| 8023. | 8.4 | 77. | 45. | 0.4 | 0.01 |
| 8030. | 9.2 | 100. | 23. | 0.7 | 0.00 |
| 8031. | 9.7 | 97. | 14. | 0.8 | 0.00 |
| 8032. | 8.9 | 83. | 17. | 0.6 | 0.02 |
| 8033. | 6.7 | 41. | 30. | 0.2 | 0.05 |
| 8034. | 10.5 | 55. | 46. | 1.2 | 0.10 |
| 8040. | 6.0 | 100. | 37. | 0.1 | 0.00 |
| 8041. | 8.0 | 100. | 20. | 0.4 | 0.00 |
| 8042. | 10.5 | 79. | 3. | 1.2 | 0.02 |
| 8043. | 9.5 | 50. | 5. | 0.7 | 0.06 |
| 8044. | 8.9 | 75. | 5. | 0.6 | 0.09 |
| 8045. | 6.6 | 65. | 15. | 0.1 | 0.11 |
| 8046. | 7.3 | 99. | 7. | 0.2 | 0.11 |
| 8047. | 6.6 | 94. | 9. | 0.2 | 0.12 |
| 8048. | 7.3 | 100. | 6. | 0.2 | 0.12 |
| 8049. | 5.2 | 100. | 29. | 0.1 | 0.12 |
| 8054. | 2.0 | 100. | 45. | 0.1 | 0.00 |
| 8058. | 6.6 | 100. | 49. | 0.1 | 0.00 |
| 8061. | 5.8 | 100. | 14. | 0.1 | 0.00 |
| 8062. | 3.6 | 100. | 23. | 0.1 | 0.00 |
| 8074. | 5.1 | 100. | 35. | 0.1 | 0.00 |
| 8075. | 2.4 | 100. | 49. | 0.1 | 0.00 |

DECOSDATA INC

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 8078. | 3.8 | 100. | 44. | 0.1 | 0.00 |
| 8080. | 7.0 | 99. | 49. | 0.2 | 0.00 |
| 8081. | 8.8 | 100. | 25. | 0.5 | 0.00 |
| 8082. | 8.4 | 77. | 34. | 0.4 | 0.01 |
| 8098. | 6.4 | 100. | 24. | 0.1 | 0.00 |
| 8099. | 5.1 | 73. | 30. | 0.1 | 0.01 |
| 8104. | 4.1 | 100. | 19. | 0.1 | 0.00 |
| 8105. | 2.5 | 100. | 24. | 0.1 | 0.00 |
| 8106. | 2.8 | 100. | 20. | 0.1 | 0.00 |
| 8107. | 1.7 | 100. | 23. | 0.1 | 0.00 |
| 8108. | 2.9 | 100. | 22. | 0.1 | 0.00 |
| 8109. | 3.3 | 100. | 19. | 0.1 | 0.00 |
| 8110. | 4.0 | 100. | 14. | 0.1 | 0.00 |
| 8111. | 3.8 | 74. | 13. | 0.1 | 0.01 |
| 8112. | 4.3 | 100. | 7. | 0.1 | 0.01 |
| 8113. | 6.2 | 100. | 4. | 0.1 | 0.01 |
| 8114. | 5.9 | 64. | 9. | 0.1 | 0.03 |
| 8115. | 5.2 | 26. | 10. | 0.1 | 0.06 |
| 8116. | 5.4 | 66. | 9. | 0.1 | 0.08 |
| 8117. | 5.5 | 86. | 10. | 0.1 | 0.09 |
| 8118. | 6.0 | 100. | 9. | 0.1 | 0.09 |
| 8119. | 5.7 | 58. | 12. | 0.1 | 0.11 |
| 8120. | 5.5 | 95. | 9. | 0.1 | 0.12 |
| 8121. | 6.6 | 86. | 5. | 0.1 | 0.12 |
| 8122. | 5.6 | 42. | 14. | 0.1 | 0.15 |
| 8123. | 2.0 | 100. | 45. | 0.1 | 0.16 |
| 8124. | 6.2 | 97. | 33. | 0.1 | 0.17 |
| 8128. | 4.5 | 75. | 23. | 0.1 | 0.01 |
| 8129. | 5.1 | 100. | 25. | 0.1 | 0.01 |
| 8144. | 5.1 | 73. | 25. | 0.1 | 0.01 |
| 8145. | 7.3 | 83. | 19. | 0.2 | 0.02 |
| 8155. | 4.4 | 80. | 49. | 0.1 | 0.00 |
| 8157. | 4.9 | 97. | 33. | 0.1 | 0.00 |
| 8158. | 7.0 | 26. | 10. | 0.2 | 0.05 |
| 8159. | 5.5 | 26. | 17. | 0.1 | 0.10 |
| 8160. | 4.9 | 56. | 20. | 0.1 | 0.12 |
| 8161. | 5.8 | 32. | 10. | 0.1 | 0.15 |
| 8162. | 6.0 | 43. | 7. | 0.1 | 0.19 |
| 8163. | 5.7 | 55. | 8. | 0.1 | 0.21 |
| 8164. | 4.7 | 62. | 10. | 0.1 | 0.23 |
| 8165. | 5.0 | 81. | 9. | 0.1 | 0.25 |
| 8166. | 4.3 | 60. | 10. | 0.1 | 0.26 |
| 8167. | 3.0 | 73. | 13. | 0.1 | 0.27 |

DresserAtlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 8168. | 2.4 | 89. | 18. | 0.1 | 0.28 |
| 8169. | 2.0 | 100. | 22. | 0.1 | 0.28 |
| 8170. | 0.9 | 100. | 28. | 0.1 | 0.28 |
| 8171. | 2.6 | 83. | 20. | 0.1 | 0.28 |
| 8172. | 6.1 | 96. | 5. | 0.1 | 0.28 |
| 8173. | 5.2 | 57. | 10. | 0.1 | 0.29 |
| 8174. | 2.9 | 74. | 22. | 0.1 | 0.31 |
| 8175. | 3.7 | 68. | 13. | 0.1 | 0.32 |
| 8176. | 4.9 | 56. | 12. | 0.1 | 0.34 |
| 8177. | 6.1 | 23. | 7. | 0.1 | 0.38 |
| 8178. | 5.8 | 0. | 10. | 0.1 | 0.44 |
| 8179. | 5.6 | 17. | 9. | 0.1 | 0.49 |
| 8180. | 6.1 | 40. | 9. | 0.1 | 0.53 |
| 8181. | 7.2 | 75. | 3. | 0.2 | 0.55 |
| 8182. | 6.3 | 56. | 7. | 0.1 | 0.57 |
| 8183. | 6.6 | 19. | 5. | 0.2 | 0.62 |
| 8184. | 5.0 | 56. | 15. | 0.1 | 0.66 |
| 8185. | 1.5 | 100. | 40. | 0.1 | 0.66 |
| 8186. | 4.7 | 56. | 20. | 0.1 | 0.68 |
| 8187. | 4.9 | 100. | 10. | 0.1 | 0.68 |
| 8188. | 4.2 | 100. | 13. | 0.1 | 0.68 |
| 8189. | 3.4 | 100. | 18. | 0.1 | 0.68 |
| 8190. | 4.7 | 61. | 10. | 0.1 | 0.69 |
| 8191. | 5.7 | 78. | 4. | 0.1 | 0.71 |
| 8192. | 4.9 | 97. | 4. | 0.1 | 0.71 |
| 8193. | 3.5 | 100. | 5. | 0.1 | 0.71 |
| 8194. | 2.4 | 100. | 6. | 0.1 | 0.71 |
| 8195. | 3.2 | 99. | 9. | 0.1 | 0.71 |
| 8196. | 5.3 | 55. | 6. | 0.1 | 0.73 |
| 8197. | 6.0 | 40. | 8. | 0.1 | 0.77 |
| 8198. | 5.3 | 33. | 13. | 0.1 | 0.80 |
| 8199. | 5.9 | 66. | 9. | 0.1 | 0.83 |
| 8200. | 5.0 | 75. | 14. | 0.1 | 0.84 |
| 8201. | 6.0 | 0. | 46. | 0.1 | 0.89 |
| 8207. | 4.6 | 100. | 25. | 0.1 | 0.00 |
| 8208. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 8212. | 3.2 | 100. | 40. | 0.1 | 0.00 |
| 8222. | 2.4 | 100. | 23. | 0.1 | 0.00 |
| 8223. | 1.0 | 100. | 27. | 0.1 | 0.00 |
| 8236. | 4.5 | 100. | 42. | 0.1 | 0.00 |
| 8248. | 2.1 | 100. | 42. | 0.1 | 0.00 |
| 8249. | 4.5 | 100. | 30. | 0.1 | 0.01 |
| 8254. | 8.6 | 47. | 25. | 0.5 | 0.02 |
| 8255. | 6.3 | 0. | 24. | 0.1 | 0.09 |

DresserAtlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 8256. | 4.9 | 65. | 23. | 0.1 | 0.12 |
| 8265. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 8266. | 0.1 | 100. | 44. | 0.1 | 0.00 |

DresserAtlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 5200. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 5221. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 5222. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 5225. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 5226. | 0.1 | 100. | 50. | 0.1 | 0.00 |
| 5227. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 5228. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 5243. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 5244. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 5245. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 5252. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 5253. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 5254. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 5255. | 0.1 | 100. | 39. | 0.1 | 0.00 |
| 5256. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 5269. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 5270. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 5271. | 0.1 | 100. | 34. | 0.1 | 0.00 |
| 5272. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 5273. | 0.3 | 100. | 29. | 0.1 | 0.00 |
| 5274. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 5275. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 5276. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 5277. | 0.1 | 100. | 23. | 0.1 | 0.00 |
| 5278. | 0.1 | 100. | 16. | 0.1 | 0.00 |
| 5279. | 0.1 | 100. | 21. | 0.1 | 0.00 |
| 5280. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 5281. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 5283. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 5284. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 5285. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 5286. | 0.2 | 100. | 48. | 0.1 | 0.00 |
| 5287. | 0.3 | 100. | 46. | 0.1 | 0.00 |
| 5313. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 5319. | 3.0 | 100. | 47. | 0.1 | 0.00 |
| 5320. | 4.8 | 100. | 35. | 0.1 | 0.00 |
| 5321. | 6.2 | 82. | 38. | 0.1 | 0.01 |
| 5322. | 7.4 | 0. | 45. | 0.3 | 0.00 |
| 5323. | 7.8 | 32. | 20. | 0.3 | 0.06 |
| 5324. | 6.1 | 70. | 0. | 0.1 | 0.10 |
| 5325. | 4.4 | 69. | 0. | 0.1 | 0.11 |
| 5326. | 5.5 | 57. | 1. | 0.1 | 0.13 |

DECISIONAL LAB

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 5327. | 6.9 | 61. | 1. | 0.2 | 0.16 |
| 5328. | 7.7 | 68. | 0. | 0.3 | 0.18 |
| 5329. | 7.9 | 74. | 0. | 0.3 | 0.20 |
| 5330. | 6.9 | 58. | 2. | 0.2 | 0.23 |
| 5331. | 4.8 | 95. | 2. | 0.1 | 0.24 |
| 5332. | 1.8 | 100. | 0. | 0.1 | 0.24 |
| 5333. | 0.1 | 100. | 2. | 0.1 | 0.24 |
| 5334. | 0.1 | 100. | 9. | 0.1 | 0.24 |
| 5335. | 0.1 | 100. | 34. | 0.1 | 0.24 |
| 5342. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 5343. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 5344. | 0.1 | 100. | 38. | 0.1 | 0.00 |
| 5345. | 0.9 | 100. | 45. | 0.1 | 0.00 |
| 5346. | 1.1 | 100. | 33. | 0.1 | 0.00 |
| 5347. | 1.2 | 100. | 40. | 0.1 | 0.00 |
| 5354. | 0.1 | 100. | 34. | 0.1 | 0.00 |
| 5355. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 5356. | 0.1 | 100. | 37. | 0.1 | 0.00 |
| 5357. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 5358. | 0.1 | 100. | 38. | 0.1 | 0.00 |
| 5359. | 0.1 | 100. | 38. | 0.1 | 0.00 |
| 5360. | 0.1 | 100. | 39. | 0.1 | 0.00 |
| 5361. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 5362. | 0.1 | 100. | 33. | 0.1 | 0.00 |
| 5363. | 0.1 | 100. | 33. | 0.1 | 0.00 |
| 5364. | 0.1 | 100. | 39. | 0.1 | 0.00 |
| 5365. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 5366. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 5367. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 5368. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 5369. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 5370. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 5371. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 5372. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 5373. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 5376. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 5377. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 5378. | 0.1 | 100. | 37. | 0.1 | 0.00 |
| 5379. | 0.1 | 100. | 28. | 0.1 | 0.00 |
| 5380. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 5381. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 5382. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 5384. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 5385. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 5395. | 0.6 | 100. | 43. | 0.1 | 0.00 |

Dresser Atlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 5396. | 0.1 | 100. | 33. | 0.1 | 0.00 |
| 5397. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 5398. | 0.1 | 100. | 28. | 0.1 | 0.00 |
| 5399. | 0.1 | 100. | 33. | 0.1 | 0.00 |
| 5400. | 0.4 | 100. | 35. | 0.1 | 0.00 |
| 5401. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 5402. | 0.1 | 100. | 38. | 0.1 | 0.00 |
| 5403. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 5404. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 5405. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 5406. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 5407. | 0.1 | 100. | 38. | 0.1 | 0.00 |
| 5408. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 5409. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 5410. | 0.5 | 100. | 42. | 0.1 | 0.00 |
| 5411. | 0.4 | 100. | 38. | 0.1 | 0.00 |
| 5412. | 1.6 | 100. | 26. | 0.1 | 0.00 |
| 5413. | 1.2 | 100. | 25. | 0.1 | 0.00 |
| 5414. | 0.9 | 100. | 33. | 0.1 | 0.00 |
| 5415. | 1.0 | 100. | 44. | 0.1 | 0.00 |
| 5417. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 5418. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 5419. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 5420. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 5422. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 5423. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 5424. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 5426. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 5427. | 1.6 | 100. | 41. | 0.1 | 0.00 |
| 5428. | 0.5 | 100. | 23. | 0.1 | 0.00 |
| 5429. | 0.9 | 100. | 16. | 0.1 | 0.00 |
| 5430. | 0.1 | 100. | 10. | 0.1 | 0.00 |
| 5431. | 0.1 | 100. | 10. | 0.1 | 0.00 |
| 5432. | 0.1 | 100. | 19. | 0.1 | 0.00 |
| 5433. | 0.1 | 100. | 25. | 0.1 | 0.00 |
| 5434. | 0.2 | 100. | 31. | 0.1 | 0.00 |
| 5435. | 1.2 | 100. | 28. | 0.1 | 0.00 |
| 5436. | 1.9 | 100. | 28. | 0.1 | 0.00 |
| 5437. | 0.2 | 100. | 23. | 0.1 | 0.00 |
| 5438. | 0.8 | 100. | 27. | 0.1 | 0.00 |
| 5439. | 2.3 | 93. | 33. | 0.1 | 0.00 |
| 5440. | 3.4 | 66. | 38. | 0.1 | 0.01 |
| 5441. | 3.0 | 95. | 29. | 0.1 | 0.02 |
| 5442. | 2.5 | 85. | 32. | 0.1 | 0.02 |
| 5443. | 5.3 | 0. | 40. | 0.1 | 0.00 |
| 5444. | 7.9 | 0. | 44. | 0.3 | 0.00 |
| 5445. | 9.7 | 4. | 33. | 0.8 | 0.09 |

Dresser Atlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 5446. | 10.6 | 13. | 25. | 1.2 | 0.18 |
| 5447. | 10.8 | 9. | 21. | 1.3 | 0.28 |
| 5448. | 9.7 | 0. | 31. | 0.8 | 0.38 |
| 5449. | 10.6 | 45. | 19. | 1.2 | 0.46 |
| 5450. | 9.0 | 55. | 23. | 0.6 | 0.51 |
| 5451. | 9.5 | 81. | 18. | 0.8 | 0.53 |
| 5452. | 9.4 | 82. | 18. | 0.7 | 0.55 |
| 5453. | 8.3 | 72. | 20. | 0.4 | 0.56 |
| 5454. | 7.8 | 47. | 25. | 0.3 | 0.61 |
| 5455. | 6.2 | 16. | 43. | 0.1 | 0.00 |
| 5457. | 8.1 | 3. | 43. | 0.4 | 0.00 |
| 5458. | 6.4 | 39. | 23. | 0.1 | 0.04 |
| 5459. | 3.1 | 72. | 34. | 0.1 | 0.07 |
| 5463. | 4.5 | 57. | 29. | 0.1 | 0.01 |
| 5464. | 4.1 | 59. | 9. | 0.1 | 0.03 |
| 5465. | 4.2 | 83. | 5. | 0.1 | 0.04 |
| 5466. | 1.8 | 100. | 6. | 0.1 | 0.04 |
| 5467. | 1.4 | 100. | 3. | 0.1 | 0.04 |
| 5468. | 1.6 | 100. | 10. | 0.1 | 0.04 |
| 5469. | 1.6 | 100. | 21. | 0.1 | 0.04 |
| 5470. | 1.0 | 100. | 43. | 0.1 | 0.00 |
| 5472. | 1.8 | 100. | 49. | 0.1 | 0.00 |
| 5473. | 0.7 | 100. | 45. | 0.1 | 0.00 |
| 5474. | 1.3 | 100. | 49. | 0.1 | 0.00 |
| 5478. | 1.9 | 100. | 48. | 0.1 | 0.00 |
| 5479. | 1.6 | 100. | 43. | 0.1 | 0.00 |
| 5480. | 0.1 | 100. | 33. | 0.1 | 0.00 |
| 5481. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 5482. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 5504. | 2.8 | 100. | 35. | 0.1 | 0.00 |
| 5505. | 3.3 | 91. | 28. | 0.1 | 0.00 |
| 5506. | 2.7 | 100. | 15. | 0.1 | 0.00 |
| 5507. | 5.6 | 100. | 14. | 0.1 | 0.00 |
| 5508. | 5.4 | 70. | 17. | 0.1 | 0.01 |
| 5509. | 6.6 | 16. | 22. | 0.2 | 0.06 |
| 5510. | 5.0 | 0. | 30. | 0.1 | 0.12 |
| 5511. | 4.0 | 60. | 44. | 0.1 | 0.00 |
| 5513. | 5.8 | 0. | 37. | 0.1 | 0.03 |
| 5514. | 5.7 | 0. | 42. | 0.1 | 0.00 |
| 5518. | 5.1 | 11. | 31. | 0.1 | 0.03 |
| 5519. | 4.7 | 57. | 28. | 0.1 | 0.07 |
| 5520. | 5.6 | 29. | 21. | 0.1 | 0.10 |
| 5521. | 6.9 | 0. | 32. | 0.2 | 0.17 |

DECISION Data

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 5522. | 6.0 | 0. | 45. | 0.1 | 0.00 |
| 5523. | 4.2 | 59. | 46. | 0.1 | 0.00 |
| 5538. | 3.6 | 100. | 22. | 0.1 | 0.00 |
| 5539. | 3.8 | 80. | 25. | 0.1 | 0.00 |
| 5540. | 2.7 | 100. | 15. | 0.1 | 0.01 |
| 5541. | 4.3 | 100. | 13. | 0.1 | 0.01 |
| 5542. | 4.3 | 100. | 17. | 0.1 | 0.01 |
| 5543. | 3.2 | 96. | 17. | 0.1 | 0.01 |
| 5544. | 4.0 | 60. | 20. | 0.1 | 0.02 |
| 5545. | 4.0 | 100. | 17. | 0.1 | 0.03 |
| 5546. | 5.4 | 100. | 15. | 0.1 | 0.03 |
| 5547. | 7.5 | 100. | 25. | 0.3 | 0.03 |
| 5548. | 7.3 | 41. | 42. | 0.2 | 0.00 |
| 5552. | 6.4 | 100. | 46. | 0.1 | 0.00 |
| 5553. | 6.6 | 100. | 41. | 0.2 | 0.00 |
| 5554. | 5.9 | 100. | 39. | 0.1 | 0.00 |
| 5555. | 7.2 | 100. | 34. | 0.2 | 0.00 |
| 5556. | 7.6 | 100. | 37. | 0.3 | 0.00 |
| 5557. | 6.8 | 100. | 43. | 0.2 | 0.00 |
| 5558. | 6.1 | 100. | 44. | 0.1 | 0.00 |
| 5559. | 5.5 | 100. | 46. | 0.1 | 0.00 |
| 5567. | 2.8 | 100. | 46. | 0.1 | 0.00 |
| 5568. | 3.1 | 100. | 44. | 0.1 | 0.00 |
| 5569. | 4.3 | 100. | 38. | 0.1 | 0.00 |
| 5575. | 3.3 | 100. | 41. | 0.1 | 0.00 |
| 5576. | 4.2 | 100. | 46. | 0.1 | 0.00 |
| 5583. | 3.3 | 100. | 41. | 0.1 | 0.00 |
| 5584. | 4.1 | 100. | 22. | 0.1 | 0.00 |
| 5585. | 2.5 | 100. | 24. | 0.1 | 0.00 |
| 5586. | 0.1 | 100. | 30. | 0.1 | 0.00 |
| 5587. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 5589. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 5590. | 0.1 | 100. | 38. | 0.1 | 0.00 |
| 5591. | 0.2 | 100. | 29. | 0.1 | 0.00 |
| 5592. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 5593. | 1.3 | 100. | 41. | 0.1 | 0.00 |
| 5604. | 4.0 | 100. | 28. | 0.1 | 0.00 |
| 5605. | 4.0 | 100. | 22. | 0.1 | 0.00 |
| 5606. | 3.3 | 100. | 16. | 0.1 | 0.00 |
| 5607. | 2.5 | 100. | 21. | 0.1 | 0.00 |
| 5608. | 3.1 | 100. | 30. | 0.1 | 0.00 |
| 5609. | 3.4 | 100. | 45. | 0.1 | 0.00 |

DPC SPA Lab

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 5614. | 0.7 | 100. | 46. | 0.1 | 0.00 |
| 5615. | 0.1 | 100. | 37. | 0.1 | 0.00 |
| 5616. | 0.1 | 100. | 20. | 0.1 | 0.00 |
| 5617. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 5630. | 0.8 | 100. | 40. | 0.1 | 0.00 |
| 5631. | 0.4 | 100. | 42. | 0.1 | 0.00 |
| 5632. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 5634. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 5635. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 5636. | 0.5 | 100. | 38. | 0.1 | 0.00 |
| 5637. | 0.4 | 100. | 30. | 0.1 | 0.00 |
| 5638. | 0.7 | 100. | 22. | 0.1 | 0.00 |
| 5639. | 2.4 | 100. | 22. | 0.1 | 0.00 |
| 5640. | 5.7 | 98. | 30. | 0.1 | 0.00 |
| 5641. | 5.5 | 14. | 43. | 0.1 | 0.00 |
| 5646. | 3.7 | 100. | 50. | 0.1 | 0.00 |
| 5647. | 5.4 | 100. | 35. | 0.1 | 0.00 |
| 5648. | 5.0 | 100. | 0. | 0.1 | 0.00 |
| 5649. | 5.0 | 100. | 0. | 0.1 | 0.00 |
| 5650. | 5.4 | 100. | 0. | 0.1 | 0.00 |
| 5651. | 5.1 | 100. | 3. | 0.1 | 0.00 |
| 5652. | 4.4 | 100. | 7. | 0.1 | 0.00 |
| 5653. | 4.6 | 100. | 17. | 0.1 | 0.00 |
| 5654. | 4.4 | 100. | 33. | 0.1 | 0.00 |
| 5657. | 2.1 | 100. | 7. | 0.1 | 0.00 |
| 5658. | 0.1 | 100. | 17. | 0.1 | 0.00 |
| 5659. | 0.1 | 100. | 33. | 0.1 | 0.00 |
| 5662. | 1.8 | 100. | 19. | 0.1 | 0.00 |
| 5663. | 1.7 | 100. | 24. | 0.1 | 0.00 |
| 5664. | 1.1 | 100. | 32. | 0.1 | 0.00 |
| 5665. | 1.5 | 100. | 42. | 0.1 | 0.00 |
| 5669. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 5670. | 0.1 | 100. | 34. | 0.1 | 0.00 |
| 5671. | 0.1 | 100. | 20. | 0.1 | 0.00 |
| 5672. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 5673. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 5674. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 5677. | 0.8 | 100. | 36. | 0.1 | 0.00 |
| 5678. | 0.9 | 100. | 45. | 0.1 | 0.00 |
| 5682. | 0.1 | 100. | 50. | 0.1 | 0.00 |
| 5692. | 2.1 | 100. | 47. | 0.1 | 0.00 |

DresserAtlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 5693. | 1.3 | 100. | 34. | 0.1 | 0.00 |
| 5696. | 1.7 | 100. | 49. | 0.1 | 0.00 |
| 5697. | 1.4 | 100. | 32. | 0.1 | 0.00 |
| 5698. | 1.4 | 100. | 36. | 0.1 | 0.00 |
| 5699. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 5700. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 5704. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 5709. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 5710. | 0.1 | 100. | 25. | 0.1 | 0.00 |
| 5711. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 5712. | 0.7 | 100. | 40. | 0.1 | 0.00 |
| 5713. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 5714. | 0.1 | 100. | 39. | 0.1 | 0.00 |
| 5715. | 0.5 | 100. | 26. | 0.1 | 0.00 |
| 5716. | 0.8 | 100. | 26. | 0.1 | 0.00 |
| 5717. | 1.4 | 100. | 32. | 0.1 | 0.00 |
| 5718. | 1.9 | 100. | 21. | 0.1 | 0.00 |
| 5719. | 2.0 | 100. | 18. | 0.1 | 0.00 |
| 5720. | 2.7 | 100. | 17. | 0.1 | 0.00 |
| 5721. | 2.5 | 100. | 20. | 0.1 | 0.00 |
| 5722. | 2.7 | 100. | 23. | 0.1 | 0.00 |
| 5723. | 4.2 | 100. | 26. | 0.1 | 0.00 |
| 5724. | 4.5 | 100. | 14. | 0.1 | 0.00 |
| 5725. | 6.5 | 100. | 9. | 0.1 | 0.00 |
| 5726. | 6.0 | 100. | 7. | 0.1 | 0.00 |
| 5727. | 7.3 | 100. | 7. | 0.2 | 0.00 |
| 5728. | 8.3 | 99. | 6. | 0.4 | 0.00 |
| 5729. | 8.4 | 100. | 5. | 0.4 | 0.00 |
| 5730. | 8.9 | 95. | 4. | 0.6 | 0.00 |
| 5731. | 9.9 | 100. | 1. | 0.9 | 0.00 |
| 5732. | 10.6 | 100. | 0. | 1.2 | 0.00 |
| 5733. | 8.6 | 100. | 1. | 0.5 | 0.00 |
| 5734. | 8.7 | 95. | 5. | 0.5 | 0.00 |
| 5735. | 9.3 | 96. | 0. | 0.7 | 0.01 |
| 5736. | 6.2 | 100. | 2. | 0.1 | 0.01 |
| 5737. | 3.9 | 100. | 6. | 0.1 | 0.01 |
| 5738. | 2.4 | 100. | 12. | 0.1 | 0.01 |
| 5739. | 5.9 | 82. | 19. | 0.1 | 0.01 |
| 5740. | 7.9 | 76. | 17. | 0.3 | 0.03 |
| 5741. | 7.3 | 100. | 14. | 0.2 | 0.04 |
| 5742. | 7.9 | 100. | 7. | 0.3 | 0.04 |
| 5743. | 7.4 | 100. | 4. | 0.2 | 0.04 |
| 5744. | 6.1 | 100. | 2. | 0.1 | 0.04 |
| 5745. | 6.2 | 100. | 7. | 0.1 | 0.04 |
| 5746. | 4.7 | 100. | 4. | 0.1 | 0.04 |
| 5747. | 2.7 | 100. | 4. | 0.1 | 0.04 |
| 5748. | 0.7 | 100. | 16. | 0.1 | 0.04 |

Dresser Atlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 5749. | 0.1 | 100. | 31. | 0.1 | 0.04 |
| 5750. | 0.1 | 100. | 19. | 0.1 | 0.04 |
| 5751. | 0.3 | 100. | 16. | 0.1 | 0.04 |
| 5752. | 0.1 | 100. | 9. | 0.1 | 0.04 |
| 5753. | 0.1 | 100. | 21. | 0.1 | 0.04 |
| 5754. | 0.1 | 100. | 31. | 0.1 | 0.04 |
| 5755. | 0.6 | 100. | 41. | 0.1 | 0.00 |
| 5756. | 1.8 | 100. | 35. | 0.1 | 0.00 |
| 5757. | 2.9 | 100. | 24. | 0.1 | 0.00 |
| 5758. | 6.4 | 32. | 28. | 0.1 | 0.04 |
| 5759. | 0.1 | 100. | 37. | 0.1 | 0.04 |
| 5760. | 0.1 | 100. | 39. | 0.1 | 0.04 |
| 5761. | 0.9 | 100. | 27. | 0.1 | 0.04 |
| 5762. | 2.6 | 84. | 28. | 0.1 | 0.04 |
| 5763. | 3.1 | 89. | 24. | 0.1 | 0.05 |
| 5764. | 0.4 | 100. | 22. | 0.1 | 0.05 |
| 5765. | 0.8 | 100. | 24. | 0.1 | 0.05 |
| 5770. | 1.0 | 100. | 50. | 0.1 | 0.00 |
| 5771. | 1.8 | 100. | 34. | 0.1 | 0.00 |
| 5772. | 2.2 | 100. | 48. | 0.1 | 0.00 |
| 5774. | 2.7 | 100. | 45. | 0.1 | 0.00 |
| 5775. | 3.0 | 100. | 45. | 0.1 | 0.00 |
| 5776. | 2.3 | 100. | 49. | 0.1 | 0.00 |
| 5782. | 1.4 | 100. | 38. | 0.1 | 0.00 |
| 5783. | 0.3 | 100. | 38. | 0.1 | 0.00 |
| 5793. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 5794. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 5801. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 5802. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 5809. | 1.8 | 100. | 28. | 0.1 | 0.00 |
| 5810. | 0.4 | 100. | 18. | 0.1 | 0.00 |
| 5811. | 0.1 | 100. | 19. | 0.1 | 0.00 |
| 5815. | 0.1 | 100. | 28. | 0.1 | 0.00 |
| 5816. | 1.1 | 100. | 18. | 0.1 | 0.00 |
| 5817. | 1.6 | 100. | 19. | 0.1 | 0.00 |
| 5820. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 5821. | 0.4 | 100. | 50. | 0.1 | 0.00 |
| 5822. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 5823. | 0.2 | 100. | 35. | 0.1 | 0.00 |
| 5827. | 0.4 | 100. | 37. | 0.1 | 0.00 |
| 5828. | 0.4 | 100. | 26. | 0.1 | 0.00 |

DECLASSIFIED

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 5829. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 5830. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 5833. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 5834. | 0.1 | 100. | 37. | 0.1 | 0.00 |
| 5835. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 5836. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 5837. | 0.1 | 100. | 30. | 0.1 | 0.00 |
| 5838. | 0.1 | 100. | 25. | 0.1 | 0.00 |
| 5839. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 5840. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 5841. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 5842. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 5843. | 0.1 | 100. | 34. | 0.1 | 0.00 |
| 5844. | 0.1 | 100. | 30. | 0.1 | 0.00 |
| 5845. | 0.1 | 100. | 26. | 0.1 | 0.00 |
| 5846. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 5847. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 5849. | 0.3 | 100. | 40. | 0.1 | 0.00 |
| 5850. | 0.9 | 100. | 37. | 0.1 | 0.00 |
| 5851. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 5852. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 5853. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 5854. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 5855. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 5856. | 0.1 | 100. | 21. | 0.1 | 0.00 |
| 5857. | 0.1 | 100. | 18. | 0.1 | 0.00 |
| 5858. | 0.1 | 100. | 28. | 0.1 | 0.00 |
| 5859. | 0.2 | 100. | 41. | 0.1 | 0.00 |
| 5860. | 0.1 | 100. | 50. | 0.1 | 0.00 |
| 5861. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 5862. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 5863. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 5864. | 0.1 | 100. | 27. | 0.1 | 0.00 |
| 5865. | 0.5 | 100. | 31. | 0.1 | 0.00 |
| 5866. | 1.8 | 100. | 34. | 0.1 | 0.00 |
| 5867. | 4.7 | 100. | 28. | 0.1 | 0.00 |
| 5868. | 7.6 | 75. | 21. | 0.3 | 0.01 |
| 5869. | 6.6 | 58. | 23. | 0.2 | 0.04 |
| 5870. | 5.7 | 83. | 16. | 0.1 | 0.05 |
| 5871. | 5.0 | 100. | 12. | 0.1 | 0.06 |
| 5872. | 4.4 | 100. | 4. | 0.1 | 0.06 |
| 5873. | 2.6 | 100. | 3. | 0.1 | 0.06 |
| 5874. | 3.6 | 100. | 4. | 0.1 | 0.06 |
| 5875. | 2.9 | 100. | 4. | 0.1 | 0.06 |
| 5876. | 5.5 | 100. | 9. | 0.1 | 0.06 |
| 5877. | 6.2 | 93. | 5. | 0.1 | 0.06 |
| 5878. | 7.6 | 100. | 4. | 0.3 | 0.06 |
| 5879. | 9.1 | 61. | 10. | 0.6 | 0.08 |

DeGolyer Atlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 5880. | 5.7 | 75. | 14. | 0.1 | 0.10 |
| 5881. | 4.1 | 85. | 14. | 0.1 | 0.11 |
| 5882. | 5.5 | 85. | 12. | 0.1 | 0.12 |
| 5883. | 4.9 | 100. | 9. | 0.1 | 0.12 |
| 5884. | 7.0 | 100. | 7. | 0.2 | 0.12 |
| 5885. | 7.9 | 100. | 5. | 0.3 | 0.12 |
| 5886. | 8.4 | 100. | 3. | 0.4 | 0.12 |
| 5887. | 5.8 | 100. | 3. | 0.1 | 0.12 |
| 5888. | 7.4 | 72. | 4. | 0.2 | 0.13 |
| 5889. | 6.4 | 100. | 6. | 0.1 | 0.14 |
| 5890. | 5.6 | 100. | 6. | 0.1 | 0.14 |
| 5891. | 3.3 | 100. | 4. | 0.1 | 0.14 |
| 5892. | 2.5 | 100. | 5. | 0.1 | 0.14 |
| 5893. | 1.4 | 100. | 9. | 0.1 | 0.14 |
| 5894. | 0.1 | 100. | 13. | 0.1 | 0.14 |
| 5895. | 0.4 | 100. | 9. | 0.1 | 0.14 |
| 5896. | 0.1 | 100. | 29. | 0.1 | 0.14 |
| 5900. | 0.1 | 100. | 34. | 0.1 | 0.00 |
| 5901. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 5902. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 5903. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 5907. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 5908. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 5909. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 5910. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 5911. | 0.1 | 100. | 37. | 0.1 | 0.00 |
| 5912. | 0.1 | 100. | 37. | 0.1 | 0.00 |
| 5913. | 0.1 | 100. | 20. | 0.1 | 0.00 |
| 5914. | 0.1 | 100. | 21. | 0.1 | 0.00 |
| 5915. | 0.1 | 100. | 16. | 0.1 | 0.00 |
| 5916. | 0.1 | 100. | 27. | 0.1 | 0.00 |
| 5917. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 5918. | 0.1 | 100. | 33. | 0.1 | 0.00 |
| 5919. | 1.2 | 100. | 38. | 0.1 | 0.00 |
| 5921. | 0.1 | 100. | 27. | 0.1 | 0.00 |
| 5922. | 0.1 | 100. | 8. | 0.1 | 0.00 |
| 5923. | 0.1 | 100. | 16. | 0.1 | 0.00 |
| 5924. | 0.2 | 100. | 44. | 0.1 | 0.00 |
| 5926. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 5927. | 1.1 | 100. | 23. | 0.1 | 0.00 |
| 5928. | 2.5 | 100. | 37. | 0.1 | 0.00 |
| 5929. | 3.1 | 72. | 49. | 0.1 | 0.00 |
| 5930. | 3.1 | 100. | 24. | 0.1 | 0.00 |
| 5931. | 0.8 | 100. | 4. | 0.1 | 0.00 |
| 5932. | 0.4 | 100. | 1. | 0.1 | 0.00 |
| 5933. | 0.1 | 100. | 8. | 0.1 | 0.00 |

DECLASSIFIED

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 5934. | 0.3 | 100. | 44. | 0.1 | 0.00 |
| 5939. | 1.4 | 100. | 45. | 0.1 | 0.00 |
| 5940. | 0.7 | 100. | 38. | 0.1 | 0.00 |
| 5941. | 0.6 | 100. | 42. | 0.1 | 0.00 |
| 5943. | 0.4 | 100. | 34. | 0.1 | 0.00 |
| 5944. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 5948. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 5949. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 5950. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 5951. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 5952. | 0.1 | 100. | 50. | 0.1 | 0.00 |
| 5955. | 1.7 | 100. | 43. | 0.1 | 0.00 |
| 5956. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 5957. | 1.6 | 100. | 27. | 0.1 | 0.00 |
| 5958. | 0.1 | 100. | 23. | 0.1 | 0.00 |
| 5959. | 0.1 | 100. | 33. | 0.1 | 0.00 |
| 5960. | 0.1 | 100. | 39. | 0.1 | 0.00 |
| 5961. | 0.1 | 100. | 30. | 0.1 | 0.00 |
| 5962. | 0.1 | 100. | 20. | 0.1 | 0.00 |
| 5963. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 5964. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 5965. | 0.1 | 100. | 23. | 0.1 | 0.00 |
| 5966. | 0.7 | 100. | 26. | 0.1 | 0.00 |
| 5967. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 5968. | 0.8 | 100. | 49. | 0.1 | 0.00 |
| 5969. | 1.0 | 100. | 47. | 0.1 | 0.00 |
| 5970. | 0.8 | 100. | 37. | 0.1 | 0.00 |
| 5971. | 0.1 | 100. | 39. | 0.1 | 0.00 |
| 5972. | 0.2 | 100. | 46. | 0.1 | 0.00 |
| 5973. | 1.3 | 100. | 37. | 0.1 | 0.00 |
| 5974. | 2.7 | 100. | 38. | 0.1 | 0.00 |
| 5975. | 2.0 | 100. | 34. | 0.1 | 0.00 |
| 5976. | 0.6 | 100. | 32. | 0.1 | 0.00 |
| 5977. | 0.5 | 100. | 48. | 0.1 | 0.00 |
| 5981. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 5982. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 5983. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 5984. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 5985. | 0.3 | 100. | 46. | 0.1 | 0.00 |
| 5986. | 0.6 | 100. | 34. | 0.1 | 0.00 |
| 5987. | 0.1 | 100. | 30. | 0.1 | 0.00 |
| 5988. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 5991. | 1.1 | 100. | 44. | 0.1 | 0.00 |

Dresser Atlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 5993. | 1.3 | 100. | 35. | 0.1 | 0.00 |
| 5994. | 0.4 | 100. | 34. | 0.1 | 0.00 |
| 5995. | 1.1 | 100. | 38. | 0.1 | 0.00 |
| 5996. | 1.4 | 100. | 41. | 0.1 | 0.00 |
| 5997. | 1.2 | 100. | 47. | 0.1 | 0.00 |
| 6001. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 6002. | 2.0 | 100. | 33. | 0.1 | 0.00 |
| 6003. | 1.8 | 100. | 25. | 0.1 | 0.00 |
| 6004. | 3.0 | 100. | 15. | 0.1 | 0.00 |
| 6005. | 3.0 | 100. | 22. | 0.1 | 0.00 |
| 6006. | 1.5 | 100. | 36. | 0.1 | 0.00 |
| 6010. | 1.8 | 100. | 49. | 0.1 | 0.00 |
| 6012. | 0.2 | 100. | 47. | 0.1 | 0.00 |
| 6015. | 0.1 | 100. | 34. | 0.1 | 0.00 |
| 6018. | 0.1 | 100. | 50. | 0.1 | 0.00 |
| 6020. | 1.0 | 100. | 38. | 0.1 | 0.00 |
| 6021. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 6022. | 0.1 | 100. | 34. | 0.1 | 0.00 |
| 6023. | 0.1 | 100. | 30. | 0.1 | 0.00 |
| 6024. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 6026. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 6027. | 0.1 | 100. | 25. | 0.1 | 0.00 |
| 6028. | 1.4 | 100. | 25. | 0.1 | 0.00 |
| 6029. | 0.3 | 100. | 30. | 0.1 | 0.00 |
| 6030. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 6032. | 2.3 | 100. | 41. | 0.1 | 0.00 |
| 6033. | 2.5 | 100. | 45. | 0.1 | 0.00 |
| 6035. | 3.5 | 100. | 30. | 0.1 | 0.00 |
| 6036. | 1.9 | 100. | 14. | 0.1 | 0.00 |
| 6037. | 0.5 | 100. | 21. | 0.1 | 0.00 |
| 6038. | 1.4 | 100. | 42. | 0.1 | 0.00 |
| 6039. | 2.2 | 100. | 44. | 0.1 | 0.00 |
| 6040. | 4.5 | 57. | 48. | 0.1 | 0.00 |
| 6041. | 2.1 | 100. | 31. | 0.1 | 0.00 |
| 6042. | 0.2 | 100. | 10. | 0.1 | 0.00 |
| 6043. | 1.6 | 100. | 0. | 0.1 | 0.00 |
| 6044. | 1.9 | 100. | 0. | 0.1 | 0.00 |
| 6045. | 0.1 | 100. | 12. | 0.1 | 0.00 |
| 6046. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 6055. | 0.5 | 100. | 41. | 0.1 | 0.00 |

DresserAtlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6056. | 2.8 | 100. | 38. | 0.1 | 0.00 |
| 6057. | 1.8 | 100. | 35. | 0.1 | 0.00 |
| 6058. | 2.3 | 100. | 21. | 0.1 | 0.00 |
| 6059. | 1.5 | 100. | 15. | 0.1 | 0.00 |
| 6060. | 2.3 | 100. | 23. | 0.1 | 0.00 |
| 6061. | 1.9 | 100. | 41. | 0.1 | 0.00 |
| 6065. | 4.0 | 60. | 42. | 0.1 | 0.00 |
| 6066. | 0.5 | 100. | 17. | 0.1 | 0.00 |
| 6075. | 0.1 | 100. | 37. | 0.1 | 0.00 |
| 6076. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 6077. | 0.1 | 100. | 37. | 0.1 | 0.00 |
| 6078. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 6079. | 0.1 | 100. | 33. | 0.1 | 0.00 |
| 6080. | 0.7 | 100. | 46. | 0.1 | 0.00 |
| 6081. | 2.0 | 100. | 35. | 0.1 | 0.00 |
| 6082. | 1.8 | 100. | 39. | 0.1 | 0.00 |
| 6083. | 1.4 | 100. | 44. | 0.1 | 0.00 |
| 6085. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 6086. | 0.6 | 100. | 36. | 0.1 | 0.00 |
| 6087. | 0.3 | 100. | 30. | 0.1 | 0.00 |
| 6088. | 1.8 | 100. | 26. | 0.1 | 0.00 |
| 6089. | 1.8 | 100. | 27. | 0.1 | 0.00 |
| 6090. | 3.7 | 100. | 21. | 0.1 | 0.00 |
| 6091. | 2.8 | 100. | 17. | 0.1 | 0.00 |
| 6092. | 1.6 | 100. | 27. | 0.1 | 0.00 |
| 6093. | 2.1 | 100. | 43. | 0.1 | 0.00 |
| 6095. | 3.3 | 100. | 47. | 0.1 | 0.00 |
| 6102. | 1.6 | 100. | 39. | 0.1 | 0.00 |
| 6103. | 0.6 | 100. | 40. | 0.1 | 0.00 |
| 6104. | 0.1 | 100. | 38. | 0.1 | 0.00 |
| 6105. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 6106. | 2.3 | 100. | 24. | 0.1 | 0.00 |
| 6107. | 4.5 | 100. | 30. | 0.1 | 0.00 |
| 6108. | 6.4 | 100. | 24. | 0.1 | 0.00 |
| 6109. | 6.6 | 100. | 13. | 0.1 | 0.00 |
| 6110. | 5.9 | 100. | 6. | 0.1 | 0.00 |
| 6111. | 4.1 | 100. | 0. | 0.1 | 0.00 |
| 6112. | 3.0 | 100. | 0. | 0.1 | 0.00 |
| 6113. | 1.8 | 100. | 0. | 0.1 | 0.00 |
| 6114. | 2.2 | 97. | 24. | 0.1 | 0.00 |
| 6115. | 1.3 | 100. | 13. | 0.1 | 0.00 |
| 6116. | 2.0 | 100. | 6. | 0.1 | 0.00 |
| 6117. | 0.2 | 100. | 0. | 0.1 | 0.00 |
| 6118. | 0.1 | 100. | 0. | 0.1 | 0.00 |
| 6119. | 0.1 | 100. | 0. | 0.1 | 0.00 |

DresserAtlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6120. | 0.1 | 100. | 25. | 0.1 | 0.00 |
| 6121. | 0.1 | 100. | 27. | 0.1 | 0.00 |
| 6122. | 0.1 | 100. | 30. | 0.1 | 0.00 |
| 6123. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 6124. | 0.1 | 100. | 28. | 0.1 | 0.00 |
| 6125. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 6126. | 1.1 | 100. | 31. | 0.1 | 0.00 |
| 6127. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 6128. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 6129. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 6130. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 6131. | 0.1 | 100. | 12. | 0.1 | 0.00 |
| 6132. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 6135. | 0.1 | 100. | 23. | 0.1 | 0.00 |
| 6136. | 0.1 | 100. | 34. | 0.1 | 0.00 |
| 6137. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 6142. | 0.1 | 100. | 28. | 0.1 | 0.00 |
| 6143. | 0.5 | 100. | 32. | 0.1 | 0.00 |
| 6144. | 0.7 | 100. | 46. | 0.1 | 0.00 |
| 6149. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 6150. | 0.8 | 100. | 22. | 0.1 | 0.00 |
| 6151. | 1.0 | 100. | 42. | 0.1 | 0.00 |
| 6155. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 6156. | 0.1 | 100. | 21. | 0.1 | 0.00 |
| 6157. | 0.1 | 100. | 27. | 0.1 | 0.00 |
| 6158. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 6159. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 6168. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 6169. | 0.1 | 100. | 38. | 0.1 | 0.00 |
| 6170. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 6171. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 6172. | 0.1 | 100. | 34. | 0.1 | 0.00 |
| 6173. | 0.1 | 100. | 26. | 0.1 | 0.00 |
| 6174. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 6175. | 0.1 | 100. | 25. | 0.1 | 0.00 |
| 6176. | 0.1 | 100. | 33. | 0.1 | 0.00 |
| 6177. | 0.1 | 100. | 38. | 0.1 | 0.00 |
| 6178. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 6179. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 6180. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 6181. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 6184. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 6185. | 0.1 | 100. | 39. | 0.1 | 0.00 |

DIGERSOFT LOG

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6188. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 6192. | 0.7 | 100. | 26. | 0.1 | 0.00 |
| 6193. | 0.1 | 100. | 28. | 0.1 | 0.00 |
| 6194. | 1.3 | 100. | 44. | 0.1 | 0.00 |
| 6195. | 3.1 | 100. | 23. | 0.1 | 0.00 |
| 6196. | 5.4 | 55. | 16. | 0.1 | 0.01 |
| 6197. | 8.1 | 33. | 12. | 0.4 | 0.06 |
| 6198. | 6.7 | 55. | 5. | 0.2 | 0.10 |
| 6199. | 4.6 | 59. | 5. | 0.1 | 0.12 |
| 6200. | 7.2 | 30. | 5. | 0.2 | 0.16 |
| 6201. | 8.3 | 15. | 8. | 0.4 | 0.23 |
| 6202. | 7.4 | 25. | 8. | 0.3 | 0.29 |
| 6203. | 5.0 | 60. | 6. | 0.1 | 0.32 |
| 6204. | 3.3 | 68. | 6. | 0.1 | 0.34 |
| 6205. | 0.7 | 100. | 2. | 0.1 | 0.34 |
| 6206. | 0.1 | 100. | 14. | 0.1 | 0.34 |
| 6214. | 1.0 | 100. | 43. | 0.1 | 0.00 |
| 6219. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 6220. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 6221. | 0.8 | 100. | 26. | 0.1 | 0.00 |
| 6222. | 1.4 | 100. | 26. | 0.1 | 0.00 |
| 6223. | 3.4 | 67. | 39. | 0.1 | 0.01 |
| 6224. | 3.1 | 71. | 30. | 0.1 | 0.01 |
| 6225. | 3.6 | 64. | 22. | 0.1 | 0.03 |
| 6226. | 3.9 | 61. | 17. | 0.1 | 0.04 |
| 6227. | 4.7 | 56. | 25. | 0.1 | 0.06 |
| 6228. | 3.6 | 64. | 20. | 0.1 | 0.08 |
| 6229. | 4.1 | 78. | 17. | 0.1 | 0.08 |
| 6230. | 5.4 | 88. | 15. | 0.1 | 0.09 |
| 6231. | 6.9 | 68. | 14. | 0.2 | 0.11 |
| 6232. | 6.9 | 69. | 13. | 0.2 | 0.14 |
| 6233. | 6.3 | 74. | 10. | 0.1 | 0.15 |
| 6234. | 5.8 | 53. | 7. | 0.1 | 0.17 |
| 6235. | 6.7 | 45. | 10. | 0.2 | 0.21 |
| 6236. | 7.2 | 52. | 14. | 0.2 | 0.24 |
| 6237. | 7.5 | 26. | 18. | 0.3 | 0.29 |
| 6238. | 7.8 | 33. | 13. | 0.3 | 0.35 |
| 6239. | 8.4 | 3. | 15. | 0.4 | 0.42 |
| 6240. | 7.4 | 25. | 9. | 0.2 | 0.49 |
| 6241. | 6.3 | 67. | 4. | 0.1 | 0.52 |
| 6242. | 6.7 | 57. | 9. | 0.2 | 0.54 |
| 6243. | 7.6 | 41. | 14. | 0.3 | 0.58 |
| 6244. | 7.9 | 54. | 12. | 0.3 | 0.62 |
| 6245. | 8.8 | 45. | 10. | 0.5 | 0.67 |
| 6246. | 4.7 | 62. | 10. | 0.1 | 0.70 |
| 6247. | 5.6 | 71. | 12. | 0.1 | 0.71 |
| 6248. | 5.2 | 66. | 18. | 0.1 | 0.73 |

DresserAtlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6249. | 3.9 | 61. | 29. | 0.1 | 0.75 |
| 6250. | 2.9 | 75. | 34. | 0.1 | 0.00 |
| 6251. | 2.5 | 100. | 6. | 0.1 | 0.00 |
| 6252. | 3.2 | 100. | 10. | 0.1 | 0.00 |
| 6253. | 2.9 | 100. | 21. | 0.1 | 0.00 |
| 6254. | 2.0 | 100. | 26. | 0.1 | 0.00 |
| 6255. | 3.0 | 100. | 31. | 0.1 | 0.00 |
| 6256. | 2.6 | 100. | 35. | 0.1 | 0.00 |
| 6257. | 3.7 | 63. | 33. | 0.1 | 0.01 |
| 6258. | 0.6 | 100. | 26. | 0.1 | 0.02 |
| 6259. | 0.1 | 100. | 18. | 0.1 | 0.02 |
| 6264. | 1.1 | 100. | 45. | 0.1 | 0.00 |
| 6265. | 1.1 | 100. | 46. | 0.1 | 0.00 |
| 6269. | 0.6 | 100. | 41. | 0.1 | 0.00 |
| 6270. | 0.1 | 100. | 25. | 0.1 | 0.00 |
| 6271. | 0.1 | 100. | 15. | 0.1 | 0.00 |
| 6272. | 0.9 | 100. | 15. | 0.1 | 0.00 |
| 6273. | 0.8 | 100. | 37. | 0.1 | 0.00 |
| 6274. | 0.1 | 100. | 33. | 0.1 | 0.00 |
| 6280. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 6281. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 6282. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 6283. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 6284. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 6286. | 1.7 | 100. | 31. | 0.1 | 0.00 |
| 6287. | 1.1 | 100. | 10. | 0.1 | 0.00 |
| 6288. | 0.1 | 100. | 1. | 0.1 | 0.00 |
| 6289. | 0.1 | 100. | 7. | 0.1 | 0.00 |
| 6290. | 0.8 | 100. | 16. | 0.1 | 0.00 |
| 6291. | 0.1 | 100. | 30. | 0.1 | 0.00 |
| 6292. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 6293. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 6294. | 0.2 | 100. | 41. | 0.1 | 0.00 |
| 6295. | 0.5 | 100. | 43. | 0.1 | 0.00 |
| 6302. | 0.1 | 100. | 50. | 0.1 | 0.00 |
| 6303. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 6304. | 0.1 | 100. | 18. | 0.1 | 0.00 |
| 6305. | 0.1 | 100. | 23. | 0.1 | 0.00 |
| 6306. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 6307. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 6310. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 6311. | 0.1 | 100. | 34. | 0.1 | 0.00 |
| 6313. | 0.1 | 100. | 50. | 0.1 | 0.00 |

Dresser Atlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6314. | 0.1 | 100. | 33. | 0.1 | 0.00 |
| 6315. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 6316. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 6317. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 6318. | 0.1 | 100. | 39. | 0.1 | 0.00 |
| 6321. | 0.6 | 100. | 45. | 0.1 | 0.00 |
| 6322. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 6323. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 6324. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 6329. | 0.2 | 100. | 31. | 0.1 | 0.00 |
| 6330. | 0.1 | 100. | 17. | 0.1 | 0.00 |
| 6331. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 6332. | 0.1 | 100. | 50. | 0.1 | 0.00 |
| 6333. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 6336. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 6337. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 6340. | 0.1 | 100. | 39. | 0.1 | 0.00 |
| 6341. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 6342. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 6355. | 0.2 | 100. | 45. | 0.1 | 0.00 |
| 6356. | 0.4 | 100. | 43. | 0.1 | 0.00 |
| 6357. | 0.6 | 100. | 45. | 0.1 | 0.00 |
| 6358. | 0.3 | 100. | 47. | 0.1 | 0.00 |
| 6359. | 0.5 | 100. | 47. | 0.1 | 0.00 |
| 6362. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 6363. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 6364. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 6367. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 6370. | 0.1 | 100. | 25. | 0.1 | 0.00 |
| 6371. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 6373. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 6374. | 0.1 | 100. | 37. | 0.1 | 0.00 |
| 6375. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 6376. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 6381. | 0.6 | 100. | 34. | 0.1 | 0.00 |
| 6382. | 0.7 | 100. | 19. | 0.1 | 0.00 |
| 6383. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 6387. | 0.9 | 100. | 29. | 0.1 | 0.00 |
| 6388. | 0.6 | 100. | 27. | 0.1 | 0.00 |

DresserAtlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6389. | 0.1 | 100. | 26. | 0.1 | 0.00 |
| 6397. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 6398. | 1.0 | 100. | 9. | 0.1 | 0.00 |
| 6399. | 0.1 | 100. | 1. | 0.1 | 0.00 |
| 6400. | 0.1 | 100. | 3. | 0.1 | 0.00 |
| 6401. | 0.1 | 100. | 9. | 0.1 | 0.00 |
| 6402. | 0.1 | 100. | 25. | 0.1 | 0.00 |
| 6403. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 6404. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 6405. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 6409. | 0.1 | 100. | 38. | 0.1 | 0.00 |
| 6410. | 0.1 | 100. | 26. | 0.1 | 0.00 |
| 6411. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 6412. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 6413. | 0.1 | 100. | 50. | 0.1 | 0.00 |
| 6414. | 0.1 | 100. | 27. | 0.1 | 0.00 |
| 6415. | 0.1 | 100. | 15. | 0.1 | 0.00 |
| 6416. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 6417. | 0.1 | 100. | 37. | 0.1 | 0.00 |
| 6418. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 6420. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 6421. | 0.1 | 100. | 38. | 0.1 | 0.00 |
| 6422. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 6423. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 6435. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 6436. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 6437. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 6439. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 6440. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 6443. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 6449. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 6452. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 6453. | 0.1 | 100. | 34. | 0.1 | 0.00 |
| 6454. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 6455. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 6456. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 6457. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 6458. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 6459. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 6460. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 6461. | 0.1 | 100. | 46. | 0.1 | 0.00 |

DRILLSTAR LAB

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6469. | 0.1 | 100. | 37. | 0.1 | 0.00 |
| 6470. | 0.1 | 100. | 39. | 0.1 | 0.00 |
| 6471. | 2.1 | 100. | 28. | 0.1 | 0.00 |
| 6472. | 3.7 | 100. | 19. | 0.1 | 0.00 |
| 6473. | 6.0 | 74. | 9. | 0.1 | 0.01 |
| 6474. | 7.3 | 84. | 2. | 0.2 | 0.02 |
| 6475. | 7.8 | 82. | 7. | 0.3 | 0.03 |
| 6476. | 6.1 | 81. | 6. | 0.1 | 0.05 |
| 6477. | 0.7 | 100. | 4. | 0.1 | 0.05 |
| 6478. | 0.1 | 100. | 11. | 0.1 | 0.05 |
| 6479. | 0.1 | 100. | 25. | 0.1 | 0.05 |
| 6494. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 6495. | 0.1 | 100. | 34. | 0.1 | 0.00 |
| 6496. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 6497. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 6498. | 0.1 | 100. | 37. | 0.1 | 0.00 |
| 6499. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 6502. | 0.4 | 100. | 38. | 0.1 | 0.00 |
| 6503. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 6506. | 0.1 | 100. | 39. | 0.1 | 0.00 |
| 6507. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 6509. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 6510. | 0.1 | 100. | 28. | 0.1 | 0.00 |
| 6511. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 6512. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 6513. | 0.1 | 100. | 26. | 0.1 | 0.00 |
| 6514. | 1.5 | 100. | 20. | 0.1 | 0.00 |
| 6515. | 0.6 | 100. | 20. | 0.1 | 0.00 |
| 6516. | 0.1 | 100. | 25. | 0.1 | 0.00 |
| 6517. | 0.9 | 100. | 26. | 0.1 | 0.00 |
| 6518. | 4.9 | 56. | 24. | 0.1 | 0.01 |
| 6519. | 5.5 | 73. | 15. | 0.1 | 0.03 |
| 6520. | 5.8 | 42. | 11. | 0.1 | 0.06 |
| 6521. | 4.7 | 56. | 8. | 0.1 | 0.09 |
| 6522. | 5.0 | 56. | 5. | 0.1 | 0.11 |
| 6523. | 5.8 | 60. | 0. | 0.1 | 0.14 |
| 6524. | 3.5 | 100. | 0. | 0.1 | 0.14 |
| 6525. | 0.1 | 100. | 37. | 0.1 | 0.14 |
| 6531. | 0.3 | 100. | 47. | 0.1 | 0.00 |
| 6532. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 6534. | 0.2 | 100. | 45. | 0.1 | 0.00 |
| 6545. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 6546. | 0.1 | 100. | 31. | 0.1 | 0.00 |

DEGOLYER AND MACNAUGHTON

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6547. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 6548. | 0.1 | 100. | 39. | 0.1 | 0.00 |
| 6550. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 6551. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 6552. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 6553. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 6563. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 6567. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 6569. | 0.1 | 100. | 27. | 0.1 | 0.00 |
| 6570. | 0.1 | 100. | 25. | 0.1 | 0.00 |
| 6571. | 0.1 | 100. | 28. | 0.1 | 0.00 |
| 6572. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 6573. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 6574. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 6576. | 0.3 | 100. | 43. | 0.1 | 0.00 |
| 6580. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 6581. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 6583. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 6584. | 0.2 | 100. | 48. | 0.1 | 0.00 |
| 6585. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 6586. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 6591. | 0.2 | 100. | 42. | 0.1 | 0.00 |
| 6592. | 0.7 | 100. | 45. | 0.1 | 0.00 |
| 6598. | 0.1 | 100. | 33. | 0.1 | 0.00 |
| 6599. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 6600. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 6601. | 0.1 | 100. | 33. | 0.1 | 0.00 |
| 6602. | 0.1 | 100. | 21. | 0.1 | 0.00 |
| 6603. | 0.1 | 100. | 16. | 0.1 | 0.00 |
| 6604. | 0.1 | 100. | 20. | 0.1 | 0.00 |
| 6605. | 0.3 | 100. | 33. | 0.1 | 0.00 |
| 6606. | 0.6 | 100. | 49. | 0.1 | 0.00 |
| 6609. | 0.2 | 100. | 44. | 0.1 | 0.00 |
| 6610. | 0.5 | 100. | 48. | 0.1 | 0.00 |
| 6611. | 0.6 | 100. | 48. | 0.1 | 0.00 |
| 6614. | 0.1 | 100. | 21. | 0.1 | 0.00 |
| 6615. | 0.1 | 100. | 30. | 0.1 | 0.00 |
| 6616. | 0.1 | 100. | 37. | 0.1 | 0.00 |
| 6617. | 0.1 | 100. | 17. | 0.1 | 0.00 |

Dresser Atlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6618. | 0.4 | 100. | 19. | 0.1 | 0.00 |
| 6619. | 0.1 | 100. | 15. | 0.1 | 0.00 |
| 6620. | 0.1 | 100. | 11. | 0.1 | 0.00 |
| 6621. | 0.1 | 100. | 6. | 0.1 | 0.00 |
| 6622. | 0.1 | 100. | 9. | 0.1 | 0.00 |
| 6623. | 0.1 | 100. | 27. | 0.1 | 0.00 |
| 6624. | 0.2 | 100. | 30. | 0.1 | 0.00 |
| 6625. | 0.1 | 100. | 27. | 0.1 | 0.00 |
| 6626. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 6627. | 0.1 | 100. | 16. | 0.1 | 0.00 |
| 6628. | 0.1 | 100. | 15. | 0.1 | 0.00 |
| 6629. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 6630. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 6631. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 6632. | 0.1 | 100. | 23. | 0.1 | 0.00 |
| 6633. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 6634. | 0.1 | 100. | 26. | 0.1 | 0.00 |
| 6635. | 0.1 | 100. | 30. | 0.1 | 0.00 |
| 6638. | 0.1 | 100. | 16. | 0.1 | 0.00 |
| 6639. | 0.2 | 100. | 24. | 0.1 | 0.00 |
| 6640. | 1.1 | 100. | 24. | 0.1 | 0.00 |
| 6641. | 0.1 | 100. | 21. | 0.1 | 0.00 |
| 6642. | 0.1 | 100. | 17. | 0.1 | 0.00 |
| 6643. | 0.1 | 100. | 18. | 0.1 | 0.00 |
| 6644. | 0.1 | 100. | 20. | 0.1 | 0.00 |
| 6645. | 0.1 | 100. | 18. | 0.1 | 0.00 |
| 6646. | 0.1 | 100. | 19. | 0.1 | 0.00 |
| 6647. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 6648. | 0.1 | 100. | 28. | 0.1 | 0.00 |
| 6649. | 0.1 | 100. | 28. | 0.1 | 0.00 |
| 6650. | 0.1 | 100. | 20. | 0.1 | 0.00 |
| 6651. | 0.1 | 100. | 12. | 0.1 | 0.00 |
| 6652. | 0.1 | 100. | 1. | 0.1 | 0.00 |
| 6653. | 0.1 | 100. | 0. | 0.1 | 0.00 |
| 6654. | 0.1 | 100. | 2. | 0.1 | 0.00 |
| 6655. | 1.2 | 100. | 23. | 0.1 | 0.00 |
| 6656. | 0.5 | 100. | 10. | 0.1 | 0.00 |
| 6657. | 1.5 | 100. | 0. | 0.1 | 0.00 |
| 6658. | 2.0 | 100. | 0. | 0.1 | 0.00 |
| 6659. | 3.0 | 73. | 0. | 0.1 | 0.01 |
| 6660. | 2.3 | 100. | 0. | 0.1 | 0.01 |
| 6661. | 0.1 | 100. | 2. | 0.1 | 0.01 |
| 6664. | 0.1 | 100. | 23. | 0.1 | 0.00 |
| 6665. | 0.1 | 100. | 26. | 0.1 | 0.00 |
| 6667. | 0.1 | 100. | 17. | 0.1 | 0.00 |
| 6668. | 0.1 | 100. | 11. | 0.1 | 0.00 |
| 6669. | 0.1 | 100. | 7. | 0.1 | 0.00 |

Dresser Atlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6670. | 0.4 | 100. | 4. | 0.1 | 0.00 |
| 6671. | 1.1 | 100. | 19. | 0.1 | 0.00 |
| 6672. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 6673. | 0.1 | 100. | 8. | 0.1 | 0.00 |
| 6674. | 0.2 | 100. | 0. | 0.1 | 0.00 |
| 6675. | 0.1 | 100. | 3. | 0.1 | 0.00 |
| 6676. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 6677. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 6678. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 6679. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 6684. | 0.1 | 100. | 34. | 0.1 | 0.00 |
| 6685. | 0.2 | 100. | 40. | 0.1 | 0.00 |
| 6694. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 6695. | 0.1 | 100. | 21. | 0.1 | 0.00 |
| 6696. | 0.1 | 100. | 22. | 0.1 | 0.00 |
| 6697. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 6698. | 0.1 | 100. | 21. | 0.1 | 0.00 |
| 6699. | 0.1 | 100. | 19. | 0.1 | 0.00 |
| 6700. | 0.3 | 100. | 40. | 0.1 | 0.00 |
| 6703. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 6704. | 0.1 | 100. | 30. | 0.1 | 0.00 |
| 6705. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 6706. | 0.1 | 100. | 28. | 0.1 | 0.00 |
| 6707. | 0.1 | 100. | 33. | 0.1 | 0.00 |
| 6708. | 0.1 | 100. | 37. | 0.1 | 0.00 |
| 6709. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 6711. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 6712. | 0.1 | 100. | 26. | 0.1 | 0.00 |
| 6713. | 0.1 | 100. | 28. | 0.1 | 0.00 |
| 6714. | 0.1 | 100. | 25. | 0.1 | 0.00 |
| 6718. | 0.1 | 100. | 33. | 0.1 | 0.00 |
| 6719. | 0.1 | 100. | 19. | 0.1 | 0.00 |
| 6724. | 0.1 | 100. | 13. | 0.1 | 0.00 |
| 6725. | 0.1 | 100. | 8. | 0.1 | 0.00 |
| 6726. | 0.1 | 100. | 13. | 0.1 | 0.00 |
| 6727. | 0.1 | 100. | 10. | 0.1 | 0.00 |
| 6728. | 0.1 | 100. | 11. | 0.1 | 0.00 |
| 6729. | 0.1 | 100. | 19. | 0.1 | 0.00 |
| 6730. | 0.1 | 100. | 27. | 0.1 | 0.00 |
| 6731. | 0.1 | 100. | 33. | 0.1 | 0.00 |
| 6732. | 0.1 | 100. | 27. | 0.1 | 0.00 |
| 6733. | 0.1 | 100. | 20. | 0.1 | 0.00 |
| 6734. | 0.1 | 100. | 16. | 0.1 | 0.00 |
| 6735. | 0.1 | 100. | 7. | 0.1 | 0.00 |

DresserAtlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6736. | 0.3 | 100. | 3. | 0.1 | 0.00 |
| 6737. | 1.7 | 100. | 8. | 0.1 | 0.00 |
| 6738. | 1.6 | 100. | 18. | 0.1 | 0.00 |
| 6739. | 1.5 | 100. | 25. | 0.1 | 0.00 |
| 6740. | 1.0 | 100. | 32. | 0.1 | 0.00 |
| 6741. | 1.0 | 100. | 40. | 0.1 | 0.00 |
| 6743. | 1.8 | 100. | 42. | 0.1 | 0.00 |
| 6744. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 6745. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 6746. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 6747. | 0.1 | 100. | 20. | 0.1 | 0.00 |
| 6748. | 0.1 | 100. | 12. | 0.1 | 0.00 |
| 6749. | 0.1 | 100. | 20. | 0.1 | 0.00 |
| 6750. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 6751. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 6752. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 6753. | 0.1 | 100. | 17. | 0.1 | 0.00 |
| 6754. | 0.1 | 100. | 17. | 0.1 | 0.00 |
| 6755. | 0.1 | 100. | 17. | 0.1 | 0.00 |
| 6756. | 1.1 | 100. | 15. | 0.1 | 0.00 |
| 6757. | 0.1 | 100. | 12. | 0.1 | 0.00 |
| 6758. | 0.1 | 100. | 16. | 0.1 | 0.00 |
| 6759. | 0.4 | 100. | 26. | 0.1 | 0.00 |
| 6760. | 1.7 | 100. | 18. | 0.1 | 0.00 |
| 6761. | 3.1 | 72. | 11. | 0.1 | 0.01 |
| 6762. | 4.0 | 75. | 3. | 0.1 | 0.02 |
| 6763. | 4.2 | 100. | 0. | 0.1 | 0.02 |
| 6764. | 3.9 | 100. | 0. | 0.1 | 0.02 |
| 6765. | 4.4 | 100. | 0. | 0.1 | 0.02 |
| 6766. | 2.8 | 100. | 3. | 0.1 | 0.02 |
| 6767. | 1.4 | 100. | 3. | 0.1 | 0.02 |
| 6768. | 0.1 | 100. | 7. | 0.1 | 0.02 |
| 6769. | 0.1 | 100. | 12. | 0.1 | 0.02 |
| 6770. | 0.1 | 100. | 7. | 0.1 | 0.02 |
| 6771. | 0.1 | 100. | 11. | 0.1 | 0.02 |
| 6772. | 0.1 | 100. | 37. | 0.1 | 0.02 |
| 6773. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 6774. | 0.1 | 100. | 17. | 0.1 | 0.00 |
| 6775. | 0.1 | 100. | 14. | 0.1 | 0.00 |
| 6776. | 0.1 | 100. | 12. | 0.1 | 0.00 |
| 6777. | 0.1 | 100. | 13. | 0.1 | 0.00 |
| 6778. | 0.1 | 100. | 15. | 0.1 | 0.00 |
| 6779. | 0.1 | 100. | 15. | 0.1 | 0.00 |
| 6780. | 0.1 | 100. | 17. | 0.1 | 0.00 |
| 6781. | 1.0 | 100. | 19. | 0.1 | 0.00 |
| 6782. | 0.1 | 100. | 34. | 0.1 | 0.00 |
| 6783. | 0.1 | 100. | 39. | 0.1 | 0.00 |
| 6784. | 0.1 | 100. | 11. | 0.1 | 0.00 |
| 6785. | 0.1 | 100. | 19. | 0.1 | 0.00 |

DESERET Lab

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6786. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 6787. | 0.1 | 100. | 22. | 0.1 | 0.00 |
| 6788. | 0.1 | 100. | 21. | 0.1 | 0.00 |
| 6789. | 0.1 | 100. | 23. | 0.1 | 0.00 |
| 6790. | 0.1 | 100. | 20. | 0.1 | 0.00 |
| 6791. | 0.1 | 100. | 13. | 0.1 | 0.00 |
| 6792. | 0.1 | 100. | 18. | 0.1 | 0.00 |
| 6793. | 0.1 | 100. | 22. | 0.1 | 0.00 |
| 6794. | 0.1 | 100. | 22. | 0.1 | 0.00 |
| 6795. | 1.2 | 100. | 37. | 0.1 | 0.00 |
| 6796. | 1.5 | 100. | 21. | 0.1 | 0.00 |
| 6797. | 1.0 | 100. | 24. | 0.1 | 0.00 |
| 6798. | 0.2 | 100. | 32. | 0.1 | 0.00 |
| 6799. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 6808. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 6809. | 0.1 | 100. | 22. | 0.1 | 0.00 |
| 6810. | 0.1 | 100. | 26. | 0.1 | 0.00 |
| 6811. | 0.1 | 100. | 33. | 0.1 | 0.00 |
| 6812. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 6813. | 0.1 | 100. | 14. | 0.1 | 0.00 |
| 6814. | 0.1 | 100. | 23. | 0.1 | 0.00 |
| 6815. | 0.1 | 100. | 39. | 0.1 | 0.00 |
| 6817. | 0.1 | 100. | 28. | 0.1 | 0.00 |
| 6818. | 0.1 | 100. | 18. | 0.1 | 0.00 |
| 6819. | 0.1 | 100. | 12. | 0.1 | 0.00 |
| 6820. | 0.1 | 100. | 15. | 0.1 | 0.00 |
| 6821. | 0.1 | 100. | 15. | 0.1 | 0.00 |
| 6822. | 0.1 | 100. | 4. | 0.1 | 0.00 |
| 6823. | 0.1 | 100. | 1. | 0.1 | 0.00 |
| 6824. | 0.1 | 100. | 1. | 0.1 | 0.00 |
| 6825. | 0.6 | 100. | 0. | 0.1 | 0.00 |
| 6826. | 0.8 | 100. | 27. | 0.1 | 0.00 |
| 6827. | 0.1 | 100. | 16. | 0.1 | 0.00 |
| 6828. | 0.1 | 100. | 12. | 0.1 | 0.00 |
| 6829. | 0.1 | 100. | 22. | 0.1 | 0.00 |
| 6830. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 6831. | 0.1 | 100. | 39. | 0.1 | 0.00 |
| 6832. | 0.1 | 100. | 21. | 0.1 | 0.00 |
| 6833. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 6836. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 6837. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 6838. | 0.1 | 100. | 28. | 0.1 | 0.00 |
| 6839. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 6840. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 6841. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 6842. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 6843. | 0.1 | 100. | 35. | 0.1 | 0.00 |

DECLASSIFIED

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6844. | 0.1 | 100. | 34. | 0.1 | 0.00 |
| 6845. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 6846. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 6847. | 1.1 | 100. | 30. | 0.1 | 0.00 |
| 6848. | 2.5 | 100. | 40. | 0.1 | 0.00 |
| 6849. | 0.3 | 100. | 45. | 0.1 | 0.00 |
| 6850. | 0.3 | 100. | 27. | 0.1 | 0.00 |
| 6851. | 0.8 | 100. | 33. | 0.1 | 0.00 |
| 6852. | 1.2 | 100. | 47. | 0.1 | 0.00 |
| 6853. | 1.2 | 100. | 46. | 0.1 | 0.00 |
| 6854. | 2.0 | 100. | 42. | 0.1 | 0.00 |
| 6855. | 2.0 | 100. | 28. | 0.1 | 0.00 |
| 6856. | 1.3 | 100. | 18. | 0.1 | 0.00 |
| 6857. | 0.1 | 100. | 0. | 0.1 | 0.00 |
| 6858. | 0.1 | 100. | 9. | 0.1 | 0.00 |
| 6868. | 0.1 | 100. | 26. | 0.1 | 0.00 |
| 6869. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 6870. | 0.1 | 100. | 19. | 0.1 | 0.00 |
| 6871. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 6872. | 0.9 | 100. | 41. | 0.1 | 0.00 |
| 6873. | 0.1 | 100. | 37. | 0.1 | 0.00 |
| 6874. | 0.1 | 100. | 19. | 0.1 | 0.00 |
| 6875. | 0.1 | 100. | 14. | 0.1 | 0.00 |
| 6876. | 0.1 | 100. | 12. | 0.1 | 0.00 |
| 6877. | 0.1 | 100. | 15. | 0.1 | 0.00 |
| 6878. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 6884. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 6885. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 6886. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 6888. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 6890. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 6891. | 0.1 | 100. | 15. | 0.1 | 0.00 |
| 6892. | 0.1 | 100. | 22. | 0.1 | 0.00 |
| 6893. | 0.1 | 100. | 39. | 0.1 | 0.00 |
| 6894. | 0.1 | 100. | 27. | 0.1 | 0.00 |
| 6895. | 0.1 | 100. | 14. | 0.1 | 0.00 |
| 6896. | 0.1 | 100. | 10. | 0.1 | 0.00 |
| 6897. | 0.1 | 100. | 7. | 0.1 | 0.00 |
| 6898. | 0.1 | 100. | 11. | 0.1 | 0.00 |
| 6899. | 0.1 | 100. | 13. | 0.1 | 0.00 |
| 6900. | 0.7 | 100. | 9. | 0.1 | 0.00 |
| 6901. | 0.7 | 100. | 9. | 0.1 | 0.00 |
| 6902. | 0.1 | 100. | 3. | 0.1 | 0.00 |
| 6903. | 0.7 | 100. | 5. | 0.1 | 0.00 |
| 6904. | 0.8 | 100. | 9. | 0.1 | 0.00 |
| 6905. | 0.1 | 100. | 7. | 0.1 | 0.00 |

DEPTSPEC Inc

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6906. | 1.1 | 100. | 7. | 0.1 | 0.00 |
| 6907. | 0.8 | 100. | 11. | 0.1 | 0.00 |
| 6908. | 0.9 | 100. | 15. | 0.1 | 0.00 |
| 6909. | 1.0 | 100. | 21. | 0.1 | 0.00 |
| 6910. | 2.8 | 78. | 18. | 0.1 | 0.00 |
| 6911. | 3.4 | 78. | 0. | 0.1 | 0.01 |
| 6912. | 4.4 | 100. | 1. | 0.1 | 0.01 |
| 6913. | 5.6 | 88. | 3. | 0.1 | 0.02 |
| 6914. | 4.0 | 85. | 3. | 0.1 | 0.02 |
| 6915. | 3.3 | 68. | 7. | 0.1 | 0.03 |
| 6916. | 1.6 | 100. | 11. | 0.1 | 0.03 |
| 6917. | 0.9 | 100. | 14. | 0.1 | 0.03 |
| 6918. | 0.7 | 100. | 16. | 0.1 | 0.03 |
| 6919. | 2.6 | 83. | 8. | 0.1 | 0.04 |
| 6920. | 2.8 | 77. | 6. | 0.1 | 0.04 |
| 6921. | 3.6 | 64. | 7. | 0.1 | 0.05 |
| 6922. | 2.3 | 92. | 10. | 0.1 | 0.05 |
| 6923. | 1.4 | 100. | 12. | 0.1 | 0.05 |
| 6924. | 1.2 | 100. | 20. | 0.1 | 0.05 |
| 6925. | 0.1 | 100. | 28. | 0.1 | 0.05 |
| 6926. | 0.1 | 100. | 36. | 0.1 | 0.05 |
| 6927. | 0.1 | 100. | 25. | 0.1 | 0.05 |
| 6928. | 0.1 | 100. | 32. | 0.1 | 0.05 |
| 6929. | 0.1 | 100. | 34. | 0.1 | 0.05 |
| 6930. | 0.1 | 100. | 38. | 0.1 | 0.05 |
| 6931. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 6932. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 6937. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 6938. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 6939. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 6940. | 0.1 | 100. | 23. | 0.1 | 0.00 |
| 6941. | 1.0 | 100. | 35. | 0.1 | 0.00 |
| 6942. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 6945. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 6951. | 1.0 | 100. | 37. | 0.1 | 0.00 |
| 6952. | 0.7 | 100. | 15. | 0.1 | 0.00 |
| 6953. | 0.1 | 100. | 12. | 0.1 | 0.00 |
| 6954. | 0.1 | 100. | 27. | 0.1 | 0.00 |
| 6955. | 0.1 | 100. | 17. | 0.1 | 0.00 |
| 6956. | 0.1 | 100. | 18. | 0.1 | 0.00 |
| 6957. | 0.1 | 100. | 26. | 0.1 | 0.00 |
| 6958. | 0.1 | 100. | 21. | 0.1 | 0.00 |
| 6959. | 0.1 | 100. | 27. | 0.1 | 0.00 |
| 6960. | 0.1 | 100. | 38. | 0.1 | 0.00 |
| 6961. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 6962. | 0.1 | 100. | 17. | 0.1 | 0.00 |
| 6963. | 0.2 | 100. | 35. | 0.1 | 0.00 |

DESERET Lab

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6967. | 1.1 | 100. | 47. | 0.1 | 0.00 |
| 6968. | 0.1 | 100. | 28. | 0.1 | 0.00 |
| 6969. | 0.1 | 100. | 30. | 0.1 | 0.00 |
| 6970. | 0.1 | 100. | 33. | 0.1 | 0.00 |
| 6971. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 6972. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 6973. | 0.1 | 100. | 39. | 0.1 | 0.00 |
| 6974. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 6975. | 0.1 | 100. | 33. | 0.1 | 0.00 |
| 6976. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 6977. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 6978. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 6979. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 6982. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 6983. | 0.1 | 100. | 25. | 0.1 | 0.00 |
| 6984. | 0.1 | 100. | 25. | 0.1 | 0.00 |
| 6985. | 0.1 | 100. | 25. | 0.1 | 0.00 |
| 6986. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 6987. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 6988. | 0.1 | 100. | 38. | 0.1 | 0.00 |
| 6989. | 0.1 | 100. | 26. | 0.1 | 0.00 |
| 6990. | 0.1 | 100. | 20. | 0.1 | 0.00 |
| 6991. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 6993. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 6995. | 0.5 | 100. | 48. | 0.1 | 0.00 |
| 6999. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 7001. | 0.7 | 100. | 38. | 0.1 | 0.00 |
| 7002. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 7008. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 7009. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 7010. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 7011. | 0.1 | 100. | 25. | 0.1 | 0.00 |
| 7012. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 7013. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 7019. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 7020. | 1.5 | 100. | 40. | 0.1 | 0.00 |
| 7021. | 0.2 | 100. | 17. | 0.1 | 0.00 |
| 7022. | 0.6 | 100. | 24. | 0.1 | 0.00 |
| 7024. | 0.8 | 100. | 24. | 0.1 | 0.00 |
| 7028. | 0.9 | 100. | 29. | 0.1 | 0.00 |

DresserAtlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7029. | 0.1 | 100. | 22. | 0.1 | 0.00 |
| 7030. | 0.1 | 100. | 25. | 0.1 | 0.00 |
| 7031. | 0.1 | 100. | 27. | 0.1 | 0.00 |
| 7032. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 7033. | 0.1 | 100. | 28. | 0.1 | 0.00 |
| 7034. | 0.1 | 100. | 20. | 0.1 | 0.00 |
| 7035. | 0.1 | 100. | 21. | 0.1 | 0.00 |
| 7036. | 0.1 | 100. | 22. | 0.1 | 0.00 |
| 7037. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 7038. | 0.1 | 100. | 15. | 0.1 | 0.00 |
| 7039. | 0.1 | 100. | 8. | 0.1 | 0.00 |
| 7040. | 1.3 | 100. | 12. | 0.1 | 0.00 |
| 7041. | 0.4 | 100. | 24. | 0.1 | 0.00 |
| 7045. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 7046. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 7047. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 7048. | 0.1 | 100. | 34. | 0.1 | 0.00 |
| 7049. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 7050. | 0.1 | 100. | 23. | 0.1 | 0.00 |
| 7051. | 0.5 | 100. | 27. | 0.1 | 0.00 |
| 7052. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 7053. | 0.4 | 100. | 21. | 0.1 | 0.00 |
| 7054. | 1.1 | 100. | 15. | 0.1 | 0.00 |
| 7055. | 0.8 | 100. | 14. | 0.1 | 0.00 |
| 7056. | 0.9 | 100. | 42. | 0.1 | 0.00 |
| 7058. | 1.0 | 100. | 37. | 0.1 | 0.00 |
| 7059. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 7060. | 0.1 | 100. | 23. | 0.1 | 0.00 |
| 7061. | 0.1 | 100. | 21. | 0.1 | 0.00 |
| 7062. | 0.1 | 100. | 23. | 0.1 | 0.00 |
| 7063. | 0.1 | 100. | 16. | 0.1 | 0.00 |
| 7064. | 0.1 | 100. | 14. | 0.1 | 0.00 |
| 7065. | 0.9 | 100. | 12. | 0.1 | 0.00 |
| 7069. | 1.2 | 100. | 26. | 0.1 | 0.00 |
| 7070. | 1.6 | 100. | 13. | 0.1 | 0.00 |
| 7071. | 1.3 | 100. | 6. | 0.1 | 0.00 |
| 7072. | 2.1 | 100. | 0. | 0.1 | 0.00 |
| 7073. | 2.6 | 84. | 0. | 0.1 | 0.01 |
| 7074. | 3.7 | 62. | 2. | 0.1 | 0.02 |
| 7075. | 6.4 | 40. | 3. | 0.1 | 0.05 |
| 7076. | 6.4 | 100. | 2. | 0.1 | 0.06 |
| 7077. | 7.7 | 96. | 4. | 0.3 | 0.06 |
| 7078. | 6.6 | 99. | 1. | 0.2 | 0.07 |
| 7079. | 4.9 | 100. | 0. | 0.1 | 0.07 |
| 7080. | 5.2 | 100. | 1. | 0.1 | 0.07 |
| 7081. | 5.9 | 99. | 1. | 0.1 | 0.07 |
| 7082. | 4.6 | 100. | 0. | 0.1 | 0.07 |

DECASON lab

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7083. | 5.3 | 90. | 0. | 0.1 | 0.08 |
| 7084. | 6.0 | 81. | 0. | 0.1 | 0.09 |
| 7085. | 6.1 | 65. | 1. | 0.1 | 0.11 |
| 7086. | 5.3 | 44. | 5. | 0.1 | 0.13 |
| 7087. | 3.7 | 89. | 7. | 0.1 | 0.14 |
| 7088. | 1.8 | 100. | 15. | 0.1 | 0.14 |
| 7098. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 7099. | 0.1 | 100. | 39. | 0.1 | 0.00 |
| 7100. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 7101. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 7106. | 2.0 | 100. | 45. | 0.1 | 0.00 |
| 7107. | 1.8 | 100. | 41. | 0.1 | 0.00 |
| 7108. | 0.1 | 100. | 37. | 0.1 | 0.00 |
| 7109. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 7110. | 0.1 | 100. | 3. | 0.1 | 0.00 |
| 7111. | 0.1 | 100. | 0. | 0.1 | 0.00 |
| 7112. | 0.3 | 100. | 4. | 0.1 | 0.00 |
| 7113. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 7116. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 7117. | 0.1 | 100. | 30. | 0.1 | 0.00 |
| 7118. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 7119. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 7125. | 0.1 | 100. | 28. | 0.1 | 0.00 |
| 7126. | 0.1 | 100. | 22. | 0.1 | 0.00 |
| 7127. | 0.1 | 100. | 18. | 0.1 | 0.00 |
| 7128. | 0.1 | 100. | 22. | 0.1 | 0.00 |
| 7129. | 0.1 | 100. | 28. | 0.1 | 0.00 |
| 7130. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 7131. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 7132. | 0.1 | 100. | 13. | 0.1 | 0.00 |
| 7133. | 0.1 | 100. | 17. | 0.1 | 0.00 |
| 7134. | 0.1 | 100. | 15. | 0.1 | 0.00 |
| 7135. | 0.1 | 100. | 30. | 0.1 | 0.00 |
| 7136. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 7137. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 7143. | 0.7 | 100. | 41. | 0.1 | 0.00 |
| 7144. | 0.4 | 100. | 35. | 0.1 | 0.00 |
| 7145. | 1.0 | 100. | 43. | 0.1 | 0.00 |
| 7150. | 3.3 | 100. | 44. | 0.1 | 0.00 |
| 7151. | 2.0 | 100. | 33. | 0.1 | 0.00 |
| 7152. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 7153. | 0.1 | 100. | 38. | 0.1 | 0.00 |
| 7154. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 7155. | 0.1 | 100. | 23. | 0.1 | 0.00 |

Dropsafe

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7156. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 7164. | 0.1 | 100. | 22. | 0.1 | 0.00 |
| 7165. | 0.1 | 100. | 5. | 0.1 | 0.00 |
| 7166. | 0.2 | 100. | 12. | 0.1 | 0.00 |
| 7167. | 0.5 | 100. | 45. | 0.1 | 0.00 |
| 7172. | 0.1 | 100. | 38. | 0.1 | 0.00 |
| 7173. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 7174. | 0.4 | 100. | 39. | 0.1 | 0.00 |
| 7176. | 0.6 | 100. | 37. | 0.1 | 0.00 |
| 7177. | 1.5 | 100. | 30. | 0.1 | 0.00 |
| 7178. | 1.3 | 100. | 27. | 0.1 | 0.00 |
| 7179. | 0.1 | 100. | 13. | 0.1 | 0.00 |
| 7180. | 0.1 | 100. | 15. | 0.1 | 0.00 |
| 7181. | 0.1 | 100. | 6. | 0.1 | 0.00 |
| 7182. | 0.1 | 100. | 5. | 0.1 | 0.00 |
| 7183. | 0.1 | 100. | 8. | 0.1 | 0.00 |
| 7184. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 7185. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 7187. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 7188. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 7189. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 7191. | 2.1 | 100. | 41. | 0.1 | 0.00 |
| 7192. | 1.7 | 100. | 27. | 0.1 | 0.00 |
| 7193. | 0.8 | 100. | 21. | 0.1 | 0.00 |
| 7194. | 1.3 | 100. | 23. | 0.1 | 0.00 |
| 7195. | 1.6 | 100. | 27. | 0.1 | 0.00 |
| 7196. | 2.3 | 100. | 40. | 0.1 | 0.00 |
| 7197. | 2.5 | 100. | 47. | 0.1 | 0.00 |
| 7198. | 2.6 | 100. | 29. | 0.1 | 0.00 |
| 7199. | 3.3 | 100. | 23. | 0.1 | 0.00 |
| 7200. | 2.2 | 100. | 35. | 0.1 | 0.00 |
| 7201. | 2.2 | 100. | 39. | 0.1 | 0.00 |
| 7202. | 2.7 | 100. | 42. | 0.1 | 0.00 |
| 7203. | 3.3 | 100. | 34. | 0.1 | 0.00 |
| 7204. | 2.9 | 100. | 22. | 0.1 | 0.00 |
| 7205. | 0.1 | 100. | 27. | 0.1 | 0.00 |
| 7206. | 0.1 | 100. | 30. | 0.1 | 0.00 |
| 7207. | 0.1 | 100. | 26. | 0.1 | 0.00 |
| 7208. | 0.1 | 100. | 22. | 0.1 | 0.00 |
| 7209. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 7211. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 7212. | 0.1 | 100. | 50. | 0.1 | 0.00 |
| 7215. | 0.4 | 100. | 41. | 0.1 | 0.00 |

DresserAtlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7217. | 0.1 | 100. | 38. | 0.1 | 0.00 |
| 7218. | 0.1 | 100. | 38. | 0.1 | 0.00 |
| 7219. | 0.5 | 100. | 24. | 0.1 | 0.00 |
| 7220. | 0.1 | 100. | 15. | 0.1 | 0.00 |
| 7221. | 0.8 | 100. | 34. | 0.1 | 0.00 |
| 7222. | 0.6 | 100. | 48. | 0.1 | 0.00 |
| 7224. | 1.6 | 100. | 43. | 0.1 | 0.00 |
| 7225. | 1.9 | 100. | 23. | 0.1 | 0.00 |
| 7226. | 0.1 | 100. | 21. | 0.1 | 0.00 |
| 7230. | 0.1 | 100. | 26. | 0.1 | 0.00 |
| 7231. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 7237. | 0.9 | 100. | 48. | 0.1 | 0.00 |
| 7241. | 0.5 | 100. | 29. | 0.1 | 0.00 |
| 7242. | 0.2 | 100. | 28. | 0.1 | 0.00 |
| 7243. | 1.2 | 100. | 40. | 0.1 | 0.00 |
| 7244. | 1.9 | 100. | 36. | 0.1 | 0.00 |
| 7245. | 2.0 | 100. | 27. | 0.1 | 0.00 |
| 7246. | 1.8 | 100. | 42. | 0.1 | 0.00 |
| 7247. | 2.5 | 100. | 32. | 0.1 | 0.00 |
| 7248. | 1.8 | 100. | 28. | 0.1 | 0.00 |
| 7249. | 1.7 | 100. | 37. | 0.1 | 0.00 |
| 7252. | 2.1 | 100. | 32. | 0.1 | 0.00 |
| 7253. | 1.6 | 100. | 37. | 0.1 | 0.00 |
| 7254. | 1.8 | 100. | 27. | 0.1 | 0.00 |
| 7255. | 0.1 | 100. | 33. | 0.1 | 0.00 |
| 7256. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 7257. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 7258. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 7259. | 0.1 | 100. | 9. | 0.1 | 0.00 |
| 7260. | 0.1 | 100. | 6. | 0.1 | 0.00 |
| 7261. | 0.1 | 100. | 10. | 0.1 | 0.00 |
| 7262. | 0.1 | 100. | 16. | 0.1 | 0.00 |
| 7263. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 7264. | 1.3 | 100. | 37. | 0.1 | 0.00 |
| 7266. | 0.6 | 100. | 37. | 0.1 | 0.00 |
| 7267. | 0.7 | 100. | 32. | 0.1 | 0.00 |
| 7268. | 0.4 | 100. | 17. | 0.1 | 0.00 |
| 7269. | 0.1 | 100. | 19. | 0.1 | 0.00 |
| 7270. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 7271. | 0.1 | 100. | 18. | 0.1 | 0.00 |
| 7272. | 0.1 | 100. | 18. | 0.1 | 0.00 |
| 7273. | 0.1 | 100. | 12. | 0.1 | 0.00 |
| 7274. | 0.1 | 100. | 17. | 0.1 | 0.00 |

Dresser Atlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7275. | 0.1 | 100. | 18. | 0.1 | 0.00 |
| 7276. | 0.1 | 100. | 20. | 0.1 | 0.00 |
| 7277. | 0.1 | 100. | 13. | 0.1 | 0.00 |
| 7278. | 0.1 | 100. | 18. | 0.1 | 0.00 |
| 7279. | 1.2 | 100. | 12. | 0.1 | 0.00 |
| 7280. | 1.0 | 100. | 6. | 0.1 | 0.00 |
| 7281. | 2.0 | 100. | 5. | 0.1 | 0.00 |
| 7282. | 2.3 | 91. | 2. | 0.1 | 0.00 |
| 7283. | 2.3 | 92. | 3. | 0.1 | 0.01 |
| 7284. | 4.5 | 62. | 1. | 0.1 | 0.02 |
| 7285. | 3.7 | 100. | 0. | 0.1 | 0.03 |
| 7286. | 4.7 | 92. | 2. | 0.1 | 0.03 |
| 7287. | 6.0 | 44. | 1. | 0.1 | 0.05 |
| 7288. | 6.2 | 100. | 0. | 0.1 | 0.05 |
| 7289. | 5.8 | 100. | 5. | 0.1 | 0.05 |
| 7290. | 4.8 | 100. | 28. | 0.1 | 0.05 |
| 7291. | 4.8 | 100. | 44. | 0.1 | 0.00 |
| 7292. | 4.6 | 100. | 29. | 0.1 | 0.00 |
| 7293. | 4.2 | 100. | 38. | 0.1 | 0.00 |
| 7294. | 3.3 | 100. | 34. | 0.1 | 0.00 |
| 7295. | 3.2 | 100. | 27. | 0.1 | 0.00 |
| 7296. | 3.1 | 100. | 35. | 0.1 | 0.00 |
| 7297. | 2.9 | 100. | 32. | 0.1 | 0.00 |
| 7298. | 2.1 | 100. | 29. | 0.1 | 0.00 |
| 7299. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 7300. | 0.1 | 100. | 23. | 0.1 | 0.00 |
| 7301. | 0.1 | 100. | 13. | 0.1 | 0.00 |
| 7302. | 0.1 | 100. | 8. | 0.1 | 0.00 |
| 7303. | 0.1 | 100. | 5. | 0.1 | 0.00 |
| 7304. | 0.1 | 100. | 9. | 0.1 | 0.00 |
| 7305. | 0.1 | 100. | 13. | 0.1 | 0.00 |
| 7306. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 7307. | 0.3 | 100. | 38. | 0.1 | 0.00 |
| 7308. | 0.7 | 100. | 42. | 0.1 | 0.00 |
| 7309. | 0.7 | 100. | 42. | 0.1 | 0.00 |
| 7310. | 0.6 | 100. | 45. | 0.1 | 0.00 |
| 7312. | 0.1 | 100. | 26. | 0.1 | 0.00 |
| 7313. | 0.6 | 100. | 38. | 0.1 | 0.00 |
| 7314. | 0.9 | 100. | 45. | 0.1 | 0.00 |
| 7315. | 0.2 | 100. | 46. | 0.1 | 0.00 |
| 7316. | 0.1 | 100. | 37. | 0.1 | 0.00 |
| 7317. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 7318. | 0.1 | 100. | 16. | 0.1 | 0.00 |
| 7319. | 0.1 | 100. | 12. | 0.1 | 0.00 |
| 7320. | 0.1 | 100. | 9. | 0.1 | 0.00 |
| 7321. | 0.1 | 100. | 17. | 0.1 | 0.00 |
| 7322. | 0.1 | 100. | 22. | 0.1 | 0.00 |
| 7323. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 7324. | 0.6 | 100. | 45. | 0.1 | 0.00 |

DresserAtlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7325. | 1.2 | 100. | 38. | 0.1 | 0.00 |
| 7326. | 1.2 | 100. | 28. | 0.1 | 0.00 |
| 7327. | 1.5 | 100. | 26. | 0.1 | 0.00 |
| 7328. | 1.7 | 100. | 32. | 0.1 | 0.00 |
| 7329. | 1.1 | 100. | 30. | 0.1 | 0.00 |
| 7330. | 0.7 | 100. | 29. | 0.1 | 0.00 |
| 7331. | 1.1 | 100. | 39. | 0.1 | 0.00 |
| 7332. | 1.1 | 100. | 32. | 0.1 | 0.00 |
| 7333. | 1.0 | 100. | 33. | 0.1 | 0.00 |
| 7335. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 7336. | 0.1 | 100. | 17. | 0.1 | 0.00 |
| 7337. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 7338. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 7339. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 7340. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 7341. | 0.1 | 100. | 28. | 0.1 | 0.00 |
| 7342. | 0.1 | 100. | 7. | 0.1 | 0.00 |
| 7343. | 0.1 | 100. | 15. | 0.1 | 0.00 |
| 7344. | 0.1 | 100. | 18. | 0.1 | 0.00 |
| 7345. | 0.1 | 100. | 10. | 0.1 | 0.00 |
| 7346. | 0.1 | 100. | 5. | 0.1 | 0.00 |
| 7347. | 0.1 | 100. | 18. | 0.1 | 0.00 |
| 7349. | 2.2 | 100. | 40. | 0.1 | 0.00 |
| 7350. | 3.1 | 100. | 40. | 0.1 | 0.00 |
| 7354. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 7355. | 0.3 | 100. | 23. | 0.1 | 0.00 |
| 7358. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 7359. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 7362. | 1.0 | 100. | 49. | 0.1 | 0.00 |
| 7363. | 1.5 | 100. | 39. | 0.1 | 0.00 |
| 7364. | 2.4 | 100. | 31. | 0.1 | 0.00 |
| 7365. | 2.3 | 100. | 36. | 0.1 | 0.00 |
| 7366. | 1.9 | 100. | 38. | 0.1 | 0.00 |
| 7367. | 1.4 | 100. | 36. | 0.1 | 0.00 |
| 7368. | 1.3 | 100. | 41. | 0.1 | 0.00 |
| 7369. | 1.4 | 100. | 43. | 0.1 | 0.00 |
| 7370. | 1.0 | 100. | 43. | 0.1 | 0.00 |
| 7373. | 1.8 | 100. | 43. | 0.1 | 0.00 |
| 7374. | 1.2 | 100. | 38. | 0.1 | 0.00 |
| 7376. | 1.1 | 100. | 40. | 0.1 | 0.00 |
| 7377. | 0.5 | 100. | 41. | 0.1 | 0.00 |
| 7378. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 7379. | 0.3 | 100. | 22. | 0.1 | 0.00 |

DETSON Labs

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7380. | 0.1 | 100. | 11. | 0.1 | 0.00 |
| 7381. | 0.1 | 100. | 7. | 0.1 | 0.00 |
| 7382. | 0.1 | 100. | 10. | 0.1 | 0.00 |
| 7383. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 7384. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 7385. | 1.5 | 100. | 16. | 0.1 | 0.00 |
| 7386. | 1.9 | 100. | 13. | 0.1 | 0.00 |
| 7387. | 2.2 | 100. | 27. | 0.1 | 0.00 |
| 7388. | 2.7 | 100. | 16. | 0.1 | 0.00 |
| 7389. | 1.8 | 100. | 11. | 0.1 | 0.00 |
| 7390. | 1.9 | 100. | 26. | 0.1 | 0.00 |
| 7391. | 1.4 | 100. | 43. | 0.1 | 0.00 |
| 7394. | 0.2 | 100. | 42. | 0.1 | 0.00 |
| 7395. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 7396. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 7398. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 7399. | 0.1 | 100. | 37. | 0.1 | 0.00 |
| 7400. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 7401. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 7406. | 2.0 | 100. | 32. | 0.1 | 0.00 |
| 7407. | 1.5 | 100. | 30. | 0.1 | 0.00 |
| 7408. | 4.2 | 100. | 32. | 0.1 | 0.00 |
| 7409. | 2.5 | 100. | 35. | 0.1 | 0.00 |
| 7410. | 3.6 | 100. | 40. | 0.1 | 0.00 |
| 7411. | 4.9 | 100. | 48. | 0.1 | 0.00 |
| 7412. | 6.1 | 100. | 48. | 0.1 | 0.00 |
| 7413. | 7.3 | 100. | 29. | 0.2 | 0.00 |
| 7414. | 7.1 | 100. | 15. | 0.2 | 0.00 |
| 7415. | 6.9 | 100. | 17. | 0.2 | 0.00 |
| 7416. | 6.3 | 100. | 24. | 0.1 | 0.00 |
| 7418. | 2.9 | 100. | 27. | 0.1 | 0.00 |
| 7419. | 3.5 | 100. | 34. | 0.1 | 0.00 |
| 7420. | 4.6 | 100. | 27. | 0.1 | 0.00 |
| 7421. | 4.9 | 100. | 24. | 0.1 | 0.00 |
| 7422. | 5.0 | 100. | 26. | 0.1 | 0.00 |
| 7423. | 6.2 | 100. | 21. | 0.1 | 0.00 |
| 7424. | 5.8 | 100. | 26. | 0.1 | 0.00 |
| 7425. | 6.3 | 100. | 20. | 0.1 | 0.00 |
| 7426. | 6.2 | 100. | 21. | 0.1 | 0.00 |
| 7427. | 4.7 | 100. | 24. | 0.1 | 0.00 |
| 7428. | 6.3 | 100. | 26. | 0.1 | 0.00 |
| 7429. | 6.2 | 100. | 30. | 0.1 | 0.00 |
| 7430. | 5.2 | 100. | 30. | 0.1 | 0.00 |
| 7431. | 2.5 | 100. | 21. | 0.1 | 0.00 |
| 7432. | 3.8 | 100. | 17. | 0.1 | 0.00 |
| 7433. | 3.3 | 100. | 42. | 0.1 | 0.00 |

DresserAtlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7434. | 3.5 | 100. | 39. | 0.1 | 0.00 |
| 7437. | 1.9 | 100. | 47. | 0.1 | 0.00 |
| 7438. | 1.3 | 100. | 36. | 0.1 | 0.00 |
| 7439. | 2.2 | 100. | 27. | 0.1 | 0.00 |
| 7440. | 2.8 | 78. | 42. | 0.1 | 0.00 |
| 7441. | 2.6 | 82. | 36. | 0.1 | 0.00 |
| 7442. | 2.3 | 100. | 3. | 0.1 | 0.00 |
| 7443. | 1.2 | 100. | 2. | 0.1 | 0.00 |
| 7444. | 1.5 | 100. | 29. | 0.1 | 0.00 |
| 7451. | 1.2 | 100. | 37. | 0.1 | 0.00 |
| 7452. | 0.1 | 100. | 21. | 0.1 | 0.00 |
| 7453. | 0.1 | 100. | 15. | 0.1 | 0.00 |
| 7454. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 7455. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 7456. | 0.1 | 100. | 27. | 0.1 | 0.00 |
| 7457. | 0.1 | 100. | 34. | 0.1 | 0.00 |
| 7459. | 0.1 | 100. | 34. | 0.1 | 0.00 |
| 7460. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 7461. | 0.1 | 100. | 18. | 0.1 | 0.00 |
| 7462. | 0.1 | 100. | 25. | 0.1 | 0.00 |
| 7463. | 0.8 | 100. | 35. | 0.1 | 0.00 |
| 7464. | 1.1 | 100. | 38. | 0.1 | 0.00 |
| 7465. | 0.8 | 100. | 47. | 0.1 | 0.00 |
| 7476. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 7477. | 0.1 | 100. | 22. | 0.1 | 0.00 |
| 7478. | 0.1 | 100. | 22. | 0.1 | 0.00 |
| 7479. | 0.2 | 100. | 31. | 0.1 | 0.00 |
| 7480. | 0.1 | 100. | 21. | 0.1 | 0.00 |
| 7481. | 0.5 | 100. | 26. | 0.1 | 0.00 |
| 7482. | 0.1 | 100. | 28. | 0.1 | 0.00 |
| 7483. | 0.1 | 100. | 5. | 0.1 | 0.00 |
| 7484. | 0.5 | 100. | 47. | 0.1 | 0.00 |
| 7485. | 1.4 | 100. | 46. | 0.1 | 0.00 |
| 7486. | 1.8 | 100. | 43. | 0.1 | 0.00 |
| 7487. | 1.4 | 100. | 32. | 0.1 | 0.00 |
| 7488. | 1.4 | 100. | 30. | 0.1 | 0.00 |
| 7489. | 0.1 | 100. | 25. | 0.1 | 0.00 |
| 7490. | 0.1 | 100. | 23. | 0.1 | 0.00 |
| 7491. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 7492. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 7493. | 0.1 | 100. | 38. | 0.1 | 0.00 |
| 7494. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 7495. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 7496. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 7497. | 0.1 | 100. | 44. | 0.1 | 0.00 |

Dresser Atlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7503. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 7504. | 0.1 | 100. | 16. | 0.1 | 0.00 |
| 7505. | 0.1 | 100. | 20. | 0.1 | 0.00 |
| 7506. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 7510. | 0.2 | 100. | 38. | 0.1 | 0.00 |
| 7511. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 7512. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 7513. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 7514. | 0.1 | 100. | 30. | 0.1 | 0.00 |
| 7515. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 7516. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 7521. | 0.1 | 100. | 50. | 0.1 | 0.00 |
| 7522. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 7525. | 0.1 | 100. | 38. | 0.1 | 0.00 |
| 7526. | 0.1 | 100. | 39. | 0.1 | 0.00 |
| 7527. | 1.0 | 100. | 48. | 0.1 | 0.00 |
| 7528. | 2.3 | 91. | 29. | 0.1 | 0.00 |
| 7529. | 1.4 | 100. | 20. | 0.1 | 0.01 |
| 7530. | 0.4 | 100. | 15. | 0.1 | 0.01 |
| 7531. | 2.8 | 77. | 9. | 0.1 | 0.01 |
| 7532. | 4.4 | 57. | 5. | 0.1 | 0.03 |
| 7533. | 3.9 | 61. | 7. | 0.1 | 0.04 |
| 7534. | 3.3 | 69. | 8. | 0.1 | 0.05 |
| 7535. | 3.5 | 66. | 6. | 0.1 | 0.07 |
| 7536. | 4.6 | 57. | 6. | 0.1 | 0.08 |
| 7537. | 5.1 | 51. | 7. | 0.1 | 0.11 |
| 7538. | 4.7 | 56. | 8. | 0.1 | 0.13 |
| 7539. | 4.7 | 56. | 10. | 0.1 | 0.15 |
| 7540. | 5.4 | 79. | 12. | 0.1 | 0.17 |
| 7541. | 3.8 | 100. | 17. | 0.1 | 0.17 |
| 7542. | 2.6 | 100. | 35. | 0.1 | 0.17 |
| 7546. | 3.5 | 65. | 48. | 0.1 | 0.00 |
| 7547. | 4.2 | 94. | 40. | 0.1 | 0.00 |
| 7548. | 3.7 | 100. | 42. | 0.1 | 0.00 |
| 7549. | 2.1 | 100. | 50. | 0.1 | 0.00 |
| 7551. | 2.2 | 100. | 49. | 0.1 | 0.00 |
| 7555. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 7556. | 0.1 | 100. | 26. | 0.1 | 0.00 |
| 7557. | 0.1 | 100. | 17. | 0.1 | 0.00 |
| 7558. | 0.1 | 100. | 14. | 0.1 | 0.00 |
| 7559. | 0.1 | 100. | 15. | 0.1 | 0.00 |
| 7560. | 0.1 | 100. | 20. | 0.1 | 0.00 |
| 7561. | 0.1 | 100. | 20. | 0.1 | 0.00 |
| 7562. | 0.1 | 100. | 23. | 0.1 | 0.00 |

DresserAtlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7563. | 0.1 | 100. | 25. | 0.1 | 0.00 |
| 7564. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 7573. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 7584. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 7585. | 0.1 | 100. | 25. | 0.1 | 0.00 |
| 7586. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 7587. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 7588. | 0.1 | 100. | 21. | 0.1 | 0.00 |
| 7589. | 0.1 | 100. | 34. | 0.1 | 0.00 |
| 7590. | 0.2 | 100. | 46. | 0.1 | 0.00 |
| 7591. | 0.1 | 100. | 37. | 0.1 | 0.00 |
| 7601. | 0.2 | 100. | 48. | 0.1 | 0.00 |
| 7609. | 0.1 | 100. | 39. | 0.1 | 0.00 |
| 7610. | 0.1 | 100. | 27. | 0.1 | 0.00 |
| 7611. | 0.1 | 100. | 18. | 0.1 | 0.00 |
| 7612. | 0.1 | 100. | 17. | 0.1 | 0.00 |
| 7613. | 1.4 | 100. | 31. | 0.1 | 0.00 |
| 7614. | 0.6 | 100. | 45. | 0.1 | 0.00 |
| 7615. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 7616. | 0.1 | 100. | 22. | 0.1 | 0.00 |
| 7617. | 0.1 | 100. | 9. | 0.1 | 0.00 |
| 7618. | 0.1 | 100. | 11. | 0.1 | 0.00 |
| 7619. | 0.1 | 100. | 17. | 0.1 | 0.00 |
| 7620. | 0.1 | 100. | 21. | 0.1 | 0.00 |
| 7621. | 0.1 | 100. | 21. | 0.1 | 0.00 |
| 7622. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 7625. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 7627. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 7630. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 7631. | 0.1 | 100. | 16. | 0.1 | 0.00 |
| 7632. | 0.8 | 100. | 13. | 0.1 | 0.00 |
| 7633. | 1.3 | 100. | 13. | 0.1 | 0.00 |
| 7634. | 0.5 | 100. | 15. | 0.1 | 0.00 |
| 7635. | 1.0 | 100. | 14. | 0.1 | 0.00 |
| 7636. | 1.3 | 100. | 20. | 0.1 | 0.00 |
| 7637. | 0.7 | 100. | 32. | 0.1 | 0.00 |
| 7643. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 7644. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 7645. | 0.1 | 100. | 18. | 0.1 | 0.00 |
| 7646. | 0.1 | 100. | 22. | 0.1 | 0.00 |
| 7647. | 0.5 | 100. | 27. | 0.1 | 0.00 |
| 7648. | 0.4 | 100. | 26. | 0.1 | 0.00 |

DESERET Lab

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7654. | 0.1 | 100. | 38. | 0.1 | 0.00 |
| 7665. | 1.1 | 100. | 39. | 0.1 | 0.00 |
| 7666. | 0.1 | 100. | 25. | 0.1 | 0.00 |
| 7667. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 7676. | 0.6 | 100. | 37. | 0.1 | 0.00 |
| 7681. | 1.4 | 100. | 48. | 0.1 | 0.00 |
| 7682. | 1.7 | 100. | 41. | 0.1 | 0.00 |
| 7683. | 1.8 | 100. | 19. | 0.1 | 0.00 |
| 7684. | 1.3 | 100. | 16. | 0.1 | 0.00 |
| 7685. | 1.0 | 100. | 29. | 0.1 | 0.00 |
| 7686. | 0.6 | 100. | 35. | 0.1 | 0.00 |
| 7687. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 7694. | 1.0 | 100. | 30. | 0.1 | 0.00 |
| 7695. | 1.0 | 100. | 38. | 0.1 | 0.00 |
| 7697. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 7698. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 7699. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 7709. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 7719. | 0.6 | 100. | 27. | 0.1 | 0.00 |
| 7720. | 0.1 | 100. | 27. | 0.1 | 0.00 |
| 7721. | 0.2 | 100. | 20. | 0.1 | 0.00 |
| 7722. | 0.3 | 100. | 17. | 0.1 | 0.00 |
| 7723. | 1.2 | 100. | 31. | 0.1 | 0.00 |
| 7724. | 1.1 | 100. | 36. | 0.1 | 0.00 |
| 7725. | 1.2 | 100. | 43. | 0.1 | 0.00 |
| 7730. | 1.5 | 100. | 48. | 0.1 | 0.00 |
| 7731. | 1.2 | 100. | 44. | 0.1 | 0.00 |
| 7732. | 1.4 | 100. | 38. | 0.1 | 0.00 |
| 7733. | 1.6 | 100. | 46. | 0.1 | 0.00 |
| 7741. | 2.6 | 90. | 27. | 0.1 | 0.00 |
| 7742. | 1.7 | 100. | 15. | 0.1 | 0.00 |
| 7743. | 0.6 | 100. | 44. | 0.1 | 0.00 |
| 7759. | 0.4 | 100. | 46. | 0.1 | 0.00 |
| 7764. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 7765. | 0.1 | 100. | 39. | 0.1 | 0.00 |
| 7766. | 0.1 | 100. | 25. | 0.1 | 0.00 |
| 7767. | 0.1 | 100. | 23. | 0.1 | 0.00 |
| 7768. | 0.1 | 100. | 26. | 0.1 | 0.00 |

DresserAtlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7769. | 0.5 | 100. | 32. | 0.1 | 0.00 |
| 7770. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 7771. | 0.2 | 100. | 43. | 0.1 | 0.00 |
| 7772. | 1.0 | 100. | 44. | 0.1 | 0.00 |
| 7774. | 2.6 | 82. | 39. | 0.1 | 0.00 |
| 7775. | 2.1 | 100. | 25. | 0.1 | 0.00 |
| 7776. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 7777. | 0.1 | 100. | 23. | 0.1 | 0.00 |
| 7778. | 0.1 | 100. | 23. | 0.1 | 0.00 |
| 7779. | 0.2 | 100. | 17. | 0.1 | 0.00 |
| 7780. | 2.1 | 99. | 21. | 0.1 | 0.00 |
| 7781. | 0.3 | 100. | 30. | 0.1 | 0.00 |
| 7782. | 0.4 | 100. | 17. | 0.1 | 0.00 |
| 7783. | 1.2 | 100. | 24. | 0.1 | 0.00 |
| 7784. | 1.0 | 100. | 18. | 0.1 | 0.00 |
| 7785. | 1.2 | 100. | 28. | 0.1 | 0.00 |
| 7786. | 1.5 | 100. | 19. | 0.1 | 0.00 |
| 7787. | 4.1 | 59. | 8. | 0.1 | 0.02 |
| 7788. | 3.4 | 67. | 18. | 0.1 | 0.03 |
| 7791. | 3.3 | 69. | 43. | 0.1 | 0.00 |
| 7792. | 3.7 | 63. | 5. | 0.1 | 0.01 |
| 7793. | 2.9 | 75. | 16. | 0.1 | 0.02 |
| 7797. | 0.1 | 100. | 33. | 0.1 | 0.00 |
| 7798. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 7799. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 7800. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 7801. | 0.4 | 100. | 39. | 0.1 | 0.00 |
| 7802. | 0.5 | 100. | 37. | 0.1 | 0.00 |
| 7808. | 1.8 | 100. | 21. | 0.1 | 0.00 |
| 7809. | 1.7 | 100. | 27. | 0.1 | 0.00 |
| 7810. | 2.3 | 100. | 34. | 0.1 | 0.00 |
| 7811. | 3.7 | 100. | 3. | 0.1 | 0.00 |
| 7812. | 3.2 | 100. | 3. | 0.1 | 0.00 |
| 7813. | 1.6 | 100. | 21. | 0.1 | 0.00 |
| 7814. | 0.7 | 100. | 33. | 0.1 | 0.00 |
| 7815. | 0.2 | 100. | 32. | 0.1 | 0.00 |
| 7816. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 7821. | 1.7 | 100. | 40. | 0.1 | 0.00 |
| 7822. | 0.9 | 100. | 38. | 0.1 | 0.00 |
| 7829. | 0.3 | 100. | 39. | 0.1 | 0.00 |
| 7830. | 0.3 | 100. | 44. | 0.1 | 0.00 |
| 7836. | 1.5 | 100. | 18. | 0.1 | 0.00 |
| 7837. | 2.3 | 100. | 21. | 0.1 | 0.00 |

DresserAtlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7838. | 1.8 | 100. | 34. | 0.1 | 0.00 |
| 7839. | 0.7 | 100. | 35. | 0.1 | 0.00 |
| 7840. | 2.1 | 100. | 28. | 0.1 | 0.00 |
| 7841. | 1.0 | 100. | 30. | 0.1 | 0.00 |
| 7842. | 0.1 | 100. | 38. | 0.1 | 0.00 |
| 7843. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 7844. | 0.2 | 100. | 38. | 0.1 | 0.00 |
| 7845. | 0.1 | 100. | 34. | 0.1 | 0.00 |
| 7846. | 0.1 | 100. | 26. | 0.1 | 0.00 |
| 7847. | 0.9 | 100. | 39. | 0.1 | 0.00 |
| 7862. | 1.2 | 100. | 21. | 0.1 | 0.00 |
| 7863. | 0.8 | 100. | 24. | 0.1 | 0.00 |
| 7864. | 0.1 | 100. | 30. | 0.1 | 0.00 |
| 7865. | 0.1 | 100. | 20. | 0.1 | 0.00 |
| 7866. | 0.8 | 100. | 15. | 0.1 | 0.00 |
| 7867. | 1.4 | 100. | 8. | 0.1 | 0.00 |
| 7868. | 1.4 | 100. | 10. | 0.1 | 0.00 |
| 7883. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 7884. | 0.1 | 100. | 8. | 0.1 | 0.00 |
| 7885. | 0.6 | 100. | 2. | 0.1 | 0.00 |
| 7886. | 1.1 | 100. | 8. | 0.1 | 0.00 |
| 7887. | 1.4 | 100. | 16. | 0.1 | 0.00 |
| 7888. | 1.5 | 100. | 48. | 0.1 | 0.00 |
| 7890. | 0.8 | 100. | 40. | 0.1 | 0.00 |
| 7896. | 0.8 | 100. | 48. | 0.1 | 0.00 |
| 7897. | 2.9 | 100. | 48. | 0.1 | 0.00 |
| 7899. | 3.4 | 100. | 48. | 0.1 | 0.00 |
| 7902. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 7903. | 3.2 | 100. | 18. | 0.1 | 0.00 |
| 7904. | 3.8 | 100. | 19. | 0.1 | 0.00 |
| 7905. | 3.3 | 100. | 26. | 0.1 | 0.00 |
| 7906. | 2.3 | 100. | 25. | 0.1 | 0.00 |
| 7907. | 1.5 | 100. | 30. | 0.1 | 0.00 |
| 7914. | 1.0 | 100. | 34. | 0.1 | 0.00 |
| 7915. | 1.4 | 100. | 0. | 0.1 | 0.00 |
| 7916. | 1.5 | 100. | 7. | 0.1 | 0.00 |
| 7919. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 7920. | 0.1 | 100. | 19. | 0.1 | 0.00 |
| 7921. | 0.1 | 100. | 14. | 0.1 | 0.00 |
| 7922. | 0.1 | 100. | 19. | 0.1 | 0.00 |
| 7923. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 7924. | 0.1 | 100. | 14. | 0.1 | 0.00 |

DecisionAtlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7925. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 7926. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 7927. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 7928. | 4.0 | 100. | 17. | 0.1 | 0.00 |
| 7929. | 8.5 | 100. | 8. | 0.5 | 0.00 |
| 7930. | 7.8 | 72. | 10. | 0.3 | 0.01 |
| 7931. | 5.4 | 98. | 16. | 0.1 | 0.02 |
| 7932. | 8.8 | 90. | 1. | 0.5 | 0.03 |
| 7933. | 8.1 | 71. | 7. | 0.4 | 0.05 |
| 7934. | 8.6 | 46. | 12. | 0.5 | 0.09 |
| 7935. | 7.2 | 100. | 25. | 0.2 | 0.12 |
| 7941. | 2.5 | 100. | 44. | 0.1 | 0.00 |
| 7942. | 3.1 | 100. | 21. | 0.1 | 0.00 |
| 7943. | 3.4 | 100. | 13. | 0.1 | 0.00 |
| 7944. | 3.3 | 100. | 28. | 0.1 | 0.00 |
| 7945. | 3.4 | 100. | 47. | 0.1 | 0.00 |
| 7948. | 10.2 | 91. | 15. | 1.1 | 0.01 |
| 7949. | 10.5 | 84. | 7. | 1.2 | 0.03 |
| 7950. | 9.2 | 56. | 11. | 0.6 | 0.07 |
| 7951. | 9.2 | 67. | 15. | 0.6 | 0.10 |
| 7952. | 9.6 | 77. | 20. | 0.8 | 0.12 |
| 7953. | 9.3 | 69. | 22. | 0.7 | 0.15 |
| 7954. | 11.2 | 53. | 5. | 1.5 | 0.20 |
| 7955. | 12.9 | 47. | 0. | 2.9 | 0.26 |
| 7956. | 12.0 | 30. | 3. | 2.1 | 0.34 |
| 7957. | 12.7 | 30. | 0. | 2.8 | 0.43 |
| 7958. | 13.0 | 32. | 0. | 3.0 | 0.51 |
| 7959. | 11.2 | 39. | 4. | 1.6 | 0.59 |
| 7960. | 8.9 | 48. | 7. | 0.6 | 0.63 |
| 7961. | 9.4 | 63. | 6. | 0.7 | 0.67 |
| 7962. | 10.9 | 50. | 4. | 1.4 | 0.72 |
| 7963. | 9.9 | 37. | 8. | 0.9 | 0.79 |
| 7964. | 8.3 | 22. | 14. | 0.4 | 0.85 |
| 7965. | 8.8 | 42. | 12. | 0.5 | 0.91 |
| 7966. | 9.9 | 66. | 9. | 0.9 | 0.94 |
| 7967. | 10.8 | 51. | 13. | 1.4 | 0.99 |
| 7968. | 11.3 | 54. | 8. | 1.6 | 1.04 |
| 7969. | 11.3 | 61. | 7. | 1.6 | 1.09 |
| 7970. | 10.7 | 29. | 7. | 1.3 | 1.16 |
| 7971. | 8.3 | 56. | 9. | 0.4 | 1.20 |
| 7972. | 8.7 | 93. | 4. | 0.5 | 1.21 |
| 7973. | 10.7 | 67. | 4. | 1.3 | 1.24 |
| 7974. | 10.1 | 49. | 6. | 1.0 | 1.29 |
| 7975. | 11.4 | 54. | 3. | 1.7 | 1.35 |
| 7976. | 11.8 | 84. | 5. | 1.9 | 1.37 |
| 7977. | 11.6 | 100. | 5. | 1.8 | 1.38 |
| 7978. | 11.3 | 100. | 8. | 1.6 | 1.38 |
| 7979. | 10.2 | 100. | 19. | 1.0 | 1.38 |

DresserAtlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7980. | 8.7 | 100. | 25. | 0.5 | 1.38 |
| 7981. | 5.9 | 100. | 16. | 0.1 | 1.38 |
| 7982. | 6.4 | 100. | 16. | 0.1 | 1.38 |
| 7987. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 7988. | 1.4 | 100. | 16. | 0.1 | 0.00 |
| 7989. | 1.6 | 100. | 25. | 0.1 | 0.00 |
| 7992. | 1.5 | 100. | 31. | 0.1 | 0.00 |
| 7994. | 0.2 | 100. | 39. | 0.1 | 0.00 |
| 8007. | 0.5 | 100. | 45. | 0.1 | 0.00 |
| 8008. | 2.5 | 100. | 21. | 0.1 | 0.00 |
| 8009. | 1.3 | 100. | 34. | 0.1 | 0.00 |
| 8013. | 0.1 | 100. | 33. | 0.1 | 0.00 |
| 8014. | 1.2 | 100. | 24. | 0.1 | 0.00 |
| 8015. | 0.1 | 100. | 34. | 0.1 | 0.00 |
| 8022. | 1.8 | 100. | 36. | 0.1 | 0.00 |
| 8023. | 3.8 | 100. | 45. | 0.1 | 0.00 |
| 8030. | 3.2 | 100. | 23. | 0.1 | 0.00 |
| 8031. | 8.4 | 100. | 14. | 0.4 | 0.00 |
| 8032. | 8.4 | 88. | 17. | 0.5 | 0.01 |
| 8033. | 4.5 | 61. | 30. | 0.1 | 0.03 |
| 8034. | 6.5 | 88. | 46. | 0.1 | 0.00 |
| 8040. | 3.6 | 100. | 37. | 0.1 | 0.00 |
| 8041. | 6.1 | 100. | 20. | 0.1 | 0.00 |
| 8042. | 10.0 | 83. | 3. | 1.0 | 0.01 |
| 8043. | 9.7 | 48. | 5. | 0.8 | 0.06 |
| 8044. | 8.6 | 79. | 5. | 0.5 | 0.08 |
| 8045. | 5.2 | 82. | 15. | 0.1 | 0.09 |
| 8046. | 5.7 | 100. | 7. | 0.1 | 0.09 |
| 8047. | 6.1 | 100. | 9. | 0.1 | 0.10 |
| 8048. | 6.1 | 100. | 6. | 0.1 | 0.10 |
| 8049. | 5.9 | 88. | 29. | 0.1 | 0.10 |
| 8054. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 8058. | 0.8 | 100. | 49. | 0.1 | 0.00 |
| 8061. | 3.8 | 100. | 14. | 0.1 | 0.00 |
| 8062. | 1.5 | 100. | 23. | 0.1 | 0.00 |
| 8074. | 1.2 | 100. | 35. | 0.1 | 0.00 |
| 8075. | 1.3 | 100. | 49. | 0.1 | 0.00 |

DECLASSIFIED

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 8078. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 8080. | 2.8 | 100. | 49. | 0.1 | 0.00 |
| 8081. | 6.3 | 100. | 25. | 0.1 | 0.00 |
| 8082. | 6.1 | 100. | 34. | 0.1 | 0.00 |
| 8098. | 1.6 | 100. | 24. | 0.1 | 0.00 |
| 8099. | 3.7 | 100. | 30. | 0.1 | 0.00 |
| 8104. | 1.3 | 100. | 19. | 0.1 | 0.00 |
| 8105. | 1.8 | 100. | 24. | 0.1 | 0.00 |
| 8106. | 0.4 | 100. | 20. | 0.1 | 0.00 |
| 8107. | 0.7 | 100. | 23. | 0.1 | 0.00 |
| 8108. | 0.1 | 100. | 22. | 0.1 | 0.00 |
| 8109. | 0.8 | 100. | 19. | 0.1 | 0.00 |
| 8110. | 1.6 | 100. | 14. | 0.1 | 0.00 |
| 8111. | 3.5 | 80. | 13. | 0.1 | 0.00 |
| 8112. | 5.5 | 78. | 7. | 0.1 | 0.01 |
| 8113. | 6.2 | 100. | 4. | 0.1 | 0.01 |
| 8114. | 6.0 | 63. | 9. | 0.1 | 0.03 |
| 8115. | 3.9 | 61. | 10. | 0.1 | 0.04 |
| 8116. | 4.0 | 91. | 9. | 0.1 | 0.05 |
| 8117. | 4.0 | 100. | 10. | 0.1 | 0.05 |
| 8118. | 4.5 | 100. | 9. | 0.1 | 0.05 |
| 8119. | 4.5 | 73. | 12. | 0.1 | 0.06 |
| 8120. | 4.2 | 100. | 9. | 0.1 | 0.06 |
| 8121. | 5.1 | 100. | 5. | 0.1 | 0.06 |
| 8122. | 4.8 | 56. | 14. | 0.1 | 0.08 |
| 8123. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 8124. | 1.2 | 100. | 33. | 0.1 | 0.00 |
| 8128. | 2.4 | 100. | 23. | 0.1 | 0.00 |
| 8129. | 2.7 | 100. | 25. | 0.1 | 0.00 |
| 8144. | 1.9 | 100. | 25. | 0.1 | 0.00 |
| 8145. | 5.0 | 100. | 19. | 0.1 | 0.00 |
| 8155. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 8157. | 2.5 | 100. | 33. | 0.1 | 0.00 |
| 8158. | 5.3 | 35. | 10. | 0.1 | 0.02 |
| 8159. | 5.5 | 26. | 17. | 0.1 | 0.06 |
| 8160. | 2.5 | 87. | 20. | 0.1 | 0.08 |
| 8161. | 4.7 | 56. | 10. | 0.1 | 0.10 |
| 8162. | 5.3 | 48. | 7. | 0.1 | 0.13 |
| 8163. | 5.3 | 58. | 8. | 0.1 | 0.15 |
| 8164. | 3.7 | 80. | 10. | 0.1 | 0.17 |
| 8165. | 4.4 | 92. | 9. | 0.1 | 0.17 |
| 8166. | 3.4 | 77. | 10. | 0.1 | 0.17 |
| 8167. | 2.1 | 100. | 13. | 0.1 | 0.18 |

DresserAtlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 8168. | 0.8 | 100. | 18. | 0.1 | 0.18 |
| 8169. | 0.1 | 100. | 22. | 0.1 | 0.18 |
| 8170. | 0.1 | 100. | 28. | 0.1 | 0.18 |
| 8171. | 0.1 | 100. | 20. | 0.1 | 0.18 |
| 8172. | 5.1 | 100. | 5. | 0.1 | 0.18 |
| 8173. | 5.5 | 54. | 10. | 0.1 | 0.19 |
| 8174. | 2.7 | 81. | 22. | 0.1 | 0.20 |
| 8175. | 2.5 | 100. | 13. | 0.1 | 0.20 |
| 8176. | 3.5 | 66. | 12. | 0.1 | 0.21 |
| 8177. | 5.3 | 27. | 7. | 0.1 | 0.24 |
| 8178. | 5.5 | 0. | 10. | 0.1 | 0.29 |
| 8179. | 4.2 | 58. | 9. | 0.1 | 0.33 |
| 8180. | 4.4 | 57. | 9. | 0.1 | 0.34 |
| 8181. | 6.4 | 85. | 3. | 0.1 | 0.35 |
| 8182. | 6.9 | 51. | 7. | 0.2 | 0.38 |
| 8183. | 5.4 | 23. | 5. | 0.1 | 0.42 |
| 8184. | 5.8 | 0. | 15. | 0.1 | 0.48 |
| 8185. | 0.8 | 100. | 40. | 0.1 | 0.00 |
| 8186. | 1.3 | 100. | 20. | 0.1 | 0.00 |
| 8187. | 4.1 | 100. | 10. | 0.1 | 0.00 |
| 8188. | 4.1 | 100. | 13. | 0.1 | 0.00 |
| 8189. | 1.7 | 100. | 18. | 0.1 | 0.00 |
| 8190. | 2.4 | 100. | 10. | 0.1 | 0.00 |
| 8191. | 5.2 | 87. | 4. | 0.1 | 0.01 |
| 8192. | 3.9 | 100. | 4. | 0.1 | 0.01 |
| 8193. | 4.4 | 100. | 5. | 0.1 | 0.01 |
| 8194. | 1.3 | 100. | 6. | 0.1 | 0.01 |
| 8195. | 1.8 | 100. | 9. | 0.1 | 0.01 |
| 8196. | 3.2 | 92. | 6. | 0.1 | 0.01 |
| 8197. | 4.9 | 56. | 8. | 0.1 | 0.03 |
| 8198. | 5.5 | 32. | 13. | 0.1 | 0.07 |
| 8199. | 4.3 | 90. | 9. | 0.1 | 0.08 |
| 8200. | 4.6 | 82. | 14. | 0.1 | 0.09 |
| 8201. | 1.8 | 100. | 46. | 0.1 | 0.00 |
| 8207. | 2.1 | 100. | 25. | 0.1 | 0.00 |
| 8208. | 1.0 | 100. | 48. | 0.1 | 0.00 |
| 8212. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 8222. | 0.1 | 100. | 23. | 0.1 | 0.00 |
| 8223. | 0.1 | 100. | 27. | 0.1 | 0.00 |
| 8236. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 8248. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 8249. | 1.1 | 100. | 30. | 0.1 | 0.00 |
| 8254. | 2.4 | 100. | 25. | 0.1 | 0.00 |
| 8255. | 3.4 | 66. | 24. | 0.1 | 0.01 |

DESCRIPTIVE

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 8256. | 3.7 | 86. | 23. | 0.1 | 0.02 |
| 8265. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 8266. | 0.1 | 100. | 44. | 0.1 | 0.00 |

DresserAtlas

**CNG PRODUCING COMPANY**
TULSA DIVISION

RECEIVED
FEB 22
DIVISION OF OIL
GAS & MINING

February 15, 1985

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

Greg Bechtol
Sr. Engineering Technician

GB/sr
Attachment

705 SOUTH ELGIN AVENUE POST OFFICE BOX 2115 TULSA, OKLAHOMA 74101-2115 (918) 599-3800
TELEX: 497-560 TELECOPY: 918-592-2282

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 5200. | 4.9 | 100. | 47. | 0.1 | 0.00 |
| 5221. | 0.3 | 100. | 45. | 0.1 | 0.00 |
| 5222. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 5225. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 5226. | 0.1 | 100. | 50. | 0.1 | 0.00 |
| 5227. | 0.8 | 100. | 36. | 0.1 | 0.00 |
| 5228. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 5243. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 5244. | 1.7 | 100. | 36. | 0.1 | 0.00 |
| 5245. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 5252. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 5253. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 5254. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 5255. | 0.1 | 100. | 39. | 0.1 | 0.00 |
| 5256. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 5269. | 3.6 | 100. | 29. | 0.1 | 0.00 |
| 5270. | 1.7 | 100. | 31. | 0.1 | 0.00 |
| 5271. | 1.6 | 100. | 34. | 0.1 | 0.00 |
| 5272. | 2.7 | 100. | 32. | 0.1 | 0.00 |
| 5273. | 3.8 | 100. | 29. | 0.1 | 0.00 |
| 5274. | 4.0 | 100. | 32. | 0.1 | 0.00 |
| 5275. | 3.1 | 100. | 40. | 0.1 | 0.00 |
| 5276. | 0.6 | 100. | 48. | 0.1 | 0.00 |
| 5277. | 4.2 | 100. | 23. | 0.1 | 0.00 |
| 5278. | 3.8 | 100. | 16. | 0.1 | 0.00 |
| 5279. | 1.4 | 100. | 21. | 0.1 | 0.00 |
| 5280. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 5281. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 5283. | 4.5 | 100. | 41. | 0.1 | 0.00 |
| 5284. | 4.8 | 100. | 35. | 0.1 | 0.00 |
| 5285. | 3.2 | 100. | 40. | 0.1 | 0.00 |
| 5286. | 1.4 | 100. | 48. | 0.1 | 0.00 |
| 5287. | 2.4 | 100. | 46. | 0.1 | 0.00 |
| 5313. | 9.2 | 100. | 49. | 0.7 | 0.00 |
| 5319. | 3.5 | 100. | 47. | 0.1 | 0.00 |
| 5320. | 7.2 | 100. | 35. | 0.2 | 0.00 |
| 5321. | 6.8 | 74. | 38. | 0.2 | 0.01 |
| 5322. | 3.4 | 67. | 45. | 0.1 | 0.03 |
| 5323. | 5.3 | 47. | 20. | 0.1 | 0.06 |
| 5324. | 4.5 | 96. | 0. | 0.1 | 0.07 |
| 5325. | 4.4 | 68. | 0. | 0.1 | 0.08 |
| 5326. | 4.5 | 70. | 1. | 0.1 | 0.10 |

Precision Lab

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 5327. | 4.1 | 100. | 1. | 0.1 | 0.10 |
| 5328. | 4.0 | 100. | 0. | 0.1 | 0.10 |
| 5329. | 4.1 | 100. | 0. | 0.1 | 0.10 |
| 5330. | 4.8 | 84. | 2. | 0.1 | 0.10 |
| 5331. | 5.4 | 85. | 2. | 0.1 | 0.11 |
| 5332. | 4.7 | 100. | 0. | 0.1 | 0.11 |
| 5333. | 3.5 | 100. | 2. | 0.1 | 0.11 |
| 5334. | 3.2 | 100. | 9. | 0.1 | 0.11 |
| 5335. | 0.1 | 100. | 34. | 0.1 | 0.11 |
| 5342. | 6.8 | 100. | 46. | 0.2 | 0.00 |
| 5343. | 4.3 | 100. | 46. | 0.1 | 0.00 |
| 5344. | 3.7 | 100. | 38. | 0.1 | 0.00 |
| 5345. | 2.9 | 100. | 45. | 0.1 | 0.00 |
| 5346. | 5.4 | 100. | 33. | 0.1 | 0.00 |
| 5347. | 5.9 | 100. | 40. | 0.1 | 0.00 |
| 5354. | 11.7 | 100. | 34. | 1.9 | 0.00 |
| 5355. | 11.7 | 100. | 31. | 1.9 | 0.00 |
| 5356. | 9.4 | 100. | 37. | 0.7 | 0.00 |
| 5357. | 6.1 | 100. | 44. | 0.1 | 0.00 |
| 5358. | 7.5 | 100. | 38. | 0.3 | 0.00 |
| 5359. | 6.9 | 100. | 38. | 0.2 | 0.00 |
| 5360. | 5.7 | 100. | 39. | 0.1 | 0.00 |
| 5361. | 6.0 | 100. | 35. | 0.1 | 0.00 |
| 5362. | 6.3 | 100. | 33. | 0.1 | 0.00 |
| 5363. | 7.7 | 100. | 33. | 0.3 | 0.00 |
| 5364. | 8.4 | 100. | 39. | 0.4 | 0.00 |
| 5365. | 6.6 | 100. | 41. | 0.1 | 0.00 |
| 5366. | 3.3 | 100. | 42. | 0.1 | 0.00 |
| 5367. | 0.4 | 100. | 44. | 0.1 | 0.00 |
| 5368. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 5369. | 1.1 | 100. | 47. | 0.1 | 0.00 |
| 5370. | 1.8 | 100. | 49. | 0.1 | 0.00 |
| 5371. | 1.9 | 100. | 44. | 0.1 | 0.00 |
| 5372. | 1.8 | 100. | 41. | 0.1 | 0.00 |
| 5373. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 5376. | 2.8 | 100. | 43. | 0.1 | 0.00 |
| 5377. | 4.9 | 100. | 36. | 0.1 | 0.00 |
| 5378. | 3.5 | 100. | 37. | 0.1 | 0.00 |
| 5379. | 3.5 | 100. | 28. | 0.1 | 0.00 |
| 5380. | 2.6 | 100. | 24. | 0.1 | 0.00 |
| 5381. | 0.5 | 100. | 31. | 0.1 | 0.00 |
| 5382. | 1.1 | 100. | 45. | 0.1 | 0.00 |
| 5384. | 6.0 | 100. | 41. | 0.1 | 0.00 |
| 5385. | 5.1 | 100. | 41. | 0.1 | 0.00 |
| 5395. | 8.1 | 100. | 43. | 0.4 | 0.00 |

DesertAlpe

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 5396. | 7.0 | 100. | 33. | 0.2 | 0.01 |
| 5397. | 5.3 | 100. | 24. | 0.1 | 0.01 |
| 5398. | 2.7 | 100. | 28. | 0.1 | 0.01 |
| 5399. | 2.2 | 100. | 33. | 0.1 | 0.01 |
| 5400. | 2.4 | 100. | 35. | 0.1 | 0.01 |
| 5401. | 1.9 | 100. | 31. | 0.1 | 0.01 |
| 5402. | 0.1 | 100. | 38. | 0.1 | 0.01 |
| 5403. | 0.1 | 100. | 45. | 0.1 | 0.01 |
| 5404. | 1.7 | 100. | 45. | 0.1 | 0.01 |
| 5405. | 5.3 | 100. | 35. | 0.1 | 0.01 |
| 5406. | 6.5 | 100. | 31. | 0.1 | 0.01 |
| 5407. | 5.4 | 100. | 38. | 0.1 | 0.01 |
| 5408. | 4.1 | 100. | 45. | 0.1 | 0.01 |
| 5409. | 4.8 | 100. | 45. | 0.1 | 0.01 |
| 5410. | 5.4 | 100. | 42. | 0.1 | 0.01 |
| 5411. | 5.2 | 67. | 38. | 0.1 | 0.02 |
| 5412. | 6.2 | 70. | 26. | 0.1 | 0.04 |
| 5413. | 4.9 | 72. | 25. | 0.1 | 0.05 |
| 5414. | 0.1 | 100. | 33. | 0.1 | 0.05 |
| 5415. | 0.1 | 100. | 44. | 0.1 | 0.05 |
| 5417. | 8.9 | 90. | 49. | 0.6 | 0.00 |
| 5418. | 10.9 | 100. | 41. | 1.4 | 0.01 |
| 5419. | 9.9 | 100. | 41. | 0.9 | 0.01 |
| 5420. | 6.6 | 100. | 47. | 0.2 | 0.01 |
| 5422. | 7.0 | 100. | 40. | 0.2 | 0.00 |
| 5423. | 6.9 | 100. | 36. | 0.2 | 0.00 |
| 5424. | 2.5 | 100. | 47. | 0.1 | 0.00 |
| 5426. | 8.8 | 94. | 43. | 0.5 | 0.00 |
| 5427. | 7.6 | 46. | 41. | 0.3 | 0.03 |
| 5428. | 9.4 | 62. | 23. | 0.7 | 0.07 |
| 5429. | 8.7 | 61. | 16. | 0.5 | 0.10 |
| 5430. | 6.7 | 100. | 10. | 0.2 | 0.11 |
| 5431. | 4.5 | 100. | 10. | 0.1 | 0.11 |
| 5432. | 2.9 | 100. | 19. | 0.1 | 0.11 |
| 5433. | 2.6 | 100. | 25. | 0.1 | 0.11 |
| 5434. | 2.1 | 100. | 31. | 0.1 | 0.11 |
| 5435. | 2.9 | 100. | 28. | 0.1 | 0.11 |
| 5436. | 2.5 | 100. | 28. | 0.1 | 0.11 |
| 5437. | 2.8 | 100. | 23. | 0.1 | 0.11 |
| 5438. | 1.7 | 100. | 27. | 0.1 | 0.11 |
| 5439. | 0.3 | 100. | 33. | 0.1 | 0.11 |
| 5440. | 0.1 | 100. | 38. | 0.1 | 0.11 |
| 5441. | 1.7 | 100. | 29. | 0.1 | 0.11 |
| 5442. | 1.4 | 100. | 32. | 0.1 | 0.11 |
| 5443. | 0.4 | 100. | 40. | 0.1 | 0.11 |
| 5444. | 0.1 | 100. | 44. | 0.1 | 0.11 |
| 5445. | 0.1 | 100. | 33. | 0.1 | 0.11 |

Decision Data

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 5446. | 0.2 | 100. | 25. | 0.1 | 0.11 |
| 5447. | 3.4 | 67. | 21. | 0.1 | 0.12 |
| 5448. | 3.0 | 73. | 31. | 0.1 | 0.13 |
| 5449. | 5.9 | 81. | 19. | 0.1 | 0.14 |
| 5450. | 6.2 | 80. | 23. | 0.1 | 0.15 |
| 5451. | 7.6 | 100. | 18. | 0.3 | 0.16 |
| 5452. | 6.8 | 100. | 18. | 0.2 | 0.16 |
| 5453. | 5.7 | 100. | 20. | 0.1 | 0.16 |
| 5454. | 4.3 | 86. | 25. | 0.1 | 0.16 |
| 5455. | 0.3 | 100. | 43. | 0.1 | 0.16 |
| 5457. | 1.2 | 100. | 43. | 0.1 | 0.00 |
| 5458. | 6.2 | 40. | 23. | 0.1 | 0.03 |
| 5459. | 1.8 | 100. | 34. | 0.1 | 0.04 |
| 5463. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 5464. | 0.1 | 100. | 9. | 0.1 | 0.00 |
| 5465. | 0.1 | 100. | 5. | 0.1 | 0.00 |
| 5466. | 1.7 | 100. | 6. | 0.1 | 0.00 |
| 5467. | 1.6 | 100. | 3. | 0.1 | 0.00 |
| 5468. | 0.1 | 100. | 10. | 0.1 | 0.00 |
| 5469. | 0.1 | 100. | 21. | 0.1 | 0.00 |
| 5470. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 5472. | 4.5 | 97. | 49. | 0.1 | 0.00 |
| 5473. | 8.2 | 66. | 45. | 0.4 | 0.02 |
| 5474. | 4.5 | 100. | 49. | 0.1 | 0.04 |
| 5478. | 0.7 | 100. | 48. | 0.1 | 0.00 |
| 5479. | 0.5 | 100. | 43. | 0.1 | 0.00 |
| 5480. | 1.0 | 100. | 33. | 0.1 | 0.00 |
| 5481. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 5482. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 5504. | 3.7 | 100. | 35. | 0.1 | 0.00 |
| 5505. | 3.4 | 91. | 28. | 0.1 | 0.00 |
| 5506. | 4.3 | 100. | 15. | 0.1 | 0.00 |
| 5507. | 3.5 | 100. | 14. | 0.1 | 0.00 |
| 5508. | 2.4 | 100. | 17. | 0.1 | 0.00 |
| 5509. | 2.4 | 89. | 22. | 0.1 | 0.00 |
| 5510. | 1.3 | 100. | 30. | 0.1 | 0.00 |
| 5511. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 5513. | 0.8 | 100. | 37. | 0.1 | 0.00 |
| 5514. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 5518. | 4.0 | 60. | 31. | 0.1 | 0.01 |
| 5519. | 4.5 | 57. | 28. | 0.1 | 0.03 |
| 5520. | 4.9 | 56. | 21. | 0.1 | 0.06 |
| 5521. | 1.1 | 100. | 32. | 0.1 | 0.06 |

Dresser Atlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 5522. | 0.1 | 100. | 45. | 0.1 | 0.06 |
| 5523. | 0.1 | 100. | 46. | 0.1 | 0.06 |
| 5538. | 7.5 | 81. | 22. | 0.3 | 0.02 |
| 5539. | 3.1 | 99. | 25. | 0.1 | 0.03 |
| 5540. | 2.6 | 100. | 15. | 0.1 | 0.03 |
| 5541. | 2.9 | 100. | 13. | 0.1 | 0.03 |
| 5542. | 2.8 | 100. | 17. | 0.1 | 0.03 |
| 5543. | 3.3 | 92. | 17. | 0.1 | 0.03 |
| 5544. | 3.1 | 72. | 20. | 0.1 | 0.04 |
| 5545. | 4.1 | 100. | 17. | 0.1 | 0.04 |
| 5546. | 3.6 | 100. | 15. | 0.1 | 0.04 |
| 5547. | 0.1 | 100. | 25. | 0.1 | 0.04 |
| 5548. | 0.1 | 100. | 42. | 0.1 | 0.04 |
| 5552. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 5553. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 5554. | 0.1 | 100. | 39. | 0.1 | 0.00 |
| 5555. | 0.1 | 100. | 34. | 0.1 | 0.00 |
| 5556. | 0.1 | 100. | 37. | 0.1 | 0.00 |
| 5557. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 5558. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 5559. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 5567. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 5568. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 5569. | 0.1 | 100. | 38. | 0.1 | 0.00 |
| 5575. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 5576. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 5583. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 5584. | 0.1 | 100. | 22. | 0.1 | 0.00 |
| 5585. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 5586. | 0.1 | 100. | 30. | 0.1 | 0.00 |
| 5587. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 5589. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 5590. | 0.1 | 100. | 38. | 0.1 | 0.00 |
| 5591. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 5592. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 5593. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 5604. | 10.0 | 100. | 28. | 0.9 | 0.00 |
| 5605. | 6.4 | 100. | 22. | 0.1 | 0.00 |
| 5606. | 2.7 | 100. | 16. | 0.1 | 0.00 |
| 5607. | 0.1 | 100. | 21. | 0.1 | 0.00 |
| 5608. | 0.1 | 100. | 30. | 0.1 | 0.00 |
| 5609. | 0.1 | 100. | 45. | 0.1 | 0.00 |

DresserAtlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 5614. | 2.5 | 100. | 46. | 0.1 | 0.00 |
| 5615. | 5.8 | 100. | 37. | 0.1 | 0.00 |
| 5616. | 8.8 | 100. | 20. | 0.6 | 0.00 |
| 5617. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 5630. | 10.5 | 100. | 40. | 1.2 | 0.00 |
| 5631. | 7.5 | 84. | 42. | 0.3 | 0.01 |
| 5632. | 2.6 | 100. | 48. | 0.1 | 0.01 |
| 5634. | 1.8 | 100. | 44. | 0.1 | 0.00 |
| 5635. | 1.5 | 100. | 46. | 0.1 | 0.00 |
| 5636. | 4.9 | 100. | 38. | 0.1 | 0.00 |
| 5637. | 5.0 | 100. | 30. | 0.1 | 0.00 |
| 5638. | 4.3 | 100. | 22. | 0.1 | 0.00 |
| 5639. | 4.0 | 100. | 22. | 0.1 | 0.00 |
| 5640. | 1.9 | 100. | 30. | 0.1 | 0.00 |
| 5641. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 5646. | 0.1 | 100. | 50. | 0.1 | 0.00 |
| 5647. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 5648. | 2.6 | 100. | 0. | 0.1 | 0.00 |
| 5649. | 2.2 | 100. | 0. | 0.1 | 0.00 |
| 5650. | 2.3 | 100. | 0. | 0.1 | 0.00 |
| 5651. | 1.9 | 100. | 3. | 0.1 | 0.00 |
| 5652. | 1.4 | 100. | 7. | 0.1 | 0.00 |
| 5653. | 0.1 | 100. | 17. | 0.1 | 0.00 |
| 5654. | 0.1 | 100. | 33. | 0.1 | 0.00 |
| 5657. | 6.0 | 100. | 7. | 0.1 | 0.00 |
| 5658. | 5.0 | 100. | 17. | 0.1 | 0.00 |
| 5659. | 2.5 | 100. | 33. | 0.1 | 0.00 |
| 5662. | 4.3 | 100. | 19. | 0.1 | 0.00 |
| 5663. | 2.0 | 100. | 24. | 0.1 | 0.00 |
| 5664. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 5665. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 5669. | 8.9 | 100. | 42. | 0.6 | 0.00 |
| 5670. | 7.7 | 84. | 34. | 0.3 | 0.01 |
| 5671. | 4.5 | 100. | 20. | 0.1 | 0.01 |
| 5672. | 0.1 | 100. | 45. | 0.1 | 0.01 |
| 5673. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 5674. | 0.6 | 100. | 44. | 0.1 | 0.00 |
| 5677. | 1.1 | 100. | 36. | 0.1 | 0.00 |
| 5678. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 5682. | 5.0 | 100. | 50. | 0.1 | 0.00 |
| 5692. | 3.7 | 100. | 47. | 0.1 | 0.00 |

DESERET Lab

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 5693. | 5.6 | 100. | 34. | 0.1 | 0.00 |
| 5696. | 0.8 | 100. | 49. | 0.1 | 0.00 |
| 5697. | 4.5 | 100. | 32. | 0.1 | 0.00 |
| 5698. | 3.7 | 100. | 36. | 0.1 | 0.00 |
| 5699. | 2.1 | 100. | 45. | 0.1 | 0.00 |
| 5700. | 3.4 | 100. | 45. | 0.1 | 0.00 |
| 5704. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 5709. | 8.0 | 100. | 35. | 0.4 | 0.00 |
| 5710. | 8.4 | 100. | 25. | 0.4 | 0.00 |
| 5711. | 2.3 | 100. | 35. | 0.1 | 0.00 |
| 5712. | 0.3 | 100. | 40. | 0.1 | 0.00 |
| 5713. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 5714. | 0.1 | 100. | 39. | 0.1 | 0.00 |
| 5715. | 0.8 | 100. | 26. | 0.1 | 0.00 |
| 5716. | 0.6 | 100. | 26. | 0.1 | 0.00 |
| 5717. | 0.7 | 100. | 32. | 0.1 | 0.00 |
| 5718. | 2.6 | 100. | 21. | 0.1 | 0.00 |
| 5719. | 2.7 | 100. | 18. | 0.1 | 0.00 |
| 5720. | 2.3 | 100. | 17. | 0.1 | 0.00 |
| 5721. | 1.4 | 100. | 20. | 0.1 | 0.00 |
| 5722. | 0.9 | 100. | 23. | 0.1 | 0.00 |
| 5723. | 0.6 | 100. | 26. | 0.1 | 0.00 |
| 5724. | 3.1 | 100. | 14. | 0.1 | 0.00 |
| 5725. | 4.7 | 100. | 9. | 0.1 | 0.00 |
| 5726. | 6.7 | 100. | 7. | 0.2 | 0.00 |
| 5727. | 7.5 | 100. | 7. | 0.3 | 0.00 |
| 5728. | 7.4 | 100. | 6. | 0.2 | 0.00 |
| 5729. | 8.5 | 100. | 5. | 0.5 | 0.00 |
| 5730. | 9.2 | 93. | 4. | 0.7 | 0.00 |
| 5731. | 9.8 | 100. | 1. | 0.9 | 0.00 |
| 5732. | 9.9 | 100. | 0. | 0.9 | 0.00 |
| 5733. | 8.8 | 99. | 1. | 0.6 | 0.00 |
| 5734. | 7.2 | 100. | 5. | 0.2 | 0.00 |
| 5735. | 7.5 | 100. | 0. | 0.3 | 0.00 |
| 5736. | 6.7 | 100. | 2. | 0.2 | 0.00 |
| 5737. | 5.0 | 100. | 6. | 0.1 | 0.00 |
| 5738. | 3.4 | 100. | 12. | 0.1 | 0.00 |
| 5739. | 1.9 | 100. | 19. | 0.1 | 0.00 |
| 5740. | 1.7 | 100. | 17. | 0.1 | 0.00 |
| 5741. | 1.8 | 100. | 14. | 0.1 | 0.00 |
| 5742. | 5.8 | 100. | 7. | 0.1 | 0.00 |
| 5743. | 7.6 | 100. | 4. | 0.3 | 0.00 |
| 5744. | 7.9 | 100. | 2. | 0.3 | 0.00 |
| 5745. | 6.3 | 100. | 7. | 0.1 | 0.00 |
| 5746. | 8.0 | 100. | 4. | 0.4 | 0.01 |
| 5747. | 8.2 | 100. | 4. | 0.4 | 0.01 |
| 5748. | 5.7 | 63. | 16. | 0.1 | 0.03 |

DresserAtlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 5749. | 1.9 | 100. | 31. | 0.1 | 0.04 |
| 5750. | 2.2 | 100. | 19. | 0.1 | 0.04 |
| 5751. | 0.1 | 100. | 16. | 0.1 | 0.04 |
| 5752. | 0.1 | 100. | 9. | 0.1 | 0.04 |
| 5753. | 0.1 | 100. | 21. | 0.1 | 0.04 |
| 5754. | 0.1 | 100. | 31. | 0.1 | 0.04 |
| 5755. | 0.1 | 100. | 41. | 0.1 | 0.04 |
| 5756. | 0.1 | 100. | 35. | 0.1 | 0.04 |
| 5757. | 1.5 | 100. | 24. | 0.1 | 0.04 |
| 5758. | 0.3 | 100. | 28. | 0.1 | 0.04 |
| 5759. | 0.4 | 100. | 37. | 0.1 | 0.04 |
| 5760. | 1.4 | 100. | 39. | 0.1 | 0.04 |
| 5761. | 2.5 | 100. | 27. | 0.1 | 0.04 |
| 5762. | 0.1 | 100. | 28. | 0.1 | 0.04 |
| 5763. | 1.6 | 100. | 24. | 0.1 | 0.04 |
| 5764. | 2.3 | 100. | 22. | 0.1 | 0.04 |
| 5765. | 1.7 | 100. | 24. | 0.1 | 0.04 |
| 5770. | 0.1 | 100. | 50. | 0.1 | 0.00 |
| 5771. | 0.1 | 100. | 34. | 0.1 | 0.00 |
| 5772. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 5774. | 3.4 | 100. | 45. | 0.1 | 0.00 |
| 5775. | 6.2 | 100. | 45. | 0.1 | 0.00 |
| 5776. | 4.4 | 100. | 49. | 0.1 | 0.00 |
| 5782. | 3.5 | 100. | 38. | 0.1 | 0.00 |
| 5783. | 0.5 | 100. | 38. | 0.1 | 0.00 |
| 5793. | 4.0 | 100. | 46. | 0.1 | 0.00 |
| 5794. | 2.9 | 100. | 45. | 0.1 | 0.00 |
| 5801. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 5802. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 5809. | 6.7 | 100. | 28. | 0.2 | 0.00 |
| 5810. | 4.9 | 100. | 18. | 0.1 | 0.00 |
| 5811. | 1.4 | 100. | 19. | 0.1 | 0.00 |
| 5815. | 10.1 | 100. | 28. | 1.0 | 0.00 |
| 5816. | 7.0 | 100. | 18. | 0.2 | 0.00 |
| 5817. | 2.8 | 100. | 19. | 0.1 | 0.00 |
| 5820. | 1.3 | 100. | 43. | 0.1 | 0.00 |
| 5821. | 0.1 | 100. | 50. | 0.1 | 0.00 |
| 5822. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 5823. | 4.2 | 99. | 35. | 0.1 | 0.00 |
| 5827. | 0.8 | 100. | 37. | 0.1 | 0.00 |
| 5828. | 0.1 | 100. | 26. | 0.1 | 0.00 |

DECLASSIFIED

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 5829. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 5830. | 3.7 | 100. | 44. | 0.1 | 0.00 |
| 5833. | 2.3 | 100. | 42. | 0.1 | 0.00 |
| 5834. | 2.2 | 100. | 37. | 0.1 | 0.00 |
| 5835. | 0.4 | 100. | 35. | 0.1 | 0.00 |
| 5836. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 5837. | 0.1 | 100. | 30. | 0.1 | 0.00 |
| 5838. | 1.9 | 100. | 25. | 0.1 | 0.00 |
| 5839. | 3.4 | 100. | 36. | 0.1 | 0.00 |
| 5840. | 1.7 | 100. | 46. | 0.1 | 0.00 |
| 5841. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 5842. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 5843. | 0.1 | 100. | 34. | 0.1 | 0.00 |
| 5844. | 0.1 | 100. | 30. | 0.1 | 0.00 |
| 5845. | 0.1 | 100. | 26. | 0.1 | 0.00 |
| 5846. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 5847. | 2.0 | 100. | 43. | 0.1 | 0.00 |
| 5849. | 1.3 | 100. | 40. | 0.1 | 0.00 |
| 5850. | 0.6 | 100. | 37. | 0.1 | 0.00 |
| 5851. | 5.8 | 100. | 29. | 0.1 | 0.00 |
| 5852. | 5.8 | 100. | 36. | 0.1 | 0.00 |
| 5853. | 4.8 | 100. | 41. | 0.1 | 0.00 |
| 5854. | 1.3 | 100. | 35. | 0.1 | 0.00 |
| 5855. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 5856. | 0.1 | 100. | 21. | 0.1 | 0.00 |
| 5857. | 4.6 | 100. | 18. | 0.1 | 0.00 |
| 5858. | 4.1 | 100. | 28. | 0.1 | 0.00 |
| 5859. | 2.4 | 100. | 41. | 0.1 | 0.00 |
| 5860. | 0.7 | 100. | 50. | 0.1 | 0.00 |
| 5861. | 1.4 | 100. | 36. | 0.1 | 0.00 |
| 5862. | 0.3 | 100. | 29. | 0.1 | 0.00 |
| 5863. | 1.9 | 100. | 24. | 0.1 | 0.00 |
| 5864. | 2.3 | 100. | 27. | 0.1 | 0.00 |
| 5865. | 1.9 | 100. | 31. | 0.1 | 0.00 |
| 5866. | 0.6 | 100. | 34. | 0.1 | 0.00 |
| 5867. | 0.6 | 100. | 28. | 0.1 | 0.00 |
| 5868. | 0.6 | 100. | 21. | 0.1 | 0.00 |
| 5869. | 1.9 | 100. | 23. | 0.1 | 0.00 |
| 5870. | 4.2 | 100. | 16. | 0.1 | 0.00 |
| 5871. | 4.7 | 100. | 12. | 0.1 | 0.00 |
| 5872. | 5.7 | 100. | 4. | 0.1 | 0.00 |
| 5873. | 5.3 | 100. | 3. | 0.1 | 0.00 |
| 5874. | 4.5 | 100. | 4. | 0.1 | 0.00 |
| 5875. | 3.8 | 100. | 4. | 0.1 | 0.00 |
| 5876. | 2.1 | 100. | 9. | 0.1 | 0.00 |
| 5877. | 2.3 | 100. | 5. | 0.1 | 0.00 |
| 5878. | 4.3 | 100. | 4. | 0.1 | 0.00 |
| 5879. | 4.8 | 100. | 10. | 0.1 | 0.00 |

DresserAtlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 5880. | 4.6 | 93. | 14. | 0.1 | 0.01 |
| 5881. | 4.9 | 71. | 14. | 0.1 | 0.01 |
| 5882. | 4.9 | 94. | 12. | 0.1 | 0.03 |
| 5883. | 5.1 | 100. | 9. | 0.1 | 0.03 |
| 5884. | 5.0 | 100. | 7. | 0.1 | 0.03 |
| 5885. | 5.0 | 100. | 5. | 0.1 | 0.03 |
| 5886. | 6.2 | 100. | 3. | 0.1 | 0.03 |
| 5887. | 6.2 | 100. | 3. | 0.1 | 0.03 |
| 5888. | 5.7 | 94. | 4. | 0.1 | 0.03 |
| 5889. | 5.1 | 100. | 6. | 0.1 | 0.03 |
| 5890. | 5.2 | 100. | 6. | 0.1 | 0.03 |
| 5891. | 5.7 | 100. | 4. | 0.1 | 0.03 |
| 5892. | 6.5 | 100. | 5. | 0.1 | 0.03 |
| 5893. | 5.5 | 100. | 9. | 0.1 | 0.03 |
| 5894. | 1.3 | 100. | 13. | 0.1 | 0.03 |
| 5895. | 0.5 | 100. | 9. | 0.1 | 0.03 |
| 5896. | 0.1 | 100. | 29. | 0.1 | 0.03 |
| 5900. | 1.7 | 100. | 34. | 0.1 | 0.00 |
| 5901. | 1.2 | 100. | 32. | 0.1 | 0.00 |
| 5902. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 5903. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 5907. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 5908. | 0.5 | 100. | 35. | 0.1 | 0.00 |
| 5909. | 1.2 | 100. | 31. | 0.1 | 0.00 |
| 5910. | 0.4 | 100. | 32. | 0.1 | 0.00 |
| 5911. | 0.3 | 100. | 37. | 0.1 | 0.00 |
| 5912. | 0.1 | 100. | 37. | 0.1 | 0.00 |
| 5913. | 0.1 | 100. | 20. | 0.1 | 0.00 |
| 5914. | 0.1 | 100. | 21. | 0.1 | 0.00 |
| 5915. | 2.4 | 100. | 16. | 0.1 | 0.00 |
| 5916. | 1.6 | 100. | 27. | 0.1 | 0.00 |
| 5917. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 5918. | 2.4 | 100. | 33. | 0.1 | 0.00 |
| 5919. | 2.7 | 100. | 38. | 0.1 | 0.00 |
| 5921. | 0.4 | 100. | 27. | 0.1 | 0.00 |
| 5922. | 0.9 | 100. | 8. | 0.1 | 0.00 |
| 5923. | 0.1 | 100. | 16. | 0.1 | 0.00 |
| 5924. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 5926. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 5927. | 0.1 | 100. | 23. | 0.1 | 0.00 |
| 5928. | 2.0 | 100. | 37. | 0.1 | 0.00 |
| 5929. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 5930. | 1.0 | 100. | 24. | 0.1 | 0.00 |
| 5931. | 3.3 | 100. | 4. | 0.1 | 0.00 |
| 5932. | 3.0 | 100. | 1. | 0.1 | 0.00 |
| 5933. | 0.3 | 100. | 8. | 0.1 | 0.00 |

DECLASSIFIED

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 5934. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 5939. | 5.8 | 100. | 45. | 0.1 | 0.00 |
| 5940. | 8.2 | 100. | 38. | 0.4 | 0.00 |
| 5941. | 5.5 | 100. | 42. | 0.1 | 0.00 |
| 5943. | 0.5 | 100. | 34. | 0.1 | 0.00 |
| 5944. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 5948. | 7.2 | 100. | 48. | 0.2 | 0.00 |
| 5949. | 3.6 | 100. | 46. | 0.1 | 0.00 |
| 5950. | 0.5 | 100. | 46. | 0.1 | 0.00 |
| 5951. | 0.2 | 100. | 47. | 0.1 | 0.00 |
| 5952. | 0.2 | 100. | 50. | 0.1 | 0.00 |
| 5955. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 5956. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 5957. | 0.8 | 100. | 27. | 0.1 | 0.00 |
| 5958. | 0.2 | 100. | 23. | 0.1 | 0.00 |
| 5959. | 0.3 | 100. | 33. | 0.1 | 0.00 |
| 5960. | 0.1 | 100. | 39. | 0.1 | 0.00 |
| 5961. | 0.1 | 100. | 30. | 0.1 | 0.00 |
| 5962. | 1.9 | 100. | 20. | 0.1 | 0.00 |
| 5963. | 1.3 | 100. | 36. | 0.1 | 0.00 |
| 5964. | 1.9 | 100. | 29. | 0.1 | 0.00 |
| 5965. | 2.1 | 100. | 23. | 0.1 | 0.00 |
| 5966. | 3.1 | 100. | 26. | 0.1 | 0.00 |
| 5967. | 3.2 | 100. | 36. | 0.1 | 0.00 |
| 5968. | 0.7 | 100. | 49. | 0.1 | 0.00 |
| 5969. | 0.6 | 100. | 47. | 0.1 | 0.00 |
| 5970. | 1.6 | 100. | 37. | 0.1 | 0.00 |
| 5971. | 2.7 | 100. | 39. | 0.1 | 0.00 |
| 5972. | 0.3 | 100. | 46. | 0.1 | 0.00 |
| 5973. | 2.2 | 100. | 37. | 0.1 | 0.00 |
| 5974. | 0.6 | 100. | 33. | 0.1 | 0.00 |
| 5975. | 0.1 | 100. | 34. | 0.1 | 0.00 |
| 5976. | 0.2 | 100. | 32. | 0.1 | 0.00 |
| 5977. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 5981. | 3.6 | 100. | 43. | 0.1 | 0.00 |
| 5982. | 0.9 | 100. | 43. | 0.1 | 0.00 |
| 5983. | 1.1 | 100. | 43. | 0.1 | 0.00 |
| 5984. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 5985. | 0.5 | 100. | 46. | 0.1 | 0.00 |
| 5986. | 1.2 | 100. | 34. | 0.1 | 0.00 |
| 5987. | 0.1 | 100. | 30. | 0.1 | 0.00 |
| 5988. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 5991. | 1.2 | 100. | 44. | 0.1 | 0.00 |

DECISION lab

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 5993. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 5994. | 0.1 | 100. | 34. | 0.1 | 0.00 |
| 5995. | 0.4 | 100. | 38. | 0.1 | 0.00 |
| 5996. | 0.9 | 100. | 41. | 0.1 | 0.00 |
| 5997. | 2.2 | 100. | 47. | 0.1 | 0.00 |
| 6001. | 4.4 | 94. | 47. | 0.1 | 0.00 |
| 6002. | 4.7 | 100. | 33. | 0.1 | 0.00 |
| 6003. | 1.6 | 100. | 25. | 0.1 | 0.00 |
| 6004. | 0.2 | 100. | 15. | 0.1 | 0.00 |
| 6005. | 0.1 | 100. | 22. | 0.1 | 0.00 |
| 6006. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 6010. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 6012. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 6015. | 4.1 | 100. | 34. | 0.1 | 0.00 |
| 6018. | 0.8 | 100. | 50. | 0.1 | 0.00 |
| 6020. | 7.1 | 100. | 38. | 0.2 | 0.00 |
| 6021. | 5.9 | 100. | 35. | 0.1 | 0.00 |
| 6022. | 4.2 | 100. | 34. | 0.1 | 0.00 |
| 6023. | 3.5 | 100. | 30. | 0.1 | 0.00 |
| 6024. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 6026. | 10.3 | 73. | 40. | 1.1 | 0.01 |
| 6027. | 6.7 | 100. | 25. | 0.2 | 0.02 |
| 6028. | 1.3 | 100. | 25. | 0.1 | 0.02 |
| 6029. | 0.1 | 100. | 30. | 0.1 | 0.02 |
| 6030. | 0.1 | 100. | 44. | 0.1 | 0.02 |
| 6032. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 6033. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 6035. | 1.1 | 100. | 30. | 0.1 | 0.00 |
| 6036. | 0.1 | 100. | 14. | 0.1 | 0.00 |
| 6037. | 0.1 | 100. | 21. | 0.1 | 0.00 |
| 6038. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 6039. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 6040. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 6041. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 6042. | 2.5 | 100. | 10. | 0.1 | 0.00 |
| 6043. | 4.3 | 100. | 0. | 0.1 | 0.00 |
| 6044. | 3.1 | 100. | 0. | 0.1 | 0.00 |
| 6045. | 0.1 | 100. | 12. | 0.1 | 0.00 |
| 6046. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 6055. | 0.1 | 100. | 41. | 0.1 | 0.00 |

DecisionPoint Atlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6056. | 0.1 | 100. | 38. | 0.1 | 0.00 |
| 6057. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 6058. | 1.5 | 100. | 21. | 0.1 | 0.00 |
| 6059. | 2.5 | 100. | 15. | 0.1 | 0.00 |
| 6060. | 0.7 | 100. | 23. | 0.1 | 0.00 |
| 6061. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 6065. | 1.3 | 100. | 42. | 0.1 | 0.00 |
| 6066. | 6.4 | 92. | 17. | 0.1 | 0.00 |
| 6075. | 8.0 | 100. | 37. | 0.3 | 0.00 |
| 6076. | 4.6 | 59. | 48. | 0.1 | 0.01 |
| 6077. | 7.0 | 98. | 37. | 0.2 | 0.02 |
| 6078. | 5.5 | 100. | 31. | 0.1 | 0.02 |
| 6079. | 2.2 | 100. | 33. | 0.1 | 0.02 |
| 6080. | 0.1 | 100. | 46. | 0.1 | 0.02 |
| 6081. | 4.0 | 100. | 35. | 0.1 | 0.02 |
| 6082. | 4.6 | 100. | 39. | 0.1 | 0.02 |
| 6083. | 3.1 | 100. | 44. | 0.1 | 0.02 |
| 6085. | 1.3 | 100. | 43. | 0.1 | 0.00 |
| 6086. | 3.9 | 61. | 36. | 0.1 | 0.01 |
| 6087. | 3.9 | 66. | 30. | 0.1 | 0.03 |
| 6088. | 4.0 | 100. | 26. | 0.1 | 0.03 |
| 6089. | 4.0 | 100. | 27. | 0.1 | 0.03 |
| 6090. | 5.7 | 100. | 21. | 0.1 | 0.03 |
| 6091. | 4.2 | 100. | 17. | 0.1 | 0.03 |
| 6092. | 0.9 | 100. | 27. | 0.1 | 0.03 |
| 6093. | 1.2 | 100. | 43. | 0.1 | 0.03 |
| 6095. | 2.6 | 100. | 47. | 0.1 | 0.00 |
| 6102. | 8.3 | 70. | 39. | 0.4 | 0.02 |
| 6103. | 4.6 | 100. | 40. | 0.1 | 0.02 |
| 6104. | 6.7 | 95. | 38. | 0.2 | 0.02 |
| 6105. | 8.7 | 83. | 32. | 0.5 | 0.03 |
| 6106. | 10.5 | 100. | 24. | 1.2 | 0.04 |
| 6107. | 9.1 | 100. | 30. | 0.6 | 0.04 |
| 6108. | 8.2 | 100. | 24. | 0.4 | 0.04 |
| 6109. | 11.3 | 67. | 13. | 1.6 | 0.06 |
| 6110. | 14.3 | 50. | 6. | 4.6 | 0.12 |
| 6111. | 14.7 | 55. | 0. | 5.1 | 0.19 |
| 6112. | 9.1 | 65. | 0. | 0.6 | 0.22 |
| 6113. | 10.0 | 67. | 0. | 0.9 | 0.25 |
| 6114. | 5.7 | 2. | 24. | 0.1 | 0.29 |
| 6115. | 7.4 | 64. | 13. | 0.2 | 0.33 |
| 6116. | 8.2 | 100. | 6. | 0.4 | 0.33 |
| 6117. | 11.9 | 100. | 0. | 2.0 | 0.33 |
| 6118. | 12.9 | 100. | 0. | 2.9 | 0.33 |
| 6119. | 10.3 | 100. | 0. | 1.1 | 0.33 |

DresserAtlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6120. | 4.4 | 100. | 25. | 0.1 | 0.33 |
| 6121. | 5.2 | 100. | 27. | 0.1 | 0.33 |
| 6122. | 6.7 | 100. | 30. | 0.2 | 0.33 |
| 6123. | 7.2 | 100. | 31. | 0.2 | 0.33 |
| 6124. | 5.8 | 100. | 28. | 0.1 | 0.33 |
| 6125. | 3.9 | 100. | 29. | 0.1 | 0.33 |
| 6126. | 5.5 | 100. | 31. | 0.1 | 0.33 |
| 6127. | 5.9 | 100. | 32. | 0.1 | 0.33 |
| 6128. | 4.7 | 56. | 40. | 0.1 | 0.35 |
| 6129. | 0.1 | 100. | 45. | 0.1 | 0.35 |
| 6130. | 0.1 | 100. | 32. | 0.1 | 0.35 |
| 6131. | 9.3 | 100. | 12. | 0.7 | 0.35 |
| 6132. | 5.6 | 100. | 35. | 0.1 | 0.35 |
| 6135. | 6.3 | 100. | 23. | 0.1 | 0.00 |
| 6136. | 4.0 | 100. | 34. | 0.1 | 0.00 |
| 6137. | 4.7 | 100. | 36. | 0.1 | 0.00 |
| 6142. | 4.3 | 100. | 28. | 0.1 | 0.00 |
| 6143. | 5.0 | 100. | 32. | 0.1 | 0.00 |
| 6144. | 2.6 | 100. | 46. | 0.1 | 0.00 |
| 6149. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 6150. | 3.4 | 100. | 22. | 0.1 | 0.00 |
| 6151. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 6155. | 7.9 | 100. | 35. | 0.3 | 0.01 |
| 6156. | 5.4 | 100. | 21. | 0.1 | 0.01 |
| 6157. | 2.2 | 100. | 27. | 0.1 | 0.01 |
| 6158. | 6.2 | 100. | 40. | 0.1 | 0.01 |
| 6159. | 6.4 | 100. | 48. | 0.1 | 0.01 |
| 6168. | 4.3 | 100. | 40. | 0.1 | 0.00 |
| 6169. | 5.9 | 100. | 38. | 0.1 | 0.00 |
| 6170. | 2.9 | 100. | 49. | 0.1 | 0.00 |
| 6171. | 4.6 | 100. | 42. | 0.1 | 0.00 |
| 6172. | 4.6 | 100. | 34. | 0.1 | 0.00 |
| 6173. | 5.1 | 100. | 26. | 0.1 | 0.00 |
| 6174. | 5.2 | 100. | 24. | 0.1 | 0.00 |
| 6175. | 5.2 | 100. | 25. | 0.1 | 0.00 |
| 6176. | 4.9 | 100. | 33. | 0.1 | 0.00 |
| 6177. | 3.4 | 100. | 38. | 0.1 | 0.00 |
| 6178. | 0.2 | 100. | 49. | 0.1 | 0.00 |
| 6179. | 1.9 | 100. | 46. | 0.1 | 0.00 |
| 6180. | 2.4 | 100. | 35. | 0.1 | 0.00 |
| 6181. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 6184. | 3.6 | 100. | 36. | 0.1 | 0.00 |
| 6185. | 4.2 | 100. | 39. | 0.1 | 0.00 |

PresGAMMA

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6188. | 3.4 | 100. | 32. | 0.1 | 0.00 |
| 6192. | 2.0 | 100. | 26. | 0.1 | 0.00 |
| 6193. | 3.8 | 77. | 28. | 0.1 | 0.00 |
| 6194. | 2.4 | 88. | 44. | 0.1 | 0.01 |
| 6195. | 3.1 | 100. | 23. | 0.1 | 0.01 |
| 6196. | 3.6 | 82. | 16. | 0.1 | 0.02 |
| 6197. | 5.3 | 51. | 12. | 0.1 | 0.04 |
| 6198. | 7.8 | 47. | 5. | 0.3 | 0.07 |
| 6199. | 8.0 | 34. | 5. | 0.4 | 0.13 |
| 6200. | 6.4 | 34. | 5. | 0.1 | 0.17 |
| 6201. | 7.0 | 18. | 8. | 0.2 | 0.22 |
| 6202. | 5.3 | 35. | 8. | 0.1 | 0.27 |
| 6203. | 3.8 | 80. | 6. | 0.1 | 0.28 |
| 6204. | 2.2 | 96. | 6. | 0.1 | 0.29 |
| 6205. | 2.4 | 100. | 2. | 0.1 | 0.29 |
| 6206. | 0.2 | 100. | 14. | 0.1 | 0.29 |
| 6214. | 0.3 | 100. | 43. | 0.1 | 0.00 |
| 6219. | 0.8 | 100. | 36. | 0.1 | 0.00 |
| 6220. | 1.8 | 100. | 29. | 0.1 | 0.00 |
| 6221. | 3.3 | 100. | 26. | 0.1 | 0.00 |
| 6222. | 5.5 | 100. | 26. | 0.1 | 0.00 |
| 6223. | 3.7 | 62. | 39. | 0.1 | 0.01 |
| 6224. | 3.6 | 65. | 30. | 0.1 | 0.02 |
| 6225. | 5.5 | 2. | 22. | 0.1 | 0.06 |
| 6226. | 7.1 | 32. | 17. | 0.2 | 0.10 |
| 6227. | 4.8 | 56. | 25. | 0.1 | 0.14 |
| 6228. | 5.3 | 28. | 20. | 0.1 | 0.18 |
| 6229. | 5.5 | 58. | 17. | 0.1 | 0.20 |
| 6230. | 5.3 | 91. | 15. | 0.1 | 0.21 |
| 6231. | 4.8 | 98. | 14. | 0.1 | 0.21 |
| 6232. | 5.4 | 87. | 13. | 0.1 | 0.21 |
| 6233. | 7.1 | 66. | 10. | 0.2 | 0.23 |
| 6234. | 8.2 | 38. | 7. | 0.4 | 0.28 |
| 6235. | 7.1 | 42. | 10. | 0.2 | 0.32 |
| 6236. | 6.2 | 61. | 14. | 0.1 | 0.35 |
| 6237. | 5.5 | 35. | 18. | 0.1 | 0.38 |
| 6238. | 5.1 | 51. | 13. | 0.1 | 0.41 |
| 6239. | 4.1 | 59. | 15. | 0.1 | 0.43 |
| 6240. | 4.8 | 56. | 9. | 0.1 | 0.45 |
| 6241. | 5.8 | 73. | 4. | 0.1 | 0.47 |
| 6242. | 6.9 | 55. | 9. | 0.2 | 0.49 |
| 6243. | 7.3 | 43. | 14. | 0.2 | 0.53 |
| 6244. | 7.3 | 58. | 12. | 0.2 | 0.57 |
| 6245. | 6.2 | 64. | 10. | 0.1 | 0.59 |
| 6246. | 5.5 | 53. | 10. | 0.1 | 0.62 |
| 6247. | 6.8 | 58. | 12. | 0.2 | 0.65 |
| 6248. | 8.0 | 43. | 18. | 0.4 | 0.68 |

Preserve Utah

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6249. | 7.8 | 0. | 29. | 0.3 | 0.76 |
| 6250. | 0.1 | 100. | 34. | 0.1 | 0.77 |
| 6251. | 2.5 | 100. | 6. | 0.1 | 0.77 |
| 6252. | 6.9 | 50. | 10. | 0.2 | 0.79 |
| 6253. | 7.8 | 66. | 21. | 0.3 | 0.82 |
| 6254. | 7.9 | 77. | 26. | 0.3 | 0.84 |
| 6255. | 6.9 | 84. | 31. | 0.2 | 0.85 |
| 6256. | 4.9 | 77. | 35. | 0.1 | 0.86 |
| 6257. | 3.3 | 68. | 33. | 0.1 | 0.87 |
| 6258. | 3.4 | 66. | 26. | 0.1 | 0.88 |
| 6259. | 4.2 | 59. | 18. | 0.1 | 0.90 |
| 6264. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 6265. | 1.2 | 100. | 46. | 0.1 | 0.00 |
| 6269. | 0.3 | 100. | 41. | 0.1 | 0.00 |
| 6270. | 1.3 | 100. | 25. | 0.1 | 0.00 |
| 6271. | 3.0 | 100. | 15. | 0.1 | 0.00 |
| 6272. | 5.6 | 100. | 15. | 0.1 | 0.00 |
| 6273. | 3.4 | 100. | 37. | 0.1 | 0.00 |
| 6274. | 5.6 | 100. | 33. | 0.1 | 0.00 |
| 6280. | 3.9 | 67. | 31. | 0.1 | 0.01 |
| 6281. | 6.5 | 100. | 29. | 0.1 | 0.01 |
| 6282. | 5.5 | 100. | 41. | 0.1 | 0.01 |
| 6283. | 3.4 | 100. | 48. | 0.1 | 0.01 |
| 6284. | 2.9 | 75. | 46. | 0.1 | 0.01 |
| 6286. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 6287. | 1.9 | 100. | 10. | 0.1 | 0.00 |
| 6288. | 4.6 | 100. | 1. | 0.1 | 0.00 |
| 6289. | 2.6 | 100. | 7. | 0.1 | 0.00 |
| 6290. | 0.9 | 100. | 16. | 0.1 | 0.00 |
| 6291. | 2.0 | 100. | 30. | 0.1 | 0.00 |
| 6292. | 1.0 | 100. | 43. | 0.1 | 0.00 |
| 6293. | 1.8 | 100. | 36. | 0.1 | 0.00 |
| 6294. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 6295. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 6302. | 0.1 | 100. | 50. | 0.1 | 0.00 |
| 6303. | 1.6 | 100. | 24. | 0.1 | 0.00 |
| 6304. | 2.5 | 100. | 18. | 0.1 | 0.00 |
| 6305. | 2.2 | 100. | 23. | 0.1 | 0.00 |
| 6306. | 2.0 | 100. | 41. | 0.1 | 0.00 |
| 6307. | 3.3 | 100. | 44. | 0.1 | 0.00 |
| 6310. | 1.8 | 100. | 35. | 0.1 | 0.00 |
| 6311. | 5.7 | 100. | 34. | 0.1 | 0.00 |
| 6313. | 0.1 | 100. | 50. | 0.1 | 0.00 |

DresserAtlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6314. | 6.8 | 100. | 33. | 0.2 | 0.00 |
| 6315. | 1.9 | 100. | 46. | 0.1 | 0.00 |
| 6316. | 2.3 | 100. | 40. | 0.1 | 0.00 |
| 6317. | 2.4 | 100. | 36. | 0.1 | 0.00 |
| 6318. | 4.2 | 100. | 39. | 0.1 | 0.00 |
| 6321. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 6322. | 2.8 | 100. | 29. | 0.1 | 0.00 |
| 6323. | 2.2 | 100. | 35. | 0.1 | 0.00 |
| 6324. | 2.9 | 100. | 24. | 0.1 | 0.00 |
| 6329. | 1.5 | 100. | 31. | 0.1 | 0.00 |
| 6330. | 6.1 | 100. | 17. | 0.1 | 0.00 |
| 6331. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 6332. | 0.1 | 100. | 50. | 0.1 | 0.00 |
| 6333. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 6336. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 6337. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 6340. | 1.9 | 100. | 39. | 0.1 | 0.00 |
| 6341. | 2.5 | 100. | 36. | 0.1 | 0.00 |
| 6342. | 1.6 | 100. | 49. | 0.1 | 0.00 |
| 6355. | 1.7 | 100. | 45. | 0.1 | 0.00 |
| 6356. | 5.1 | 100. | 43. | 0.1 | 0.00 |
| 6357. | 4.5 | 100. | 45. | 0.1 | 0.00 |
| 6358. | 3.1 | 100. | 47. | 0.1 | 0.00 |
| 6359. | 7.3 | 100. | 47. | 0.2 | 0.00 |
| 6362. | 5.3 | 100. | 43. | 0.1 | 0.00 |
| 6363. | 6.7 | 95. | 47. | 0.2 | 0.00 |
| 6364. | 7.9 | 100. | 47. | 0.3 | 0.00 |
| 6367. | 2.4 | 100. | 43. | 0.1 | 0.00 |
| 6370. | 9.0 | 100. | 25. | 0.6 | 0.00 |
| 6371. | 3.4 | 100. | 41. | 0.1 | 0.00 |
| 6373. | 0.2 | 100. | 47. | 0.1 | 0.00 |
| 6374. | 3.3 | 70. | 37. | 0.1 | 0.00 |
| 6375. | 5.0 | 74. | 35. | 0.1 | 0.02 |
| 6376. | 2.2 | 96. | 49. | 0.1 | 0.02 |
| 6381. | 0.3 | 100. | 34. | 0.1 | 0.00 |
| 6382. | 4.4 | 100. | 19. | 0.1 | 0.00 |
| 6383. | 0.9 | 100. | 45. | 0.1 | 0.00 |
| 6387. | 0.2 | 100. | 29. | 0.1 | 0.00 |
| 6388. | 0.1 | 100. | 27. | 0.1 | 0.00 |

DresserAtlas

MAPCO, INC.-----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6389. | 0.1 | 100. | 26. | 0.1 | 0.00 |
| 6397. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 6398. | 3.0 | 100. | 9. | 0.1 | 0.00 |
| 6399. | 4.8 | 100. | 1. | 0.1 | 0.00 |
| 6400. | 4.5 | 100. | 3. | 0.1 | 0.00 |
| 6401. | 4.1 | 100. | 9. | 0.1 | 0.00 |
| 6402. | 1.9 | 100. | 25. | 0.1 | 0.00 |
| 6403. | 1.0 | 100. | 32. | 0.1 | 0.00 |
| 6404. | 4.9 | 99. | 32. | 0.1 | 0.00 |
| 6405. | 4.2 | 100. | 44. | 0.1 | 0.00 |
| 6409. | 3.6 | 100. | 38. | 0.1 | 0.00 |
| 6410. | 6.2 | 90. | 26. | 0.1 | 0.00 |
| 6411. | 8.4 | 100. | 24. | 0.4 | 0.00 |
| 6412. | 7.0 | 70. | 36. | 0.2 | 0.02 |
| 6413. | 0.1 | 100. | 50. | 0.1 | 0.02 |
| 6414. | 0.1 | 100. | 27. | 0.1 | 0.02 |
| 6415. | 0.8 | 100. | 15. | 0.1 | 0.02 |
| 6416. | 6.2 | 100. | 24. | 0.1 | 0.02 |
| 6417. | 5.4 | 100. | 37. | 0.1 | 0.02 |
| 6418. | 4.8 | 100. | 44. | 0.1 | 0.02 |
| 6420. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 6421. | 1.1 | 100. | 38. | 0.1 | 0.00 |
| 6422. | 0.6 | 100. | 44. | 0.1 | 0.00 |
| 6423. | 0.9 | 100. | 46. | 0.1 | 0.00 |
| 6435. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 6436. | 0.9 | 100. | 29. | 0.1 | 0.00 |
| 6437. | 4.0 | 100. | 36. | 0.1 | 0.00 |
| 6439. | 1.4 | 100. | 44. | 0.1 | 0.00 |
| 6440. | 1.5 | 100. | 48. | 0.1 | 0.00 |
| 6443. | 3.3 | 100. | 47. | 0.1 | 0.00 |
| 6449. | 4.2 | 100. | 36. | 0.1 | 0.00 |
| 6452. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 6453. | 2.6 | 100. | 34. | 0.1 | 0.00 |
| 6454. | 0.8 | 100. | 41. | 0.1 | 0.00 |
| 6455. | 2.9 | 100. | 24. | 0.1 | 0.00 |
| 6456. | 3.7 | 100. | 24. | 0.1 | 0.00 |
| 6457. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 6458. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 6459. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 6460. | 0.9 | 100. | 36. | 0.1 | 0.00 |
| 6461. | 0.1 | 100. | 46. | 0.1 | 0.00 |

Dresser Atlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6469. | 1.6 | 100. | 37. | 0.1 | 0.00 |
| 6470. | 1.0 | 100. | 39. | 0.1 | 0.00 |
| 6471. | 2.0 | 100. | 28. | 0.1 | 0.00 |
| 6472. | 0.1 | 100. | 19. | 0.1 | 0.00 |
| 6473. | 1.1 | 100. | 9. | 0.1 | 0.00 |
| 6474. | 4.1 | 100. | 2. | 0.1 | 0.00 |
| 6475. | 3.3 | 100. | 7. | 0.1 | 0.00 |
| 6476. | 2.4 | 100. | 6. | 0.1 | 0.00 |
| 6477. | 2.6 | 100. | 4. | 0.1 | 0.00 |
| 6478. | 0.1 | 100. | 11. | 0.1 | 0.00 |
| 6479. | 0.1 | 100. | 25. | 0.1 | 0.00 |
| 6494. | 4.4 | 100. | 32. | 0.1 | 0.00 |
| 6495. | 1.7 | 100. | 34. | 0.1 | 0.00 |
| 6496. | 0.8 | 100. | 35. | 0.1 | 0.00 |
| 6497. | 2.3 | 93. | 31. | 0.1 | 0.00 |
| 6498. | 3.1 | 100. | 37. | 0.1 | 0.00 |
| 6499. | 4.9 | 100. | 46. | 0.1 | 0.00 |
| 6502. | 6.0 | 77. | 38. | 0.1 | 0.01 |
| 6503. | 4.0 | 100. | 24. | 0.1 | 0.01 |
| 6506. | 0.6 | 100. | 39. | 0.1 | 0.00 |
| 6507. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 6509. | 2.0 | 100. | 32. | 0.1 | 0.00 |
| 6510. | 0.7 | 100. | 28. | 0.1 | 0.00 |
| 6511. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 6512. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 6513. | 1.2 | 100. | 26. | 0.1 | 0.00 |
| 6514. | 1.3 | 100. | 20. | 0.1 | 0.00 |
| 6515. | 0.7 | 100. | 20. | 0.1 | 0.00 |
| 6516. | 0.1 | 100. | 25. | 0.1 | 0.00 |
| 6517. | 0.1 | 100. | 26. | 0.1 | 0.00 |
| 6518. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 6519. | 0.1 | 100. | 15. | 0.1 | 0.00 |
| 6520. | 0.1 | 100. | 11. | 0.1 | 0.00 |
| 6521. | 0.1 | 100. | 8. | 0.1 | 0.00 |
| 6522. | 0.1 | 100. | 5. | 0.1 | 0.00 |
| 6523. | 0.1 | 100. | 0. | 0.1 | 0.00 |
| 6524. | 0.9 | 100. | 0. | 0.1 | 0.00 |
| 6525. | 0.1 | 100. | 37. | 0.1 | 0.00 |
| 6531. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 6532. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 6534. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 6545. | 1.2 | 100. | 29. | 0.1 | 0.00 |
| 6546. | 2.4 | 100. | 31. | 0.1 | 0.00 |

DresserAtlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6547. | 3.1 | 100. | 36. | 0.1 | 0.00 |
| 6548. | 3.0 | 100. | 39. | 0.1 | 0.00 |
| 6550. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 6551. | 2.1 | 100. | 35. | 0.1 | 0.00 |
| 6552. | 1.2 | 100. | 29. | 0.1 | 0.00 |
| 6553. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 6563. | 2.6 | 100. | 46. | 0.1 | 0.00 |
| 6567. | 2.9 | 88. | 36. | 0.1 | 0.00 |
| 6569. | 0.1 | 100. | 27. | 0.1 | 0.00 |
| 6570. | 0.1 | 100. | 25. | 0.1 | 0.00 |
| 6571. | 0.5 | 100. | 28. | 0.1 | 0.00 |
| 6572. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 6573. | 2.2 | 100. | 43. | 0.1 | 0.00 |
| 6574. | 1.8 | 100. | 49. | 0.1 | 0.00 |
| 6576. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 6580. | 0.9 | 100. | 46. | 0.1 | 0.00 |
| 6581. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 6583. | 0.1 | 100. | 46. | 0.1 | 0.00 |
| 6584. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 6585. | 0.1 | 100. | 47. | 0.1 | 0.00 |
| 6586. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 6591. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 6592. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 6598. | 4.6 | 100. | 33. | 0.1 | 0.00 |
| 6599. | 0.1 | 100. | 31. | 0.1 | 0.00 |
| 6600. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 6601. | 0.1 | 100. | 33. | 0.1 | 0.00 |
| 6602. | 0.1 | 100. | 21. | 0.1 | 0.00 |
| 6603. | 0.1 | 100. | 16. | 0.1 | 0.00 |
| 6604. | 0.1 | 100. | 20. | 0.1 | 0.00 |
| 6605. | 0.1 | 100. | 33. | 0.1 | 0.00 |
| 6606. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 6609. | 2.1 | 100. | 44. | 0.1 | 0.00 |
| 6610. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 6611. | 0.3 | 100. | 48. | 0.1 | 0.00 |
| 6614. | 6.8 | 100. | 21. | 0.2 | 0.00 |
| 6615. | 5.4 | 92. | 30. | 0.1 | 0.00 |
| 6616. | 3.7 | 66. | 37. | 0.1 | 0.02 |
| 6617. | 3.1 | 100. | 17. | 0.1 | 0.02 |

Dresser Atlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6618. | 2.3 | 100. | 19. | 0.1 | 0.02 |
| 6619. | 3.9 | 100. | 15. | 0.1 | 0.02 |
| 6620. | 0.2 | 100. | 11. | 0.1 | 0.02 |
| 6621. | 0.6 | 100. | 6. | 0.1 | 0.02 |
| 6622. | 0.7 | 100. | 9. | 0.1 | 0.02 |
| 6623. | 1.7 | 100. | 27. | 0.1 | 0.02 |
| 6624. | 3.2 | 100. | 30. | 0.1 | 0.02 |
| 6625. | 0.6 | 100. | 27. | 0.1 | 0.02 |
| 6626. | 0.1 | 100. | 29. | 0.1 | 0.02 |
| 6627. | 0.1 | 100. | 16. | 0.1 | 0.02 |
| 6628. | 0.1 | 100. | 15. | 0.1 | 0.02 |
| 6629. | 0.1 | 100. | 29. | 0.1 | 0.02 |
| 6630. | 0.1 | 100. | 49. | 0.1 | 0.02 |
| 6631. | 1.6 | 100. | 24. | 0.1 | 0.02 |
| 6632. | 0.1 | 100. | 23. | 0.1 | 0.02 |
| 6633. | 0.1 | 100. | 32. | 0.1 | 0.02 |
| 6634. | 0.9 | 100. | 26. | 0.1 | 0.02 |
| 6635. | 0.1 | 100. | 30. | 0.1 | 0.02 |
| 6638. | 0.1 | 100. | 16. | 0.1 | 0.00 |
| 6639. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 6640. | 4.3 | 100. | 24. | 0.1 | 0.00 |
| 6641. | 5.3 | 100. | 21. | 0.1 | 0.00 |
| 6642. | 2.4 | 100. | 17. | 0.1 | 0.00 |
| 6643. | 1.5 | 100. | 18. | 0.1 | 0.00 |
| 6644. | 2.6 | 100. | 20. | 0.1 | 0.00 |
| 6645. | 2.8 | 100. | 18. | 0.1 | 0.00 |
| 6646. | 3.3 | 100. | 19. | 0.1 | 0.00 |
| 6647. | 3.2 | 100. | 24. | 0.1 | 0.00 |
| 6648. | 3.7 | 100. | 28. | 0.1 | 0.00 |
| 6649. | 3.8 | 62. | 28. | 0.1 | 0.01 |
| 6650. | 2.3 | 100. | 20. | 0.1 | 0.02 |
| 6651. | 0.1 | 100. | 12. | 0.1 | 0.02 |
| 6652. | 0.1 | 100. | 1. | 0.1 | 0.02 |
| 6653. | 0.1 | 100. | 0. | 0.1 | 0.02 |
| 6654. | 4.1 | 100. | 2. | 0.1 | 0.02 |
| 6655. | 1.9 | 100. | 23. | 0.1 | 0.02 |
| 6656. | 6.0 | 24. | 10. | 0.1 | 0.07 |
| 6657. | 0.2 | 100. | 0. | 0.1 | 0.07 |
| 6658. | 0.1 | 100. | 0. | 0.1 | 0.07 |
| 6659. | 0.1 | 100. | 0. | 0.1 | 0.07 |
| 6660. | 0.1 | 100. | 0. | 0.1 | 0.07 |
| 6661. | 1.3 | 100. | 2. | 0.1 | 0.07 |
| 6664. | 0.5 | 100. | 23. | 0.1 | 0.00 |
| 6665. | 1.5 | 100. | 26. | 0.1 | 0.00 |
| 6667. | 1.9 | 100. | 17. | 0.1 | 0.00 |
| 6668. | 1.6 | 100. | 11. | 0.1 | 0.00 |
| 6669. | 1.4 | 100. | 7. | 0.1 | 0.00 |

Dresser Atlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6670. | 1.3 | 100. | 4. | 0.1 | 0.00 |
| 6671. | 1.2 | 100. | 19. | 0.1 | 0.00 |
| 6672. | 1.7 | 100. | 35. | 0.1 | 0.00 |
| 6673. | 0.1 | 100. | 8. | 0.1 | 0.00 |
| 6674. | 0.1 | 100. | 0. | 0.1 | 0.00 |
| 6675. | 0.1 | 100. | 3. | 0.1 | 0.00 |
| 6676. | 0.3 | 100. | 29. | 0.1 | 0.00 |
| 6677. | 2.1 | 100. | 40. | 0.1 | 0.00 |
| 6678. | 0.5 | 100. | 35. | 0.1 | 0.00 |
| 6679. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 6684. | 0.9 | 100. | 34. | 0.1 | 0.00 |
| 6685. | 0.1 | 100. | 40. | 0.1 | 0.00 |
| 6694. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 6695. | 0.6 | 100. | 21. | 0.1 | 0.00 |
| 6696. | 0.1 | 100. | 22. | 0.1 | 0.00 |
| 6697. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 6698. | 0.1 | 100. | 21. | 0.1 | 0.00 |
| 6699. | 0.7 | 100. | 19. | 0.1 | 0.00 |
| 6700. | 2.2 | 100. | 40. | 0.1 | 0.00 |
| 6703. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 6704. | 0.2 | 100. | 30. | 0.1 | 0.00 |
| 6705. | 0.1 | 100. | 35. | 0.1 | 0.00 |
| 6706. | 1.7 | 100. | 28. | 0.1 | 0.00 |
| 6707. | 4.4 | 100. | 33. | 0.1 | 0.00 |
| 6708. | 4.1 | 100. | 37. | 0.1 | 0.00 |
| 6709. | 2.0 | 100. | 48. | 0.1 | 0.00 |
| 6711. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 6712. | 4.0 | 100. | 26. | 0.1 | 0.00 |
| 6713. | 2.5 | 100. | 28. | 0.1 | 0.00 |
| 6714. | 4.0 | 100. | 25. | 0.1 | 0.00 |
| 6718. | 0.1 | 100. | 33. | 0.1 | 0.00 |
| 6719. | 0.1 | 100. | 19. | 0.1 | 0.00 |
| 6724. | 0.4 | 100. | 13. | 0.1 | 0.00 |
| 6725. | 0.2 | 100. | 8. | 0.1 | 0.00 |
| 6726. | 0.1 | 100. | 13. | 0.1 | 0.00 |
| 6727. | 0.7 | 100. | 10. | 0.1 | 0.00 |
| 6728. | 0.8 | 100. | 11. | 0.1 | 0.00 |
| 6729. | 0.1 | 100. | 19. | 0.1 | 0.00 |
| 6730. | 0.7 | 100. | 27. | 0.1 | 0.00 |
| 6731. | 4.4 | 100. | 33. | 0.1 | 0.00 |
| 6732. | 6.5 | 100. | 27. | 0.1 | 0.00 |
| 6733. | 5.1 | 100. | 20. | 0.1 | 0.00 |
| 6734. | 5.2 | 100. | 16. | 0.1 | 0.00 |
| 6735. | 2.4 | 100. | 7. | 0.1 | 0.00 |

DIGITAL LOG

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6736. | 0.1 | 100. | 3. | 0.1 | 0.00 |
| 6737. | 0.1 | 100. | 8. | 0.1 | 0.00 |
| 6738. | 0.6 | 100. | 18. | 0.1 | 0.00 |
| 6739. | 2.2 | 100. | 25. | 0.1 | 0.00 |
| 6740. | 1.9 | 100. | 32. | 0.1 | 0.00 |
| 6741. | 1.2 | 100. | 40. | 0.1 | 0.00 |
| 6743. | 5.1 | 100. | 42. | 0.1 | 0.00 |
| 6744. | 4.9 | 100. | 35. | 0.1 | 0.00 |
| 6745. | 1.1 | 100. | 41. | 0.1 | 0.00 |
| 6746. | 0.1 | 100. | 36. | 0.1 | 0.00 |
| 6747. | 0.1 | 100. | 20. | 0.1 | 0.00 |
| 6748. | 0.2 | 100. | 12. | 0.1 | 0.00 |
| 6749. | 0.1 | 100. | 20. | 0.1 | 0.00 |
| 6750. | 2.0 | 100. | 24. | 0.1 | 0.00 |
| 6751. | 2.0 | 100. | 31. | 0.1 | 0.00 |
| 6752. | 1.9 | 100. | 31. | 0.1 | 0.00 |
| 6753. | 0.7 | 100. | 17. | 0.1 | 0.00 |
| 6754. | 0.1 | 100. | 17. | 0.1 | 0.00 |
| 6755. | 0.1 | 100. | 17. | 0.1 | 0.00 |
| 6756. | 0.5 | 100. | 15. | 0.1 | 0.00 |
| 6757. | 0.5 | 100. | 12. | 0.1 | 0.00 |
| 6758. | 1.1 | 100. | 16. | 0.1 | 0.00 |
| 6759. | 0.1 | 100. | 26. | 0.1 | 0.00 |
| 6760. | 0.2 | 100. | 18. | 0.1 | 0.00 |
| 6761. | 1.3 | 100. | 11. | 0.1 | 0.00 |
| 6762. | 2.5 | 100. | 3. | 0.1 | 0.00 |
| 6763. | 2.6 | 100. | 0. | 0.1 | 0.00 |
| 6764. | 2.8 | 100. | 0. | 0.1 | 0.00 |
| 6765. | 1.9 | 100. | 0. | 0.1 | 0.00 |
| 6766. | 1.1 | 100. | 3. | 0.1 | 0.00 |
| 6767. | 0.7 | 100. | 3. | 0.1 | 0.00 |
| 6768. | 0.1 | 100. | 7. | 0.1 | 0.00 |
| 6769. | 0.1 | 100. | 12. | 0.1 | 0.00 |
| 6770. | 0.1 | 100. | 7. | 0.1 | 0.00 |
| 6771. | 0.1 | 100. | 11. | 0.1 | 0.00 |
| 6772. | 4.7 | 100. | 37. | 0.1 | 0.00 |
| 6773. | 3.0 | 100. | 44. | 0.1 | 0.00 |
| 6774. | 3.6 | 100. | 17. | 0.1 | 0.00 |
| 6775. | 0.9 | 100. | 14. | 0.1 | 0.00 |
| 6776. | 1.1 | 100. | 12. | 0.1 | 0.00 |
| 6777. | 1.8 | 100. | 13. | 0.1 | 0.00 |
| 6778. | 3.0 | 100. | 15. | 0.1 | 0.00 |
| 6779. | 2.8 | 100. | 15. | 0.1 | 0.00 |
| 6780. | 2.3 | 100. | 17. | 0.1 | 0.00 |
| 6781. | 5.2 | 100. | 19. | 0.1 | 0.00 |
| 6782. | 4.0 | 100. | 34. | 0.1 | 0.00 |
| 6783. | 1.8 | 100. | 39. | 0.1 | 0.00 |
| 6784. | 6.1 | 100. | 11. | 0.1 | 0.00 |
| 6785. | 4.8 | 100. | 19. | 0.1 | 0.00 |

DEGOLYER and MacNAUGHTON

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6786. | 4.8 | 100. | 24. | 0.1 | 0.00 |
| 6787. | 5.0 | 100. | 22. | 0.1 | 0.00 |
| 6788. | 5.5 | 100. | 21. | 0.1 | 0.00 |
| 6789. | 4.7 | 100. | 23. | 0.1 | 0.00 |
| 6790. | 5.2 | 100. | 20. | 0.1 | 0.00 |
| 6791. | 5.6 | 100. | 13. | 0.1 | 0.00 |
| 6792. | 6.4 | 100. | 18. | 0.1 | 0.00 |
| 6793. | 6.1 | 100. | 22. | 0.1 | 0.00 |
| 6794. | 5.9 | 100. | 22. | 0.1 | 0.00 |
| 6795. | 5.2 | 100. | 37. | 0.1 | 0.00 |
| 6796. | 5.2 | 100. | 21. | 0.1 | 0.00 |
| 6797. | 3.3 | 100. | 24. | 0.1 | 0.00 |
| 6798. | 2.4 | 100. | 32. | 0.1 | 0.00 |
| 6799. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 6808. | 0.1 | 100. | 49. | 0.1 | 0.00 |
| 6809. | 2.5 | 100. | 22. | 0.1 | 0.00 |
| 6810. | 2.5 | 100. | 26. | 0.1 | 0.00 |
| 6811. | 0.8 | 100. | 33. | 0.1 | 0.00 |
| 6812. | 0.6 | 100. | 29. | 0.1 | 0.00 |
| 6813. | 4.3 | 100. | 14. | 0.1 | 0.00 |
| 6814. | 10.1 | 100. | 23. | 1.0 | 0.00 |
| 6815. | 7.9 | 100. | 39. | 0.3 | 0.00 |
| 6817. | 3.7 | 85. | 28. | 0.1 | 0.01 |
| 6818. | 3.9 | 100. | 18. | 0.1 | 0.01 |
| 6819. | 5.1 | 100. | 12. | 0.1 | 0.01 |
| 6820. | 5.5 | 48. | 15. | 0.1 | 0.03 |
| 6821. | 2.0 | 100. | 15. | 0.1 | 0.04 |
| 6822. | 1.0 | 100. | 4. | 0.1 | 0.04 |
| 6823. | 1.5 | 100. | 1. | 0.1 | 0.04 |
| 6824. | 1.3 | 100. | 1. | 0.1 | 0.04 |
| 6825. | 6.6 | 100. | 0. | 0.1 | 0.04 |
| 6826. | 3.0 | 100. | 27. | 0.1 | 0.04 |
| 6827. | 2.0 | 100. | 16. | 0.1 | 0.04 |
| 6828. | 0.7 | 100. | 12. | 0.1 | 0.04 |
| 6829. | 4.5 | 100. | 22. | 0.1 | 0.04 |
| 6830. | 0.7 | 100. | 48. | 0.1 | 0.04 |
| 6831. | 3.0 | 100. | 39. | 0.1 | 0.00 |
| 6832. | 4.1 | 100. | 21. | 0.1 | 0.00 |
| 6833. | 4.2 | 100. | 31. | 0.1 | 0.00 |
| 6836. | 4.0 | 61. | 36. | 0.1 | 0.01 |
| 6837. | 3.3 | 100. | 24. | 0.1 | 0.01 |
| 6838. | 3.7 | 100. | 28. | 0.1 | 0.01 |
| 6839. | 0.3 | 100. | 36. | 0.1 | 0.01 |
| 6840. | 0.1 | 100. | 43. | 0.1 | 0.01 |
| 6841. | 2.2 | 100. | 47. | 0.1 | 0.01 |
| 6842. | 6.0 | 100. | 40. | 0.1 | 0.01 |
| 6843. | 6.6 | 100. | 35. | 0.2 | 0.01 |

DECLASSIFIED

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6844. | 2.3 | 100. | 34. | 0.1 | 0.01 |
| 6845. | 0.1 | 100. | 35. | 0.1 | 0.01 |
| 6846. | 0.1 | 100. | 41. | 0.1 | 0.01 |
| 6847. | 7.7 | 100. | 30. | 0.3 | 0.01 |
| 6848. | 4.8 | 100. | 40. | 0.1 | 0.01 |
| 6849. | 1.4 | 100. | 45. | 0.1 | 0.01 |
| 6850. | 4.9 | 100. | 27. | 0.1 | 0.01 |
| 6851. | 5.4 | 100. | 33. | 0.1 | 0.01 |
| 6852. | 4.7 | 100. | 47. | 0.1 | 0.01 |
| 6853. | 5.2 | 81. | 46. | 0.1 | 0.01 |
| 6854. | 6.5 | 8. | 42. | 0.1 | 0.06 |
| 6855. | 8.3 | 26. | 28. | 0.4 | 0.12 |
| 6856. | 1.8 | 100. | 18. | 0.1 | 0.15 |
| 6857. | 3.1 | 100. | 0. | 0.1 | 0.15 |
| 6858. | 0.7 | 100. | 9. | 0.1 | 0.15 |
| 6868. | 7.9 | 63. | 26. | 0.3 | 0.03 |
| 6869. | 0.1 | 100. | 32. | 0.1 | 0.03 |
| 6870. | 0.1 | 100. | 19. | 0.1 | 0.03 |
| 6871. | 0.3 | 100. | 40. | 0.1 | 0.03 |
| 6872. | 4.3 | 74. | 41. | 0.1 | 0.04 |
| 6873. | 3.6 | 64. | 37. | 0.1 | 0.05 |
| 6874. | 2.0 | 100. | 19. | 0.1 | 0.05 |
| 6875. | 0.1 | 100. | 14. | 0.1 | 0.05 |
| 6876. | 0.1 | 100. | 12. | 0.1 | 0.05 |
| 6877. | 0.1 | 100. | 15. | 0.1 | 0.05 |
| 6878. | 0.1 | 100. | 42. | 0.1 | 0.05 |
| 6884. | 3.4 | 93. | 36. | 0.1 | 0.01 |
| 6885. | 1.6 | 100. | 32. | 0.1 | 0.01 |
| 6886. | 0.1 | 100. | 47. | 0.1 | 0.01 |
| 6888. | 0.8 | 100. | 47. | 0.1 | 0.00 |
| 6890. | 4.0 | 60. | 46. | 0.1 | 0.01 |
| 6891. | 1.8 | 100. | 15. | 0.1 | 0.01 |
| 6892. | 0.1 | 100. | 22. | 0.1 | 0.01 |
| 6893. | 1.0 | 100. | 39. | 0.1 | 0.01 |
| 6894. | 7.0 | 29. | 27. | 0.2 | 0.06 |
| 6895. | 3.8 | 67. | 14. | 0.1 | 0.09 |
| 6896. | 1.9 | 100. | 10. | 0.1 | 0.09 |
| 6897. | 1.5 | 100. | 7. | 0.1 | 0.09 |
| 6898. | 2.1 | 100. | 11. | 0.1 | 0.09 |
| 6899. | 1.7 | 100. | 13. | 0.1 | 0.09 |
| 6900. | 2.7 | 93. | 9. | 0.1 | 0.10 |
| 6901. | 2.6 | 83. | 9. | 0.1 | 0.10 |
| 6902. | 3.4 | 67. | 3. | 0.1 | 0.11 |
| 6903. | 3.2 | 71. | 5. | 0.1 | 0.12 |
| 6904. | 2.1 | 99. | 9. | 0.1 | 0.12 |
| 6905. | 2.0 | 100. | 7. | 0.1 | 0.12 |

DECLASSIFIED

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6906. | 1.7 | 100. | 7. | 0.1 | 0.12 |
| 6907. | 2.7 | 100. | 11. | 0.1 | 0.12 |
| 6908. | 3.2 | 69. | 15. | 0.1 | 0.13 |
| 6909. | 1.6 | 100. | 21. | 0.1 | 0.13 |
| 6910. | 2.0 | 100. | 18. | 0.1 | 0.13 |
| 6911. | 3.6 | 74. | 0. | 0.1 | 0.14 |
| 6912. | 4.3 | 100. | 1. | 0.1 | 0.14 |
| 6913. | 4.6 | 100. | 3. | 0.1 | 0.14 |
| 6914. | 5.1 | 65. | 3. | 0.1 | 0.16 |
| 6915. | 4.9 | 56. | 7. | 0.1 | 0.18 |
| 6916. | 3.0 | 72. | 11. | 0.1 | 0.19 |
| 6917. | 1.8 | 100. | 14. | 0.1 | 0.19 |
| 6918. | 0.4 | 100. | 16. | 0.1 | 0.19 |
| 6919. | 1.4 | 100. | 8. | 0.1 | 0.19 |
| 6920. | 2.8 | 77. | 6. | 0.1 | 0.20 |
| 6921. | 3.0 | 74. | 7. | 0.1 | 0.21 |
| 6922. | 2.5 | 85. | 10. | 0.1 | 0.21 |
| 6923. | 0.9 | 100. | 12. | 0.1 | 0.21 |
| 6924. | 0.1 | 100. | 20. | 0.1 | 0.21 |
| 6925. | 0.1 | 100. | 28. | 0.1 | 0.21 |
| 6926. | 0.1 | 100. | 36. | 0.1 | 0.21 |
| 6927. | 1.3 | 100. | 25. | 0.1 | 0.21 |
| 6928. | 0.1 | 100. | 32. | 0.1 | 0.21 |
| 6929. | 0.1 | 100. | 34. | 0.1 | 0.21 |
| 6930. | 0.1 | 100. | 38. | 0.1 | 0.21 |
| 6931. | 1.9 | 100. | 41. | 0.1 | 0.21 |
| 6932. | 2.7 | 100. | 45. | 0.1 | 0.21 |
| 6937. | 5.0 | 10. | 41. | 0.1 | 0.03 |
| 6938. | 0.1 | 100. | 45. | 0.1 | 0.03 |
| 6939. | 2.1 | 100. | 24. | 0.1 | 0.03 |
| 6940. | 0.1 | 100. | 23. | 0.1 | 0.03 |
| 6941. | 0.1 | 100. | 35. | 0.1 | 0.03 |
| 6942. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 6945. | 5.4 | 100. | 24. | 0.1 | 0.03 |
| 6951. | 5.0 | 56. | 37. | 0.1 | 0.01 |
| 6952. | 3.5 | 100. | 15. | 0.1 | 0.03 |
| 6953. | 1.3 | 100. | 12. | 0.1 | 0.03 |
| 6954. | 0.1 | 100. | 27. | 0.1 | 0.03 |
| 6955. | 0.9 | 100. | 17. | 0.1 | 0.03 |
| 6956. | 0.5 | 100. | 18. | 0.1 | 0.03 |
| 6957. | 0.1 | 100. | 26. | 0.1 | 0.03 |
| 6958. | 5.1 | 100. | 21. | 0.1 | 0.03 |
| 6959. | 3.7 | 100. | 27. | 0.1 | 0.03 |
| 6960. | 0.5 | 100. | 38. | 0.1 | 0.03 |
| 6961. | 0.1 | 100. | 40. | 0.1 | 0.03 |
| 6962. | 1.4 | 100. | 17. | 0.1 | 0.03 |
| 6963. | 0.1 | 100. | 35. | 0.1 | 0.03 |

Dresser Atlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 6967. | 1.5 | 100. | 47. | 0.1 | 0.00 |
| 6968. | 4.9 | 100. | 28. | 0.1 | 0.00 |
| 6969. | 3.9 | 100. | 30. | 0.1 | 0.00 |
| 6970. | 2.9 | 100. | 33. | 0.1 | 0.00 |
| 6971. | 1.8 | 100. | 31. | 0.1 | 0.00 |
| 6972. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 6973. | 2.5 | 100. | 39. | 0.1 | 0.00 |
| 6974. | 2.7 | 100. | 32. | 0.1 | 0.00 |
| 6975. | 0.7 | 100. | 33. | 0.1 | 0.00 |
| 6976. | 1.7 | 100. | 24. | 0.1 | 0.00 |
| 6977. | 1.4 | 100. | 24. | 0.1 | 0.00 |
| 6978. | 0.1 | 100. | 29. | 0.1 | 0.00 |
| 6979. | 0.1 | 100. | 44. | 0.1 | 0.00 |
| 6982. | 1.7 | 100. | 43. | 0.1 | 0.01 |
| 6983. | 2.4 | 100. | 25. | 0.1 | 0.01 |
| 6984. | 1.3 | 100. | 25. | 0.1 | 0.01 |
| 6985. | 1.0 | 100. | 25. | 0.1 | 0.01 |
| 6986. | 0.3 | 100. | 41. | 0.1 | 0.01 |
| 6987. | 1.7 | 100. | 36. | 0.1 | 0.01 |
| 6988. | 0.1 | 100. | 38. | 0.1 | 0.01 |
| 6989. | 0.4 | 100. | 26. | 0.1 | 0.01 |
| 6990. | 0.1 | 100. | 20. | 0.1 | 0.01 |
| 6991. | 0.1 | 100. | 48. | 0.1 | 0.01 |
| 6993. | 0.4 | 100. | 43. | 0.1 | 0.00 |
| 6995. | 0.1 | 100. | 48. | 0.1 | 0.00 |
| 6999. | 0.7 | 100. | 48. | 0.1 | 0.00 |
| 7001. | 1.4 | 100. | 38. | 0.1 | 0.00 |
| 7002. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 7008. | 0.3 | 100. | 43. | 0.1 | 0.00 |
| 7009. | 2.9 | 100. | 31. | 0.1 | 0.00 |
| 7010. | 0.1 | 100. | 32. | 0.1 | 0.00 |
| 7011. | 0.1 | 100. | 25. | 0.1 | 0.00 |
| 7012. | 0.1 | 100. | 24. | 0.1 | 0.00 |
| 7013. | 0.1 | 100. | 45. | 0.1 | 0.00 |
| 7019. | 0.7 | 100. | 45. | 0.1 | 0.00 |
| 7020. | 1.8 | 100. | 40. | 0.1 | 0.00 |
| 7021. | 0.1 | 100. | 17. | 0.1 | 0.00 |
| 7022. | 0.7 | 100. | 24. | 0.1 | 0.00 |
| 7024. | 13.3 | 100. | 24. | 3.3 | 0.00 |
| 7028. | 7.3 | 94. | 29. | 0.2 | 0.01 |

DEPOSITAPE

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7029. | 3.6 | 100. | 22. | 0.1 | 0.01 |
| 7030. | 0.1 | 100. | 25. | 0.1 | 0.01 |
| 7031. | 0.1 | 100. | 27. | 0.1 | 0.01 |
| 7032. | 0.7 | 100. | 41. | 0.1 | 0.01 |
| 7033. | 3.3 | 100. | 28. | 0.1 | 0.02 |
| 7034. | 0.5 | 100. | 20. | 0.1 | 0.02 |
| 7035. | 0.1 | 100. | 21. | 0.1 | 0.02 |
| 7036. | 0.1 | 100. | 22. | 0.1 | 0.02 |
| 7037. | 0.5 | 100. | 24. | 0.1 | 0.02 |
| 7038. | 0.8 | 100. | 15. | 0.1 | 0.02 |
| 7039. | 0.7 | 100. | 8. | 0.1 | 0.02 |
| 7040. | 0.1 | 100. | 12. | 0.1 | 0.02 |
| 7041. | 0.1 | 100. | 24. | 0.1 | 0.02 |
| 7045. | 5.5 | 100. | 43. | 0.1 | 0.00 |
| 7046. | 3.2 | 100. | 42. | 0.1 | 0.00 |
| 7047. | 4.2 | 100. | 35. | 0.1 | 0.00 |
| 7048. | 2.3 | 91. | 34. | 0.1 | 0.00 |
| 7049. | 0.7 | 100. | 31. | 0.1 | 0.00 |
| 7050. | 1.7 | 100. | 23. | 0.1 | 0.00 |
| 7051. | 1.2 | 100. | 27. | 0.1 | 0.00 |
| 7052. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 7053. | 5.3 | 100. | 21. | 0.1 | 0.00 |
| 7054. | 2.7 | 100. | 15. | 0.1 | 0.00 |
| 7055. | 0.7 | 100. | 14. | 0.1 | 0.00 |
| 7056. | 0.1 | 100. | 42. | 0.1 | 0.00 |
| 7058. | 6.0 | 100. | 37. | 0.1 | 0.00 |
| 7059. | 3.7 | 100. | 29. | 0.1 | 0.00 |
| 7060. | 4.3 | 100. | 23. | 0.1 | 0.00 |
| 7061. | 0.5 | 100. | 21. | 0.1 | 0.00 |
| 7062. | 0.1 | 100. | 23. | 0.1 | 0.00 |
| 7063. | 0.5 | 100. | 16. | 0.1 | 0.00 |
| 7064. | 0.1 | 100. | 14. | 0.1 | 0.00 |
| 7065. | 0.1 | 100. | 12. | 0.1 | 0.00 |
| 7069. | 8.5 | 85. | 26. | 0.5 | 0.01 |
| 7070. | 7.1 | 99. | 13. | 0.2 | 0.01 |
| 7071. | 4.1 | 100. | 6. | 0.1 | 0.01 |
| 7072. | 3.5 | 93. | 0. | 0.1 | 0.01 |
| 7073. | 4.0 | 60. | 0. | 0.1 | 0.03 |
| 7074. | 4.9 | 56. | 2. | 0.1 | 0.05 |
| 7075. | 5.3 | 49. | 3. | 0.1 | 0.08 |
| 7076. | 6.0 | 100. | 2. | 0.1 | 0.09 |
| 7077. | 5.8 | 100. | 4. | 0.1 | 0.09 |
| 7078. | 6.2 | 100. | 1. | 0.1 | 0.09 |
| 7079. | 6.5 | 77. | 0. | 0.1 | 0.10 |
| 7080. | 6.5 | 87. | 1. | 0.1 | 0.11 |
| 7081. | 6.6 | 88. | 1. | 0.2 | 0.12 |
| 7082. | 6.4 | 74. | 0. | 0.1 | 0.13 |

Desert Lab

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7083. | 6.3 | 75. | 0. | 0.1 | 0.15 |
| 7084. | 6.1 | 80. | 0. | 0.1 | 0.16 |
| 7085. | 5.6 | 71. | 1. | 0.1 | 0.18 |
| 7086. | 4.1 | 59. | 5. | 0.1 | 0.20 |
| 7087. | 3.8 | 88. | 7. | 0.1 | 0.20 |
| 7088. | 1.8 | 100. | 15. | 0.1 | 0.20 |
| 7098. | 5.0 | 100. | 43. | 0.1 | 0.00 |
| 7099. | 4.9 | 93. | 39. | 0.1 | 0.00 |
| 7100. | 1.8 | 100. | 32. | 0.1 | 0.00 |
| 7101. | 0.1 | 100. | 41. | 0.1 | 0.00 |
| 7106. | 4.4 | 100. | 45. | 0.1 | 0.00 |
| 7107. | 3.9 | 60. | 41. | 0.1 | 0.02 |
| 7108. | 3.8 | 62. | 37. | 0.1 | 0.03 |
| 7109. | 1.0 | 100. | 44. | 0.1 | 0.04 |
| 7110. | 1.6 | 100. | 3. | 0.1 | 0.04 |
| 7111. | 0.1 | 100. | 0. | 0.1 | 0.04 |
| 7112. | 0.1 | 100. | 4. | 0.1 | 0.04 |
| 7113. | 0.1 | 100. | 42. | 0.1 | 0.04 |
| 7116. | 4.7 | 100. | 42. | 0.1 | 0.00 |
| 7117. | 6.3 | 100. | 30. | 0.1 | 0.00 |
| 7118. | 5.4 | 100. | 32. | 0.1 | 0.00 |
| 7119. | 0.9 | 100. | 45. | 0.1 | 0.00 |
| 7125. | 6.2 | 47. | 28. | 0.1 | 0.04 |
| 7126. | 4.1 | 76. | 22. | 0.1 | 0.05 |
| 7127. | 4.4 | 100. | 18. | 0.1 | 0.05 |
| 7128. | 6.0 | 100. | 22. | 0.1 | 0.05 |
| 7129. | 6.0 | 100. | 28. | 0.1 | 0.05 |
| 7130. | 1.3 | 100. | 35. | 0.1 | 0.05 |
| 7131. | 1.1 | 100. | 24. | 0.1 | 0.05 |
| 7132. | 2.1 | 100. | 13. | 0.1 | 0.05 |
| 7133. | 1.4 | 100. | 17. | 0.1 | 0.05 |
| 7134. | 4.0 | 100. | 15. | 0.1 | 0.05 |
| 7135. | 6.3 | 100. | 30. | 0.1 | 0.05 |
| 7136. | 1.9 | 100. | 49. | 0.1 | 0.00 |
| 7137. | 4.9 | 100. | 43. | 0.1 | 0.00 |
| 7143. | 4.6 | 100. | 41. | 0.1 | 0.00 |
| 7144. | 5.6 | 100. | 35. | 0.1 | 0.00 |
| 7145. | 5.3 | 100. | 43. | 0.1 | 0.00 |
| 7150. | 3.7 | 100. | 44. | 0.1 | 0.00 |
| 7151. | 4.2 | 100. | 33. | 0.1 | 0.00 |
| 7152. | 4.3 | 100. | 32. | 0.1 | 0.00 |
| 7153. | 2.2 | 100. | 38. | 0.1 | 0.00 |
| 7154. | 2.8 | 100. | 29. | 0.1 | 0.00 |
| 7155. | 3.9 | 100. | 23. | 0.1 | 0.00 |

DresserAtlas

MAPCO, INC.----RIVER BEND UNIT 7-21F NEWCHS DCC#330
RIVER BEND-----21-10S-20E---UINTAH, UTAH

| DEPTH | POROSITY % | WATER SATURATION FROM NLL % | CLAY % | PERM. INDEX MD | HYDROCARBON FEET |
|---|---|---|---|---|---|
| 7156. | 3.7 | 100. | 48. | 0.1 | 0.00 |
| 7164. | 1.5 | 100. | 22. | 0.1 | 0.00 |
| 7165. | 3.3 | 100. | 5. | 0.1 | 0.00 |
| 7166. | 5.1 | 100. | 12. | 0.1 | 0.00 |
| 7167. | 5.1 | 100. | 45. | 0.1 | 0.00 |
| 7172. | 6.0 | 100. | 38. | 0.1 | 0.00 |
| 7173. | 6.1 | 100. | 43. | 0.1 | 0.00 |
| 7174. | 9.4 | 47. | 39. | 0.7 | 0.04 |
| 7176. | 6.1 | 100. | 37. | 0.1 | 0.00 |
| 7177. | 5.8 | 100. | 30. | 0.1 | 0.00 |
| 7178. | 3.6 | 99. | 27. | 0.1 | 0.00 |
| 7179. | 2.2 | 97. | 13. | 0.1 | 0.00 |
| 7180. | 0.2 | 100. | 15. | 0.1 | 0.00 |
| 7181. | 1.6 | 100. | 6. | 0.1 | 0.00 |
| 7182. | 2.9 | 85. | 5. | 0.1 | 0.00 |
| 7183. | 6.2 | 100. | 8. | 0.1 | 0.01 |
| 7184. | 0.4 | 100. | 48. | 0.1 | 0.01 |
| 7185. | 4.2 | 62. | 47. | 0.1 | 0.01 |
| 7187. | 5.7 | 100. | 36. | 0.1 | 0.00 |
| 7188. | 6.2 | 100. | 40. | 0.1 | 0.00 |
| 7189. | 7.8 | 100. | 43. | 0.3 | 0.00 |
| 7191. | 2.2 | 100. | 41. | 0.1 | 0.00 |
| 7192. | 3.0 | 100. | 27. | 0.1 | 0.00 |
| 7193. | 3.5 | 100. | 21. | 0.1 | 0.00 |
| 7194. | 4.7 | 100. | 23. | 0.1 | 0.00 |
| 7195. | 8.3 | 100. | 27. | 0.4 | 0.00 |
| 7196. | 7.9 | 100. | 40. | 0.3 | 0.00 |
| 7197. | 5.9 | 100. | 47. | 0.1 | 0.00 |
| 7198. | 8.4 | 100. | 29. | 0.4 | 0.00 |
| 7199. | 9.4 | 100. | 23. | 0.7 | 0.00 |
| 7200. | 7.7 | 100. | 35. | 0.3 | 0.00 |
| 7201. | 6.7 | 100. | 39. | 0.2 | 0.00 |
| 7202. | 4.9 | 65. | 42. | 0.1 | 0.01 |
| 7203. | 3.7 | 100. | 34. | 0.1 | 0.01 |
| 7204. | 9.7 | 100. | 22. | 0.8 | 0.01 |
| 7205. | 8.8 | 100. | 27. | 0.5 | 0.02 |
| 7206. | 6.1 | 82. | 30. | 0.1 | 0.03 |
| 7207. | 5.4 | 100. | 26. | 0.1 | 0.04 |
| 7208. | 5.2 | 100. | 22. | 0.1 | 0.04 |
| 7209. | 4.2 | 78. | 32. | 0.1 | 0.04 |
| 7211. | 0.1 | 100. | 43. | 0.1 | 0.00 |
| 7212. | 1.5 | 100. | 50. | 0.1 | 0.00 |
| 7215. | 6.7 | 40. | 41. | 0.2 | 0.02 |

DRESSER Atlas

**CNG PRODUCING COMPANY**
TULSA DIVISION

RECEIVED

FEB 27 1985

DIVISION OF OIL
GAS & MINING

February 25, 1985

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

Joe C. Lineback
Manager of Accounting

JCL/cf

Attachment

705 SOUTH ELGIN AVENUE POST OFFICE BOX 2115 TULSA, OKLAHOMA 74101-2115 (918) 599-3800
TELEX: 497-560 TELECOPY: 918-592-2282

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

## Status of All Wells Located Within the River Bend Unit

| | Well Name | Location | Status |
|---|---|---|---|
| 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 |

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

November 22, 1985

C..N.G. Producing
705 South Elgin
Tulsa, Oklahoma 74101-2115

Gentlemen:

During the process of verifying the information put in our automated system, we have come across some incomplete and differing information about the producing zones on three of the wells operated by your company.

Well No. RBU 11-16E, API #4304730260, Sec. 16, T. 10S., R. 19E., Uintah County, Utah is currently listed in our system as producing from the WSMVD. Our files have a completion report listing the well as producing from the WSTC only. We do have a sundry dated October 23, 1978 of intent to frac treat and perforate additional MVRD and WSTC zones indicated in the logging program; however, we did not receive a follow up on that sundry. Please indicate which zone(s) this well is now producing from and enclose sundries of workovers etc. to support this information.

Well No. RBU 7-21F, API #4304730376, Sec. 21, T. 10S., R. 20E., Uintah County, Utah is currently listed in our system as producing from the MVRD only. The Well Completion Report submitted to this office dated January 19, 1979 indicates a recompletion in the MVRD only; however, it does not state that the WSTC zone was sealed off. Please indicate which zone(s) this well is now producing from and enclose sundries to support this information.

Well No. RBU 11-15F, API #4304730375, Sec. 15, T. 10S., R. 20E., Uintah County, Utah is currently listed in our system as producing from the MVRD only. The Well Completion Report submitted to this office dated February 2, 1980 indicates a recompletion in the MVRD only; however, it does not state that the WSTC zone was sealed off. Please indicate which zone(s) this well is now producing from and enclose sundries to support this information.

Please send your reply with explanatory cover letter to Attention: Suspense File - Claudia Jones.

Sincerely,

Claudia Jones

Claudia L. Jones
Production Specialist

Enclosures
cc: Dianne R. Nielson
Ronald J. Firth
Norman C. Stout
Suspense File
0063S/13-14

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

December 23, 1985

CERTIFIED MAIL
RETURN RECEIPT REQUESTED P 707 260 233

C.N.G. Producing
705 South Elgin
Tulsa, Oklahoma 74101-2115

**2nd NOTICE**

Gentlemen:

During the process of verifying the information put in our automated system, we have come across some incomplete and differing information about the producing zones on three of the wells operated by your company.

Well No. RBU 11-16E, API #4304730260, Sec. 16, T. 10S., R. 19E., Uintah County, Utah is currently listed in our system as producing from the Wasatch-Mesa Verde. Our files have a completion report listing the well as producing from the Wasatch only. We do have a sundry dated October 23, 1978 of intent to frac treat and perforate additional Mesa Verde and Wasatch zones indicated in the logging program; however, we did not receive a follow up on that sundry. Please indicate which zone(s) this well is now producing from and enclose sundries of workovers etc. to support this information.

Well No. RBU 7-21F, API #4304730376, Sec. 21, T. 10S., R. 20E., Uintah County, Utah is currently listed in our system as producing from the Mesa Verde only. The Well Completion Report submitted to this office dated January 19, 1979 indicates a recompletion in the Mesa Verde only; however, it does not state that the Wasatch zone was sealed off. Please indicate which zone(s) this well is now producing from and enclose sundries to support this information.

Well No. RBU 11-15F, API #4304730375, Sec. 15, T. 10S., R. 20E., Uintah County, Utah is currently listed in our system as producing from the Mesa Verde only. The Well Completion Report submitted to this office dated February 2, 1980 indicates a recompletion in the Mesa Verde only; however, it does not state that the Wasatch zone was sealed off. Please indicate which zone(s) this well is now producing from and enclose sundries to support this information.

Please send your reply with explanatory cover letter within 15 days to **Attention: Suspense File - Norman C. Stout.**

Respectfully,

Norman C. Stout
Administrative Assistant

clj
Enclosures
cc: Dianne R. Nielson
Ronald J. Firth
Suspense File
File
0063S/9

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

# SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.: u-013793-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [ ] GAS WELL [X] OTHER

7. UNIT AGREEMENT NAME: River Bend

2. NAME OF OPERATOR: CNG Producing Company

8. FARM OR LEASE NAME: RBU

3. ADDRESS OF OPERATOR: 705 S. Elgin Ave.,P.O. Box 2115, Tulsa, OK 74101-2115

9. WELL NO.: 7-21F

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1716' FNL & 2038' FEL

10. FIELD AND POOL, OR WILDCAT: Natural Buttes

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 21-T10S-R20E

14. PERMIT NO.: 43-047-30376

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5097' GR 5111' KB

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

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

| NOTICE OF INTENTION TO: | | | | SUBSEQUENT REPORT OF: | | | |
|---|---|---|---|---|---|---|---|
| TEST WATER SHUT-OFF | [ ] | PULL OR ALTER CASING | [ ] | WATER SHUT-OFF | [ ] | REPAIRING WELL | [ ] |
| FRACTURE TREAT | [ ] | MULTIPLE COMPLETE | [ ] | FRACTURE TREATMENT | [ ] | ALTERING CASING | [ ] |
| SHOOT OR ACIDIZE | [ ] | ABANDON* | [ ] | SHOOTING OR ACIDIZING | [ ] | ABANDONMENT* | [ ] |
| REPAIR WELL | [ ] | CHANGE PLANS | [ ] | (Other) Producing Interrals | | | [X] |
| (Other) | | | [ ] | (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.)*

7-16-79 Release RTTS packer at 7745'. POOH with tubing and packer.

7-20-79 RIH with 2 3/8" tubing to 5140'. Put well on production. Well producing from Wasatch and Mesaverde formations.

Note: See attach perforation and stimulation report.

RECEIVED
JAN 23 1986
DIVISION OF OIL GAS & MINING

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

SIGNED Gregg C. Beckstead TITLE Sr. Engineering Tech. DATE 1-17-86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NORM -

I CANNOT SEE WHERE THIS WELL HAS EVER COMMINGLED.

HOWEVER - IT LOOKS LIKE THE PAST PRODUCTION HAS BEEN REPORTED AS COMMINGLED.

HOW SHALL WE HANDLE THIS COMPUTER-WISE?

U

6-11-87

COMPUTER SAYS
MVRD TA
WSMVD PGW

SHD BE?
MVRD TA
WSTC PGW

---

VICKY, AS I READ THE WELL FILE, THERE WAS NEVER PROD FROM WASATCH ONLY. ALL PROD APPEARS TO BE COMINGLED WASATCH - MESAVERDE.

6-30-87

Form 9

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

6. Lease Designation and Serial Number
U-13793-A

7. Indian Allottee or Tribe Name

## 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

8. Unit or Communization Agreement
River Bend Unit

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

9. Well Name and Number
RBU 7-21F

2. Name of Operator
CNG Producing Company

10. API Well Number
43-047-~~30374~~ 30376

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

4. Telephone Number
(504) 593-7260

11. Field and Pool, or Wildcat
Natural Buttes

5. Location of Well

Footage : 1,716' FNL & 2,038' FEL
QQ, SEC., T., R., M.: SW NE of Sec. 21-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)

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

Approximate Date Work Will Start

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of Work Completion

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

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR 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

RECEIVED
FEB 06 1992
DIVISION OF
OIL GAS & MINING

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

Name & Signature Scot Childress
W. Scot Childress
Title Supervisor, Prod. Engineering
Date January 31, 1992

(State Use Only)

(8/90)

See Instructions on Reverse Side

CNG PRODUCING COMPANY

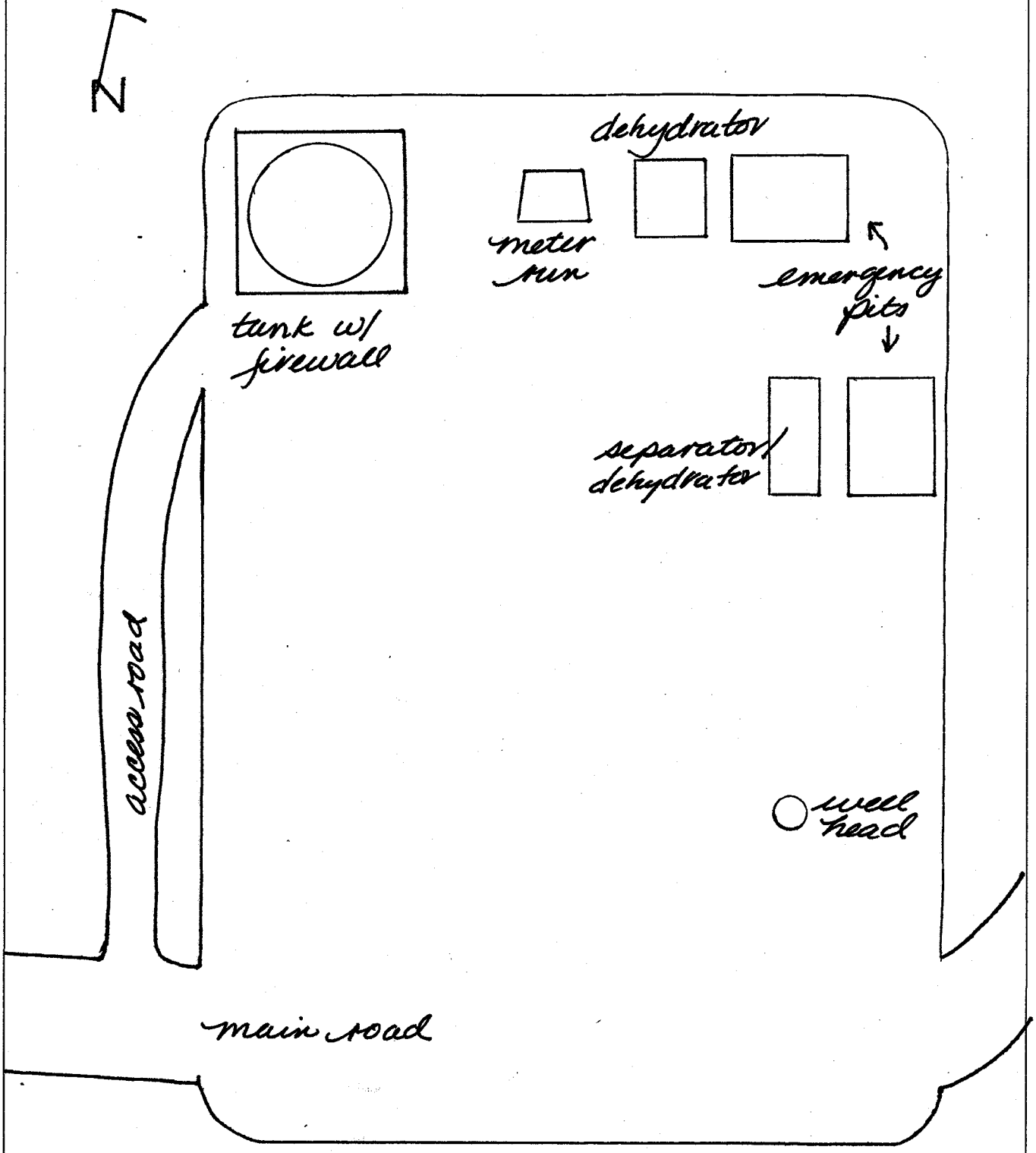
PERFORATION AND STIMULATION REPORT
RBU 7-21F

| Perforation Record | | | Acid, Shot, Fracture, Cement Squeeze,Etc |
|---|---|---|---|
| Zone and Depth | Size | No. | Amount and Kind of Material Use |
| Wasatch (Chapita Wells) | | | |
| 5318'-5322' | 0.45 | 3 | Break down perforations with 2000 gal. 15% HCL. Frac with 500 gal. 15% NE acid, 15,000 gal. Versagel pad, 92,000 gal. Versagel and 158,000 lbs. 20/40 sand. |
| 5440'-5444' | 0.45 | 2 | |
| 5446'-5450' | 0.45 | 2 | |
| 5458'-5460' | 0.45 | 2 | |
| 5869'-5881' | 0.45 | 4 | |
| 5884',5998', 6021',6037',6053' | 0.45 | 5 | |
| Wasatch (Uttel and Buttes) | | | |
| 6759'-6761' | 0.45 | 3 | Break down perforations with 2,000 gal. 15% HCL. Frac with 25,000 gal. gelled water pad, 54,000 gal. gelled water and 130,000 lbs. 20/40 sand. |
| 6894'-6898' | 0.45 | 3 | |
| 6908'-6916' | 0.45 | 2 | |
| 7070'-7072' | 0.45 | 2 | |
| 7078'-7080' | 0.45 | 2 | |
| 7282'-7284' | 0.45 | 2 | |
| Mesaverde | | | |
| 7955',7958',7962' 7969',7972',7975' 8110',8113',8116' 8118',8121',8162' 8164',8166',8176' 8181',8183',8192' 8196',8199' | 0.45 | 20 | Break down perforations with 2,000 gal. MSR acid. Frac with 30,000 gal. gelled water pad, 67,000 gal. gelled water and and 150,000 lbs. 20/40 sand. |

# EXPRESS MAIL ROUTING SLIP

| | | |
|---|---|---|
| PAM | 1-27 | 9:00 |
| TAMI | 1-27 | 9:15 |
| VICKY | | 11:15 |
| CLAUDIA | | 11:36 G |
| STEPHANE | 1-27 | 11:50 G |
| CHARLES | CP 1-27 | 11:55 |
| RULA | RM 1-27 | 1:06 |
| MARY ALICE | MAP 1-27 | 1:23 |
| CONNIE | CO 1-27 | 1:26 |
| MILLIE | MS 1-27 | 2:00 |

| RBU #7-21F | Sec 21 10So 20E | Carol Kubly 24 May 88 |
|---|---|---|




NATIONAL 42-381 50 SHEETS 5 SQUARE 42-382 100 SHEETS 5 SQUARE 42-389 200 SHEETS 5 SQUARE MADE IN U.S.A.

Form 3160-5
(NOVEMBER 1994)

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**

5. Lease Serial No.
U-013793-A

6. If Indian, Allottee or Tribe Name

1. Type of Well
[ ] Oil Well [X] Gas Well [ ] 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.
7-21F

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-~~30374~~ 30376

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Surface - 1,716' FNL & 2,038' FEL of Sec. 21-T10S-R20E

10. Field and Pool, or Exploratory Area
ISLAND

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

CNG Producing Company proposes to store brine water from the above referenced well in a 300 bbl tank on the well site. As the tank fills, water will be hauled and disposed of into the RBU 16-19F injection well in Sec. 19-T10S-R20E.

Attached is a revised site diagram for this well site.

RECEIVED
AUG 01 1997
DIV. OF OIL, GAS & MINING

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

| Name (Printed/Typed) | Title |
|---|---|
| SUSAN H. SACHITANA | COORDINATOR, REGULATORY REPORTS |
| Signature: Susan H. Sachitana | Date: 970725 |

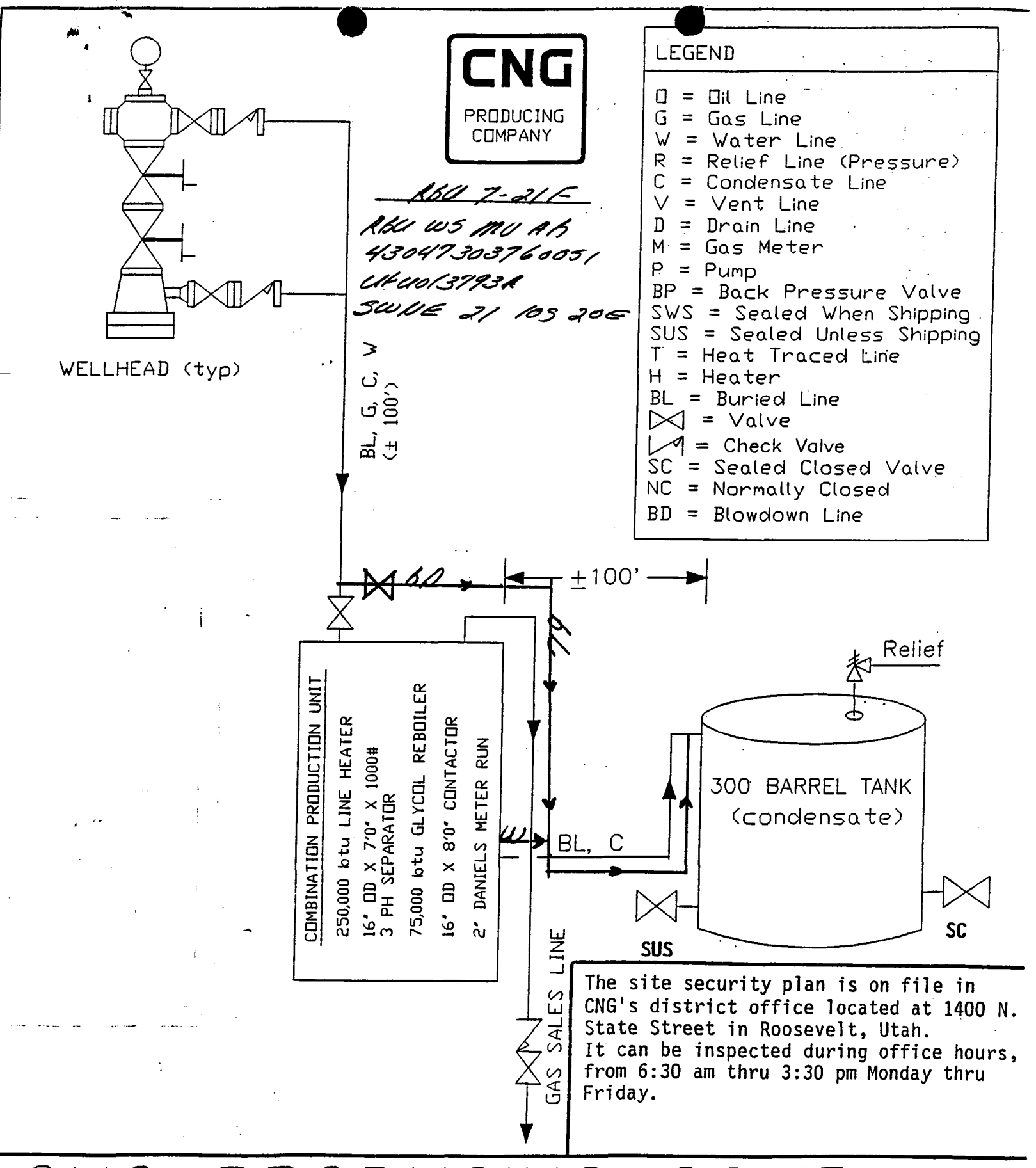
**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

| 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.




The site security plan is on file in CNG's district office located at 1400 N. State Street in Roosevelt, Utah. It can be inspected during office hours, from 6:30 am thru 3:30 pm Monday thru Friday.

# CNG PRODUCING COMPANY

| | | |
|---|---|---|
| Well: | RIVER BEND FIELD, UINTA COUNTY | not to scale |
| DR\RBU\FLOW300 | TYPICAL FLOW DIAGRAM | date: / / |

Form 3160-5
(NOVEMBER 1994)

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**

5. Lease Serial No.
U-013793-A

6. If Indian, Allottee or Tribe Name

1. Type of Well
[ ] Oil Well [X] Gas Well [ ] 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.
7-21F

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-~~30374~~ 30376

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Surface - 1,716' FNL & 2,038' FEL of Sec. 21-T10S-R20E

10. Field and Pool, or Exploratory Area
ISLAND

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

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

Installed plunger lift equipment on above well. Well on plunger as of 12/30/97.

RECEIVED
JAN 26 1998
DIV. OF OIL, GAS & MINING

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

| Name (Printed/Typed) | Title |
|---|---|
| SUSAN H. SACHITANA | COORDINATOR, REGULATORY REPORTS |
| Signature: Susan H. Sachitana | Date: 980120 |

**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.

# 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.<br>1450 Poydras Street<br>New Orleans, LA 70112-6000 | :<br>:<br>: | Oil and Gas Leases |

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

RECEI

JUN 05 2

DIVISION OF
OIL, GAS AN

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

**Dominion**℠

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

Susan H. Sachitana
Regulatory Reports Administrator

Enclosure

cc: Nelda Decker

**RECEIVED**

JUN 29 2000

DIVISION OF
OIL, GAS AND MINING

FORM 9

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.

5. Lease Designation and Serial Number: VARIOUS
6. If Indian, Allottee or Tribe Name:
7. Unit Agreement Name:
8. Well Name and Number: VARIOUS
9. API Well Number
10. Field and Pool, or Wildcat: Natural Buttes 630

1. Type of Well : OIL ☐ GAS ☐ OTHER:
2. Name of Operator: DOMINION EXPLORATION & PRODUCTION, INC.
3. Address and Telephone Number: 1460 Poydras Street, New Orleans, LA 70112-6000 (504) 593-7260
4. Location of Well
   Footages:
   QQ, Sec, T., R., M.:
   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) | |
|---|---|---|---|
| ☐ Abandon | ☐ New Construction | ☐ Abandon* | ☐ New Construction |
| ☐ Repair Casing | ☐ Pull or Alter Casing | ☐ Repair Casing | ☐ Pull or Alter Casing |
| ☐ Change of Plans | ☐ Recomplete | ☐ Change of Plans | ☐ Reperforate |
| ☐ Convert to Injection | ☐ Reperforate | ☐ Convert to Injection | ☐ Vent or Flare |
| ☐ Fracture Treat or Acidize | ☐ Vent or Flare | ☐ Fracture Treat or Acidize | ☐ Water Shut-Off |
| ☐ Multiple Completion | ☐ Water Shut-Off | ☒ Other | OPERATOR NAME CHANGE FOR WELLS |
| ☐ Other | | Date of work completion | |
| Approximate date work will start | | Report results of Multiple Completion and Recompletion to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. | |
| | | *Must be accompanied by a cement verification report. | |

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

(This space for State use only)

(4/94)  (See Instructions on Reverse Side)

552894
CO 106990
File Number

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

| Check Appropriate Box | |
|---|---|
| [X] 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 it's 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 | Title | Date |
|---|---|---|
| [signature] | Vice President & Corporate Secretary | April 20, 2000 |

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
Utah Div. Of Corp. & Comm. Code

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

I Hereby certify that the foregoing has been filed and approved on this 25 day of Apr 20 00 in the office of this Division and hereby issue this Certificate thereof.

Examiner _____ Date 2/4/00

[signature]
ERIC G. JENSON
Director of Corporations

Date: 04/25/2000
Receipt Number: 22156
Amount Paid: $60.00

common\forms\Misc\amendcert
Revised 01-14-00 mm
UT022 - 2/19/00 C T System Online

(2)

| 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 |
| [redacted] | [redacted] | [redacted] | PR | STATE |
| STATE #2-36E | 4304732979 | DOMINION EXPLORATION & PR | ~~LA~~ PGW | 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 | [redacted] 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 | [redacted] 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 | [redacted] 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 | STATE |
| RBU #7-10F | 430473076100S1 | DOMINION EXPLORATION & PR | PR | [redacted] BLM |
| RBU #6-20F | 430473076200S1 | DOMINION EXPLORATION & PR | PR | BLM |
| RBU #7-22F | 430473076800S1 | DOMINION EXPLORATION & PR | PR | BIA |
| 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 | [redacted] 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 |

**Division of Oil, Gas and Mining**

**ROUTING:**

| | |
|---|---|
| [redacted] | 4-KAS ✓ |
| 2-CDW ✓ | 5-SJ ✓ |
| 3-JLT | 6-FILE |

## OPERATOR CHANGE WORKSHEET

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 | API | Entity | S | T | R | Lease |
|---|---|---|---|---|---|---|
| RBU 8-23EO | 43-047-32508 | 99998 | 23 | 10S | 19E | U-013766 |
| RBU 16-14EO | 43-047-32507 | 99998 | 14 | 10S | 19E | U-013792 |
| RBU 15-13EO | 43-047-32599 | 99998 | 13 | 10S | 19E | U-013765 |
| RBU 9-23EO | 43-047-32601 | 99998 | 23 | 10S | 19E | U-013766 |
| RBU 5-3F | 43-047-33361 | 99999 | 03 | 10S | 20E | U-013767 |
| RBU 5-16F | 43-047-33363 | 7052 | 16 | 10S | 20E | U-7206 |
| RBU 10-23F | 43-047-33367 | 7050 | 23 | 10S | 20E | U-01470-A |
| RBU 11-18F | 43-047-30266 | 7050 | 18 | 10S | 20E | U-013793 |
| RBU 11-13E | 43-047-30374 | 7050 | 13 | 10S | 19E | U-013765 |
| RBU 11-15F | 43-047-30375 | 7050 | 15 | 10S | 20 E | U-7206 |
| RBU 7-21F | 43-047-30376 | 7050 | 21 | 10S | 20E | U-013793-A |
| RBU 11-19F | 43-047-30405 | 7050 | 19 | 10S | 20 E | U-013769-A |
| RBU 11-10E | 43-047-30408 | 7050 | 10 | 10S | 19E | U-013792 |
| RBU 5-11D | 43-047-30409 | 9005 | 11 | 10S | 18E | U-013818-A |
| RBU 11-14E | 43-047-30410 | 7050 | 14 | 10S | 19E | U-013792 |
| RBU 11-23E | 43-047-30411 | 7050 | 23 | 10S | 19E | U-013766 |
| RBU 11-17F | 43-047-30584 | 7050 | 17 | 10S | 20E | U-013769-C |

## 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_____.

**-OVER-**

YES 5. **Federal and Indian Lea[illegible] Wells.** The BLM or the BIA has approve[illegible]e 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 todays 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

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

# SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE – Other instructions on reverse side

5. Lease Serial No.: U-013793-A
6. If Indian, Allottee or Tribe Name:
7. If Unit or CA/Agreement, Name and/or No.: RIVERBEND UNIT
8. Well Name and No.: RBU 7-21F
9. API Well No.: 43-047-30376
10. Field and Pool, or Exploratory Area: NATURAL BUTTES
11. County or Parish, State: UINTAH COUNTY, UTAH

1. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other
2. Name of Operator: DOMINION EXPLORATION & PRODUCTION, INC.
3a. Address: 16945 Northchase Drive, Suite 1750 Houston, Texas 77060
3b. Phone No. (*include area code*): 281-873-3692
4. Location of Well (*Footage, Sec., T., R., M., or Survey Description*): 1716' FNL & 2038' FEL; SW NE Sec. 21, T10S, R20E

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

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

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

5/9/01: Rigged up swab rig. Well flowed. SIW, drop plunger and wait 1 hour. Cycle well to tank and plunger surfaced. Rig down and move off.

CONFIDENTIAL

RECEIVED
MAY 25 2001
DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct
Name (*Printed/Typed*): Diann Flowers
Title: Regulatory Specialist
Signature: Diann Flowers
Date: 05/21/01

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by | Title | Date

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

Office

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

Division of Oil, Gas and Mining

# OPERATOR CHANGE WORKSHEET

| ROUTING |
|---|
| 1. DJJ |
| 2. CDW |

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

The operator of the well(s) listed below has changed, effective: **7/1/2007**

| **FROM:** (Old Operator): | **TO:** ( New Operator): |
|---|---|
| N1095-Dominion Exploration & Production, Inc | N2615-XTO Energy Inc |
| 14000 Quail Springs Parkway, Suite 600 | 810 Houston St |
| Oklahoma City, OK 73134 | Fort Worth, TX 76102 |
| Phone: 1 (405) 749-1300 | Phone: 1 (817) 870-2800 |

**CA No.** **Unit:** **RIVER BEND**

| WELL NAME | SEC | TWN | RNG | API NO | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |
|---|---|---|---|---|---|---|---|---|
| SEE ATTACHED LIST | | | | | | | | |

## OPERATOR CHANGES DOCUMENTATION

**Enter date after each listed item is completed**

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/6/2007
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/6/2007
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 8/6/2007

4a. Is the new operator registered in the State of Utah: _____ Business Number: 5655506-0143

4b. If **NO**, the operator was contacted contacted on:

5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE

5b. Inspections of LA PA state/fee well sites complete on: n/a

5c. Reports current for Production/Disposition & Sundries on: ok

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: _____
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on: _____
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

## DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 9/27/2007
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 9/27/2007
3. Bond information entered in RBDMS on: 9/27/2007
4. Fee/State wells attached to bond in RBDMS on: 9/27/2007
5. Injection Projects to new operator in RBDMS on: 9/27/2007
6. Receipt of Acceptance of Drilling Procedures for APD/New on: 9/27/2007

## BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UTB000138
2. Indian well(s) covered by Bond Number: n/a

3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 104312762

3b. The **FORMER** operator has requested a release of liability from their bond on: 1/23/2008
The Division sent response by letter on:

## LEASE INTEREST OWNER NOTIFICATION:

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

**COMMENTS:**

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

FORM 9

# SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:

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

8. WELL NAME and NUMBER: SEE ATTACHED

2. NAME OF OPERATOR: XTO Energy Inc. N2615

9. API NUMBER: SEE ATTACHED

3. ADDRESS OF OPERATOR: 810 Houston Street, CITY Fort Worth, STATE TX, ZIP 76102

PHONE NUMBER: (817) 870-2800

10. FIELD AND POOL, OR WILDCAT: Natural Buttes

4. LOCATION OF WELL

FOOTAGES AT SURFACE: SEE ATTACHED

COUNTY: Uintah

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

STATE: UTAH

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

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

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

Effective July 1, 2007, XTO Energy Inc. has purchased the wells listed on the attachment from:

Dominion Exploration & Production, Inc.
14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134
N1095

James D Abercrombie (405) 749-1300
James D. Abercrombie
Sr. Vice President, General Manager - Western Business Unit

Please be advised that XTO Energy Inc. is considered to be the operator on the attached list and is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands. Bond coverage is provided by Nationwide BLM Bond #104312750 and Department of Natural Resources Bond #104312762.

NAME (PLEASE PRINT) Edwin S. Ryan, Jr. TITLE Sr. Vice President - Land Administration

SIGNATURE Edwin S. Ryan, Jr. DATE 7/31/2007

(This space for State use only)

APPROVED 9/27/07
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED
AUG 06 2007
DIV. OF OIL, GAS & MINING

(5/2000)

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

| api | well_name | qtr_qtr | sec | twp | rng | lease_num | entity | Lease | well | stat |
|---|---|---|---|---|---|---|---|---|---|---|
| 4304730087 | OSCU 2 | NWSE | 03 | 100S | 200E | U-037164 | 7050 | Federal | GW | P |
| 4304730266 | RBU 11-18F | NESW | 18 | 100S | 200E | U-013793 | 7050 | Federal | GW | P |
| 4304730374 | RBU 11-13E | NESW | 13 | 100S | 190E | U-013765 | 7050 | Federal | GW | P |
| 4304730375 | RBU 11-15F | NESW | 15 | 100S | 200E | U-7206 | 7050 | Federal | GW | P |
| 4304730376 | RBU 7-21F | SWNE | 21 | 100S | 200E | U-013793-A | 7050 | Federal | GW | P |
| 4304730405 | RBU 11-19F | NESW | 19 | 100S | 200E | U-013769-A | 7050 | Federal | GW | P |
| 4304730408 | RBU 11-10E | NESW | 10 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304730410 | RBU 11-14E | NESW | 14 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304730411 | RBU 11-23E | NESW | 23 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304730412 | RBU 11-16F | NESW | 16 | 100S | 200E | U-7206 | 7050 | Federal | GW | P |
| 4304730585 | RBU 7-11F | SWNE | 11 | 100S | 200E | U-01790 | 7050 | Federal | GW | P |
| 4304730689 | RBU 11-3F | NESW | 03 | 100S | 200E | U-013767 | 7050 | Federal | GW | P |
| 4304730720 | RBU 7-3E | SWNE | 03 | 100S | 190E | U-013765 | 7050 | Federal | GW | P |
| 4304730759 | RBU 11-24E | NESW | 24 | 100S | 190E | U-013794 | 7050 | Federal | GW | P |
| 4304730761 | RBU 7-10F | SWNE | 10 | 100S | 200E | U-7206 | 7050 | Federal | GW | P |
| 4304730762 | RBU 6-20F | SENW | 20 | 100S | 200E | U-013793-A | 7050 | Federal | GW | P |
| 4304730768 | RBU 7-22F | SWNE | 22 | 100S | 200E | 14-20-H62-2646 | 7050 | Indian | GW | P |
| 4304730887 | RBU 16-3F | SESE | 03 | 100S | 200E | U-037164 | 7050 | Federal | GW | P |
| 4304730915 | RBU 1-15E | NENE | 15 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304730926 | RBU 1-14E | NENE | 14 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304730927 | RBU 1-22E | NENE | 22 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304730970 | RBU 1-23E | NENE | 23 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304730971 | RBU 4-19F | NWNW | 19 | 100S | 200E | U-013769-A | 7050 | Federal | GW | P |
| 4304730973 | RBU 13-11F | SWSW | 11 | 100S | 200E | U-7206 | 7050 | Federal | WD | A |
| 4304731046 | RBU 1-10E | NWNE | 10 | 100S | 190E | U-013792 | 7050 | Federal | GW | S |
| 4304731115 | RBU 16-16F | SESE | 16 | 100S | 200E | U-7206 | 7050 | Federal | GW | P |
| 4304731140 | RBU 12-18F | NWSW | 18 | 100S | 200E | U-013793 | 7050 | Federal | GW | P |
| 4304731141 | RBU 3-24E | NENW | 24 | 100S | 190E | U-013794 | 7050 | Federal | GW | P |
| 4304731143 | RBU 3-23E | NENW | 23 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304731144 | RBU 9-23E | NESE | 23 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304731145 | RBU 9-14E | NESE | 14 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304731160 | RBU 3-15E | NENW | 15 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304731161 | RBU 10-15E | NWSE | 15 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304731176 | RBU 9-10E | NESE | 10 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304731196 | RBU 3-14E | SENW | 14 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304731252 | RBU 8-4E | SENE | 04 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304731322 | RBU 1-19F | NENE | 19 | 100S | 200E | U-013769-A | 7050 | Federal | GW | P |
| 4304731323 | RBU 5-10E | SWNW | 10 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304731369 | RBU 3-13E | NENW | 13 | 100S | 190E | U-013765 | 7050 | Federal | GW | P |
| 4304731518 | RBU 16-3E | SESE | 03 | 100S | 190E | U-035316 | 7050 | Federal | GW | P |
| 4304731519 | RBU 11-11F | NESW | 11 | 100S | 200E | U-7206 | 7050 | Federal | GW | P |
| 4304731520 | RBU 1-17F | NENE | 17 | 100S | 200E | U-013769-B | 7050 | Federal | GW | P |
| 4304731605 | RBU 9-13E | NESE | 13 | 100S | 190E | U-013765 | 7050 | Federal | GW | P |
| 4304731606 | RBU 3-22E | NENW | 22 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304731607 | RBU 8-24E | SENE | 24 | 100S | 190E | U-013794 | 7050 | Federal | GW | P |
| 4304731608 | RBU 15-18F | SWSE | 18 | 100S | 200E | U-013794 | 7050 | Federal | GW | P |

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

| api | well_name | qtr_qtr | sec | twp | rng | lease_num | entity | Lease | well | stat |
|---|---|---|---|---|---|---|---|---|---|---|
| 4304731613 | RBU 5-11F | SWNW | 11 | 100S | 200E | U-7206 | 7050 | Federal | GW | P |
| 4304731615 | RBU 4-22F | NWNW | 22 | 100S | 200E | U-0143521-A | 7050 | Federal | GW | S |
| 4304731652 | RBU 6-17E | SWNW | 17 | 100S | 190E | U-03535 | 7050 | Federal | GW | P |
| 4304731715 | RBU 5-13E | SWNW | 13 | 100S | 190E | U-013765 | 7050 | Federal | GW | P |
| 4304731717 | RBU 13-13E | SWSW | 13 | 100S | 190E | U-013765 | 7050 | Federal | GW | P |
| 4304731739 | RBU 9-9E | NESE | 09 | 100S | 190E | U-03505 | 7050 | Federal | GW | P |
| 4304732033 | RBU 13-14E | SWSW | 14 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304732037 | RBU 11-3E | NESW | 03 | 100S | 190E | U-013765 | 7050 | Federal | GW | P |
| 4304732038 | RBU 6-18F | SENW | 18 | 100S | 200E | U-013769 | 7050 | Federal | GW | P |
| 4304732040 | RBU 15-24E | SWSE | 24 | 100S | 190E | U-013794 | 7050 | Federal | GW | P |
| 4304732041 | RBU 5-14E | SWNW | 14 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304732050 | RBU 12-20F | NWSW | 20 | 100S | 200E | U-0143520-A | 7050 | Federal | GW | P |
| 4304732051 | RBU 7-13E | SWNE | 13 | 100S | 190E | U-013765 | 7050 | Federal | GW | P |
| 4304732070 | RBU 16-19F | SESE | 19 | 100S | 200E | U-013769-A | 7050 | Federal | WD | A |
| 4304732071 | RBU 9-22E | NESE | 22 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304732072 | RBU 15-34B | SWSE | 34 | 090S | 190E | U-01773 | 7050 | Federal | GW | P |
| 4304732073 | RBU 11-15E | NESW | 15 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304732074 | RBU 13-21F | SWSW | 21 | 100S | 200E | U-0143520-A | 7050 | Federal | GW | P |
| 4304732075 | RBU 10-22F | NWSE | 22 | 100S | 200E | U-01470-A | 7050 | Federal | GW | P |
| 4304732081 | RBU 9-20F | NESE | 20 | 100S | 200E | U-0143520-A | 7050 | Federal | GW | P |
| 4304732082 | RBU 15-23E | SWSE | 23 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304732083 | RBU 13-24E | SWSW | 24 | 100S | 190E | U-013794 | 7050 | Federal | GW | P |
| 4304732095 | RBU 3-21E | NENW | 21 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304732103 | RBU 15-17F | SWSE | 17 | 100S | 200E | U-013769-C | 7050 | Federal | GW | P |
| 4304732105 | RBU 13-19F | SWSW | 19 | 100S | 200E | U-013769-A | 7050 | Federal | GW | P |
| 4304732107 | RBU 1-21E | NENE | 21 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304732128 | RBU 9-21E | NESE | 21 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304732129 | RBU 9-17E | NESE | 17 | 100S | 190E | U-03505 | 7050 | Federal | GW | P |
| 4304732133 | RBU 13-14F | SWSW | 14 | 100S | 200E | U-013793-A | 7050 | Federal | GW | P |
| 4304732134 | RBU 9-11F | NESE | 11 | 100S | 200E | U-7206 | 7050 | Federal | GW | P |
| 4304732138 | RBU 5-21F | SWNW | 21 | 100S | 200E | U-013793 | 7050 | Federal | GW | P |
| 4304732146 | RBU 1-20E | NENE | 20 | 100S | 190E | U-03505 | 7050 | Federal | GW | P |
| 4304732149 | RBU 8-18F | SENE | 18 | 100S | 200E | U-013769 | 7050 | Federal | GW | P |
| 4304732153 | RBU 13-23E | SWSW | 23 | 100S | 190E | U-13766 | 7050 | Federal | GW | P |
| 4304732154 | RBU 5-24E | SWNW | 24 | 100S | 190E | U-013794 | 7050 | Federal | GW | P |
| 4304732156 | RBU 5-14F | SWNW | 14 | 100S | 200E | U-013793A | 7050 | Federal | GW | P |
| 4304732166 | RBU 7-15E | SWNE | 15 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304732167 | RBU 15-13E | SWSE | 13 | 100S | 190E | U-013765 | 7050 | Federal | GW | P |
| 4304732189 | RBU 13-10F | SWSW | 10 | 100S | 200E | 14-20-H62-2645 | 7050 | Indian | GW | P |
| 4304732190 | RBU 15-10E | SWSE | 10 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304732191 | RBU 3-17FX | NENW | 17 | 100S | 200E | U-013769-C | 7050 | Federal | GW | P |
| 4304732197 | RBU 13-15E | SWSW | 15 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304732198 | RBU 7-22E | SWNE | 22 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304732199 | RBU 5-23E | SWNW | 23 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304732201 | RBU 13-18F | SWSW | 18 | 100S | 200E | U-013793 | 7050 | Federal | GW | S |
| 4304732211 | RBU 15-15E | SWSE | 15 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |

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| 4304732217 | RBU 9-17F | NESE | 17 | 100S | 200E | U-013769-C | 7050 | Federal | GW | P |
| 4304732219 | RBU 15-14E | SWSE | 14 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304732220 | RBU 5-3E | SWNW | 03 | 100S | 190E | U-03505 | 7050 | Federal | GW | P |
| 4304732228 | RBU 9-3E | NESE | 03 | 100S | 190E | U-035316 | 7050 | Federal | GW | P |
| 4304732239 | RBU 7-14E | SWNE | 14 | 100S | 190E | U-103792 | 7050 | Federal | GW | P |
| 4304732240 | RBU 9-14F | NESE | 14 | 100S | 200E | U-013793-A | 7050 | Federal | GW | P |
| 4304732242 | RBU 5-22E | SWNW | 22 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304732263 | RBU 8-13E | SENE | 13 | 100S | 190E | U-013765 | 7050 | Federal | GW | P |
| 4304732266 | RBU 9-21F | NESE | 21 | 100S | 200E | U-0143520-A | 7050 | Federal | GW | P |
| 4304732267 | RBU 5-10F | SWNW | 10 | 100S | 200E | U-7206 | 7050 | Federal | GW | P |
| 4304732268 | RBU 9-10F | NESE | 10 | 100S | 200E | U-7206 | 7050 | Federal | GW | P |
| 4304732269 | RBU 4-15F | NWNW | 15 | 100S | 200E | INDIAN | 7050 | Indian | GW | PA |
| 4304732270 | RBU 14-22F | SESW | 22 | 100S | 200E | U-0143519 | 7050 | Federal | GW | P |
| 4304732276 | RBU 5-21E | SWNW | 21 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304732289 | RBU 7-10E | SWNE | 10 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304732290 | RBU 5-17F | SWNW | 17 | 100S | 200E | U-013769-C | 7050 | Federal | GW | P |
| 4304732293 | RBU 3-3E | NENW | 03 | 100S | 190E | U-013765 | 7050 | Federal | GW | P |
| 4304732295 | RBU 13-22E | SWSW | 22 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304732301 | RBU 7-21E | SWNE | 21 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304732309 | RBU 15-21F | SWSE | 21 | 100S | 200E | U-0143520-A | 7050 | Federal | GW | P |
| 4304732310 | RBU 15-20F | SWSE | 20 | 100S | 200E | U-0143520-A | 7050 | Federal | GW | P |
| 4304732312 | RBU 9-24E | NESE | 24 | 100S | 190E | U-013794 | 7050 | Federal | GW | P |
| 4304732313 | RBU 3-20F | NENW | 20 | 100S | 200E | U-013793-A | 7050 | Federal | GW | P |
| 4304732315 | RBU 11-21F | NESW | 21 | 100S | 200E | U-0143520-A | 7050 | Federal | GW | P |
| 4304732317 | RBU 15-22E | SWSE | 22 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304732328 | RBU 3-19FX | NENW | 19 | 100S | 200E | U-013769-A | 7050 | Federal | GW | P |
| 4304732331 | RBU 2-11F | NWNE | 11 | 100S | 200E | U-01790 | 7050 | Federal | GW | P |
| 4304732347 | RBU 3-11F | NENW | 11 | 100S | 200E | U-7206 | 7050 | Federal | GW | P |
| 4304732391 | RBU 2-23F | NWNE | 23 | 100S | 200E | U-013793-A | 7050 | Federal | GW | S |
| 4304732392 | RBU 11-14F | NESW | 14 | 100S | 200E | U-013793-A | 7050 | Federal | GW | P |
| 4304732396 | RBU 3-21F | NENW | 21 | 100S | 200E | U-013793-A | 7050 | Federal | GW | P |
| 4304732407 | RBU 15-14F | SWSE | 14 | 100S | 200E | U-013793-A | 7050 | Federal | GW | P |
| 4304732408 | RBU 4-23F | NWNW | 23 | 100S | 200E | U-013793-A | 7050 | Federal | GW | P |
| 4304732415 | RBU 3-10EX (RIG SKID) | NENW | 10 | 100S | 190E | UTU-035316 | 7050 | Federal | GW | P |
| 4304732483 | RBU 5-24EO | SWNW | 24 | 100S | 190E | U-013794 | 11719 | Federal | OW | S |
| 4304732512 | RBU 8-11F | SENE | 11 | 100S | 200E | U-01790 | 7050 | Federal | GW | P |
| 4304732844 | RBU 15-15F | SWSE | 15 | 100S | 200E | 14-20-H62-2646 | 7050 | Indian | GW | P |
| 4304732899 | RBU 3-14F | NENW | 14 | 100S | 200E | U-013793-A | 7050 | Federal | GW | P |
| 4304732900 | RBU 8-23F | SENE | 23 | 100S | 200E | U-013793-A | 7050 | Federal | GW | P |
| 4304732901 | RBU 12-23F | NWSW | 23 | 100S | 200E | U-01470-A | 7050 | Federal | GW | P |
| 4304732902 | RBU 1-15F | NENE | 15 | 100S | 200E | U-7260 | 7050 | Federal | GW | S |
| 4304732903 | RBU 3-15F | NENW | 15 | 100S | 200E | U-7260 | 7050 | Federal | GW | P |
| 4304732904 | RBU 9-15F | NESE | 15 | 100S | 200E | U-7260 | 7050 | Federal | GW | P |
| 4304732934 | RBU 3-10F | NENW | 10 | 100S | 200E | U-7206 | 7050 | Federal | GW | P |
| 4304732969 | RBU 11-10F | NESW | 10 | 100S | 200E | U-7206 | 7050 | Federal | GW | P |

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| 4304732972 | RBU 1-21F | NENE | 21 | 100S | 200E | U-013793-A | 7050 | Federal | GW | P |
| 4304732989 | RBU 13-10E | SWSW | 10 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304732990 | RBU 13-18F2 | SWSW | 18 | 100S | 200E | U-013793 | 7050 | Federal | GW | P |
| 4304732991 | RBU 6-19F | SENW | 19 | 100S | 200E | U-013769-A | 7050 | Federal | GW | P |
| 4304733033 | RBU 7-23E | NWNE | 23 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304733034 | RBU 9-18F | NESE | 18 | 100S | 200E | U-013794 | 7050 | Federal | GW | P |
| 4304733035 | RBU 14-19F | SESW | 19 | 100S | 200E | U-013769-A | 7050 | Federal | GW | P |
| 4304733087 | RBU 6-23F | SENW | 23 | 100S | 200E | U-013793-A | 7050 | Federal | GW | P |
| 4304733088 | RBU 1-10F | NENE | 10 | 100S | 200E | U-7206 | 7050 | Federal | GW | P |
| 4304733089 | RBU 8-22F | SENE | 22 | 100S | 200E | U-0143521 | 7050 | Federal | GW | P |
| 4304733090 | RBU 11-22F | NESW | 22 | 100S | 200E | U-0143519 | 7050 | Federal | GW | P |
| 4304733091 | RBU 16-22F | SESE | 22 | 100S | 200E | U-01470-A | 7050 | Federal | GW | P |
| 4304733156 | RBU 4-14E | NWNW | 14 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304733157 | RBU 7-19F | SWNE | 19 | 100S | 200E | U-013769-A | 7050 | Federal | GW | P |
| 4304733158 | RBU 7-20F | SWNE | 20 | 100S | 200E | U-013793-A | 7050 | Federal | GW | P |
| 4304733159 | RBU 7-24E | SWNE | 24 | 100S | 190E | U-013794 | 7050 | Federal | GW | P |
| 4304733160 | RBU 8-15E | SENE | 15 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304733161 | RBU 16-10E | SESE | 10 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304733194 | RBU 2-14E | NWNE | 14 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304733272 | RBU 13-3F | SWSW | 03 | 100S | 200E | U-013767 | 7050 | Federal | GW | P |
| 4304733361 | RBU 5-3F | SWNW | 03 | 100S | 200E | U-013767 | 7050 | Federal | GW | P |
| 4304733362 | RBU 15-10F | SWSE | 10 | 100S | 200E | U-7206 | 7050 | Federal | GW | P |
| 4304733363 | RBU 5-16F | SWNW | 16 | 100S | 200E | U-7206 | 7050 | Federal | GW | P |
| 4304733365 | RBU 12-14E | NWSW | 14 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304733366 | RBU 5-18F | SWNW | 18 | 100S | 200E | U-013769 | 7050 | Federal | GW | P |
| 4304733367 | RBU 10-23F | NWSE | 23 | 100S | 200E | U-01470-A | 7050 | Federal | GW | P |
| 4304733368 | RBU 14-23F | SESW | 23 | 100S | 200E | U-01470-A | 7050 | Federal | GW | S |
| 4304733424 | RBU 5-20F | SWNW | 20 | 100S | 200E | U-013793-A | 7050 | Federal | GW | P |
| 4304733643 | RBU 2-13E | NWNE | 13 | 100S | 190E | U-013765 | 7050 | Federal | GW | P |
| 4304733644 | RBU 4-13E | NWNW | 13 | 100S | 190E | U-013765 | 7050 | Federal | GW | P |
| 4304733714 | RBU 4-23E | NWNW | 23 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304733715 | RBU 6-13E | SENW | 13 | 100S | 190E | U-013765 | 7050 | Federal | GW | P |
| 4304733716 | RBU 10-14E | NWSE | 14 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304733838 | RBU 8-10E | SENE | 10 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304733839 | RBU 12-23E | NWSW | 23 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304733840 | RBU 12-24E | NWSW | 24 | 100S | 190E | U-013794 | 7050 | Federal | GW | P |
| 4304733841 | RBU 14-23E | SESW | 23 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304734302 | RBU 1-23F | NENE | 23 | 100S | 200E | UTU-013793-A | 7050 | Federal | GW | P |
| 4304734661 | RBU 16-15E | SESE | 15 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304734662 | RBU 10-14F | NWSE | 14 | 100S | 200E | U-013793-A | 7050 | Federal | GW | P |
| 4304734663 | RBU 6-14E | SENW | 14 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304734670 | RBU 8-23E | NENE | 23 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304734671 | RBU 4-24E | NENE | 23 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304734701 | RBU 12-11F | SENW | 11 | 100S | 200E | U-7206 | 7050 | Federal | GW | P |

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| 4304734745 | RBU 10-20F | NESE | 20 | 100S | 200E | U-0143520-A | 7050 | Federal | GW | P |
| 4304734749 | RBU 7-18F | SWNE | 18 | 100S | 200E | U-013769 | 7050 | Federal | GW | P |
| 4304734750 | RBU 12-10F | SWSW | 10 | 100S | 200E | 14-20-H62-2645 | 7050 | Indian | GW | P |
| 4304734810 | RBU 10-13E | NWSE | 13 | 100S | 190E | U-013765 | 7050 | Federal | GW | P |
| 4304734812 | RBU 1-24E | NENE | 24 | 100S | 190E | U-013794 | 7050 | Federal | GW | P |
| 4304734826 | RBU 12-21F | NESE | 20 | 100S | 200E | U-0143520-A | 7050 | Federal | GW | P |
| 4304734828 | RBU 4-15E | NWNW | 15 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304734844 | RBU 14-14E | SESW | 14 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304734845 | RBU 10-24E | NWSE | 24 | 100S | 190E | U-013794 | 7050 | Federal | GW | P |
| 4304734888 | RBU 4-21E | NWNW | 21 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304734889 | RBU 16-24E | SESE | 24 | 100S | 190E | U-13794 | 7050 | Federal | GW | P |
| 4304734890 | RBU 12-18F2 | NWSW | 18 | 100S | 200E | U-013793 | 7050 | Federal | GW | P |
| 4304734891 | RBU 10-23E | NESW | 23 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304734892 | RBU 8-22E | SENE | 22 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304734906 | RBU 6-22E | SENW | 22 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304734907 | RBU 2-24E | NWNE | 24 | 100S | 190E | U-013794 | 7050 | Federal | GW | P |
| 4304734910 | RBU 4-16F | NWNW | 16 | 100S | 200E | U-7206 | 7050 | Federal | GW | P |
| 4304734911 | RBU 12-19F | NWSW | 19 | 100S | 200E | U-013769-A | 7050 | Federal | GW | P |
| 4304734912 | RBU 14-20F | SESW | 20 | 100S | 200E | U-0143520-A | 7050 | Federal | GW | P |
| 4304734942 | RBU 1-22F | NWNW | 23 | 100S | 200E | U-013793-A | 7050 | Federal | GW | P |
| 4304734945 | RBU 8-19F | SENE | 19 | 100S | 200E | U-013769-A | 7050 | Federal | GW | P |
| 4304734946 | RBU 8-20F | SENE | 20 | 100S | 200E | U-013793-A | 7050 | Federal | GW | P |
| 4304734962 | RBU 12-17F | NWSW | 17 | 100S | 200E | U-013769-C | 7050 | Federal | GW | P |
| 4304734963 | RBU 2-17F | NWNE | 17 | 100S | 200E | U-013769-C | 14117 | Federal | GW | P |
| 4304734966 | RBU 14-18F | SESW | 18 | 100S | 200E | U-013793 | 7050 | Federal | GW | P |
| 4304734967 | RBU 10-18F | NWSE | 18 | 100S | 200E | U-013794 | 7050 | Federal | GW | P |
| 4304734968 | RBU 10-19F | NWSE | 19 | 100S | 200E | U-013769-A | 7050 | Federal | GW | P |
| 4304734969 | RBU 10-3E | NWSE | 03 | 100S | 190E | U-035316 | 7050 | Federal | GW | P |
| 4304734970 | RBU 12-3E | NWSW | 03 | 100S | 190E | U-013765 | 7050 | Federal | GW | P |
| 4304734971 | RBU 15-3E | SWSE | 03 | 100S | 190E | U-35316 | 7050 | Federal | GW | P |
| 4304734974 | RBU 12-10E | NWSW | 10 | 100S | 190E | U-013792 | 14025 | Federal | GW | P |
| 4304734975 | RBU 14-10E | NENW | 15 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304734976 | RBU 16-13E | SESE | 13 | 100S | 190E | U-013765 | 7050 | Federal | GW | P |
| 4304734977 | RBU 8-14E | SENE | 14 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304734978 | RBU 6-15E | SENW | 15 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304734979 | RBU 12-15E | NWSW | 15 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304734981 | RBU 16-17E | SESE | 17 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304734982 | RBU 8-21E | SENE | 21 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304734983 | RBU 4-22E | NWNW | 22 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304734986 | RBU 2-20F | NWNE | 20 | 100S | 200E | U-03505 | 7050 | Federal | GW | P |
| 4304734987 | RBU 9-20E | SWNW | 21 | 100S | 190E | U-03505 | 7050 | Federal | GW | P |
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| 4304734990 | RBU 8-20E | SWNW | 21 | 100S | 190E | U-03505 | 14164 | Federal | GW | P |
| 4304735041 | RBU 16-23E | SWSE | 23 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |

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| 4304735060 | RBU 14-13E | SESW | 13 | 100S | 190E | U-013765 | 7050 | Federal | GW | P |
| 4304735061 | RBU 2-22E | NWNE | 22 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304735062 | RBU 6-24E | SENW | 24 | 100S | 190E | U-013794 | 7050 | Federal | GW | P |
| 4304735082 | RBU 4-17E | NWNW | 17 | 100S | 190E | U-03505 | 7050 | Federal | GW | P |
| 4304735086 | RBU 16-14E | NENE | 23 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304735087 | RBU 2-3E | NWNE | 03 | 100S | 190E | U-013765 | 7050 | Federal | GW | P |
| 4304735088 | RBU 6-3E | SENW | 03 | 100S | 190E | U-03505 | 7050 | Federal | GW | P |
| 4304735100 | RBU 10-10E | NWSE | 10 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304735101 | RBU 16-22E | SESE | 22 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304735112 | RBU 14-24E | SESW | 24 | 100S | 190E | U-013794 | 7050 | Federal | GW | P |
| 4304735129 | RBU 6-21F | SENW | 21 | 100S | 200E | U-013793-A | 7050 | Federal | GW | P |
| 4304735170 | RBU 1-9E | NESE | 09 | 100S | 190E | U-03505 | 7050 | Federal | GW | P |
| 4304735171 | RBU 16-9E | NESE | 09 | 100S | 190E | U-013765 | 7050 | Federal | GW | P |
| 4304735232 | RBU 14-21F | SESW | 21 | 100S | 200E | U-0143520 | 7050 | Federal | GW | P |
| 4304735250 | RBU 13-19F2 | NWSW | 19 | 100S | 200E | U-013769-A | 7050 | Federal | GW | P |
| 4304735251 | RBU 15-19F | SWSE | 19 | 100S | 200E | U-013769-A | 7050 | Federal | GW | P |
| 4304735270 | RBU 16-21E | SESE | 21 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304735304 | RBU 13-20F | SWSW | 20 | 100S | 200E | U-013769 | 7050 | Federal | GW | P |
| 4304735305 | RBU 4-21F | NWNW | 21 | 100S | 200E | U-013793-A | 7050 | Federal | GW | P |
| 4304735306 | RBU 16-21F | SESE | 21 | 100S | 200E | U-0143520-A | 7050 | Federal | GW | P |
| 4304735468 | RBU 15-22F | SWSE | 22 | 100S | 200E | U-01470-A | 7050 | Federal | GW | P |
| 4304735469 | RBU 11-23F | SENW | 23 | 100S | 200E | U-01470A | 7050 | Federal | GW | P |
| 4304735549 | RBU 1-14F | NENE | 14 | 100S | 200E | UTU-013793-A | 7050 | Federal | GW | P |
| 4304735640 | RBU 2-21E | NWNE | 21 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304735644 | RBU 10-17E | NWSE | 17 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304735645 | RBU 12-21E | NWSW | 21 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304736200 | RBU 8-17E | SWNE | 17 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
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| 4304736294 | RBU 6-10E | NENW | 10 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304736296 | RBU 6-21E | SENW | 21 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304736297 | RBU 10-22E | NWSE | 22 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304736318 | RBU 14-22E | SESW | 22 | 100S | 190E | U-013792 | 7050 | Federal | GW | P |
| 4304736427 | RBU 9-15E | NESE | 15 | 100S | 190E | U-013766 | 7050 | Federal | GW | DRL |
| 4304736428 | RBU 2-17E | NWNE | 17 | 100S | 190E | U-013766 | 7050 | Federal | GW | P |
| 4304736429 | RBU 1-17E | NENE | 17 | 100S | 190E | U-013766 | 7050 | Federal | GW | DRL |
| 4304736432 | RBU 3-19F2 | NWNW | 19 | 100S | 200E | U-013769-A | 15234 | Federal | GW | P |
| 4304736433 | RBU 14-17F | SESW | 17 | 100S | 200E | U-03505 | 7050 | Federal | GW | P |
| 4304736434 | RBU 2-19F | NWNE | 19 | 100S | 200E | U-013769-A | 7050 | Federal | GW | P |
| 4304736435 | RBU 5-19FX | SWNW | 19 | 100S | 200E | U-013769-A | 15855 | Federal | GW | P |
| 4304736436 | RBU 4-20F | NWNW | 20 | 100S | 200E | U-013793-A | 7050 | Federal | GW | P |
| 4304736605 | RBU 16-14F | SESE | 14 | 100S | 200E | U-013793A | 7050 | Federal | GW | P |
| 4304736608 | RBU 4-3E | NWNW | 03 | 100S | 190E | U-035316 | 7050 | Federal | GW | P |

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

| api | well_name | qtr_qtr | sec | twp | rng | lease_num | entity | Lease | well | stat |
|---|---|---|---|---|---|---|---|---|---|---|
| 4304736609 | RBU 8-3E | SENE | 03 | 100S | 190E | U-013765 | 7050 | Federal | GW | P |
| 4304736610 | RBU 14-3E | SESW | 03 | 100S | 190E | U-013765 | 7050 | Federal | GW | P |
| 4304736686 | RBU 13-3E | NWSW | 03 | 100S | 190E | U-013765 | 15235 | Federal | GW | P |
| 4304736810 | RBU 1-3E | NENE | 03 | 100S | 190E | U-013765 | 7050 | Federal | GW | DRL |
| 4304736850 | RBU 2-10F | NWNE | 10 | 100S | 200E | U-7206 | 7050 | Federal | GW | P |
| 4304736851 | RBU 8-21F | SENE | 21 | 100S | 200E | U-013793-A | 7050 | Federal | GW | P |
| 4304737033 | RBU 4-10E | SWNW | 10 | 100S | 190E | U-035316 | 7050 | Federal | GW | P |
| 4304737057 | RBU 11-17E | NWSE | 17 | 100S | 190E | U-03505 | 7050 | Federal | GW | DRL |
| 4304737058 | RBU 3-17E | NENW | 17 | 100S | 190E | U-03505 | 7050 | Federal | GW | P |
| 4304737201 | RBU 3-23F | NENW | 23 | 100S | 200E | U-013793-A | 7050 | Federal | OW | P |
| 4304737341 | RBU 11-20F | NESW | 20 | 100S | 200E | U-0143520-A | 7050 | Federal | GW | P |
| 4304737342 | RBU 5-15F | SWNW | 15 | 100S | 200E | U-7206 | 7050 | Federal | OW | P |
| 4304737343 | RBU 10-16F | NWSE | 16 | 100S | 200E | U-7206 | 7050 | Federal | OW | P |
| 4304737344 | RBU 9-16F | NESE | 16 | 100S | 200E | U-7206 | 7050 | Federal | OW | S |
| 4304737450 | RBU 14-17E | SESW | 17 | 100S | 190E | U-03505 | 7050 | Federal | GW | P |
| 4304737747 | RBU 15-9E | NWNE | 16 | 100S | 190E | U-013765 | 7050 | Federal | GW | DRL |
| 4304737893 | RBU 9-4EA | SENE | 04 | 100S | 190E | U-03505 | 7050 | Federal | GW | P |
| 4304737998 | RBU 13-23F | SWSW | 23 | 100S | 200E | U-01470-A | 7050 | Federal | GW | P |
| 4304738181 | RBU 12-4E | SWNW | 04 | 100S | 190E | U-03576 | 99999 | Federal | GW | DRL |
| 4304738182 | RBU 11-4E | SE/4 | 04 | 100S | 190E | U-03505 | 99999 | Federal | GW | DRL |
| 4304738294 | RBU 2-4E | NWNE | 04 | 100S | 190E | U-013792 | 7050 | Federal | GW | DRL |
| 4304738295 | RBU 5-4E | SWNW | 04 | 100S | 190E | U-03576 | 99999 | Federal | GW | DRL |
| 4304738543 | RBU 28-18F | NESE | 13 | 100S | 190E | U 013793-A | 7050 | Federal | GW | DRL |
| 4304738548 | RBU 32-13E | NESE | 13 | 100S | 190E | U-013765 | 7050 | Federal | GW | DRL |
| 4304738555 | RBU 27-18F | SWSW | 18 | 100S | 200E | U-013793 | 7050 | Federal | GW | DRL |
| 4304738556 | RBU 27-18F2 | SWSW | 18 | 100S | 200E | U-013793 | 7050 | Federal | GW | DRL |
| 4304738557 | RBU 30-18F | SWSW | 18 | 100S | 200E | U-013793 | 7050 | Federal | GW | P |
| 4304738558 | RBU 29-18F | SWSW | 18 | 100S | 200E | U-013793 | 7050 | Federal | GW | DRL |
| 4304738595 | RBU 31-10E | NENE | 15 | 100S | 190E | U-013792 | 7050 | Federal | GW | DRL |
| 4304738596 | RBU 17-15E | NENE | 15 | 100S | 190E | U-013766 | 7050 | Federal | GW | DRL |
| 4304738780 | RBU 8B-17E | SENE | 17 | 100S | 190E | U-013766 | 7050 | Federal | GW | DRL |

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

| api | well_name | qtr_qtr | sec | twp | rng | lease_num | entity | Lease | well | stat |
|---|---|---|---|---|---|---|---|---|---|---|
| 4304730153 | NATURAL 1-2 | SENW | 02 | 100S | 200E | ML-10716 | 11377 | State | OW | PA |
| 4304730260 | RBU 11-16E | NESW | 16 | 100S | 190E | ML-13214 | 7050 | State | GW | S |
| 4304730583 | RBU 11-36B | NESW | 36 | 090S | 190E | ML-22541 | 99998 | State | NA | PA |
| 4304730608 | RBU 8-16D | SENE | 16 | 100S | 180E | ML-13216 | 99998 | State | NA | PA |
| 4304730760 | RBU 11-2F | NESW | 02 | 100S | 200E | ML-10716 | 9966 | State | OW | S |
| 4304731740 | RBU 1-16E | NENE | 16 | 100S | 190E | ML-13214 | 7050 | State | GW | P |
| 4304732026 | RBU 16-2F | SESE | 02 | 100S | 200E | ML-10716 | 7050 | State | GW | P |
| 4304732042 | RBU 9-16E | NESE | 16 | 100S | 190E | ML-13214 | 7050 | State | GW | P |
| 4304732108 | RBU 14-2F | SESW | 02 | 100S | 200E | ML-10716 | 7050 | State | GW | P |
| 4304732136 | RBU 8-2F | SENE | 02 | 100S | 200E | ML-10716 | 7050 | State | GW | P |
| 4304732137 | RBU 5-16E | SWNW | 16 | 100S | 190E | ML-13214 | 7050 | State | GW | P |
| 4304732245 | RBU 7-16E | SWNE | 16 | 100S | 190E | ML-13214 | 7050 | State | GW | PA |
| 4304732250 | RBU 13-16E | SWSW | 16 | 100S | 190E | ML-13214 | 7050 | State | GW | S |
| 4304732292 | RBU 15-16E | SWSE | 16 | 100S | 190E | ML-13214 | 7050 | State | GW | PA |
| 4304732314 | RBU 10-2F | NWSE | 02 | 100S | 200E | ML-10716 | 7050 | State | GW | P |
| 4304732352 | RBU 3-16F | NENW | 16 | 100S | 200E | ML-3393-A | 7050 | State | GW | P |
| 4304733360 | RBU 1-16F | NENE | 16 | 100S | 200E | ML-3393 | 7050 | State | GW | P |
| 4304734061 | RBU 6-16E | SWNE | 16 | 100S | 190E | ML-13214 | 7050 | State | GW | P |
| 4304734167 | RBU 1-2F | NENE | 02 | 100S | 200E | ML-10716 | | State | GW | LA |
| 4304734315 | STATE 11-2D | NESW | 02 | 100S | 180E | ML-26968 | | State | GW | LA |
| 4304734903 | RBU 14-16E | SWSW | 16 | 100S | 190E | ML-13214 | 7050 | State | D | PA |
| 4304735020 | RBU 8-16E | SENE | 16 | 100S | 190E | ML-13214 | 7050 | State | GW | P |
| 4304735021 | RBU 10-16E | SWSE | 16 | 100S | 190E | ML-13214 | 7050 | State | GW | P |
| 4304735022 | RBU 12-16E | NESW | 16 | 100S | 190E | ML-13214 | 7050 | State | GW | P |
| 4304735023 | RBU 16-16E | SWSW | 15 | 100S | 190E | ML-13214 | 7050 | State | GW | P |
| 4304735033 | RBU 2-16E | NWNE | 16 | 100S | 190E | ML-13214 | 7050 | State | GW | P |
| 4304735081 | RBU 15-2F | SWSE | 02 | 100S | 200E | ML-10716 | 7050 | State | GW | P |
| 4304735348 | RBU 13-16F | NWNW | 21 | 100S | 200E | ML-3394 | 7050 | State | GW | DRL |
| 4304736169 | RBU 4-16E | NENW | 16 | 100S | 190E | ML-13214 | 7050 | State | GW | P |
| 4304736170 | RBU 3-16E | NENW | 16 | 100S | 190E | ML-13214 | 7050 | State | GW | P |

# United States Department of the Interior

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


TAKE PRIDE IN AMERICA

IN REPLY REFER TO
3180
UT-922

Dominion Exploration & Production, Inc.
Attn: James D. Abercrombie
14000 Quail Springs Parkway, #600
Oklahoma City, OK 73134-2600

August 10, 2007

Re: River Bend Unit
Uintah County, Utah

Gentlemen:

On August 8, 2007, we received an indenture dated June 30, 2007, whereby Dominion Exploration & Production, Inc. resigned as Unit Operator and XTO Energy Inc. was designated as Successor Unit Operator for the River Bend Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 15, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the River Bend Unit Agreement.

Your statewide oil and gas bond No. UTB000138 will be used to cover all operations within the River Bend Unit.

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

Sincerely,

*/s/ Greg J. Noble*

Greg J. Noble
Acting Chief, Branch of Fluid Minerals

Enclosure


RECEIVED
AUG 16 2007
DIV. OF OIL, GAS & MINING

API Well No: 43047303760000

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: U-013793-A

## SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: RIVER BEND

1. TYPE OF WELL: Gas Well

8. WELL NAME and NUMBER: RBU 7-21F

2. NAME OF OPERATOR: XTO ENERGY INC

9. API NUMBER: 43047303760000

3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410
PHONE NUMBER: 505 333-3159 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1716 FNL 2038 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 21 Township: 10.0S Range: 20.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|---|
| ☐ NOTICE OF INTENT Approximate date work will start: | ☐ ACIDIZE | ☐ ALTER CASING | ☐ CASING REPAIR |
| ✓ SUBSEQUENT REPORT Date of Work Completion: 6/21/2010 | ☐ CHANGE TO PREVIOUS PLANS | ☐ CHANGE TUBING | ☐ CHANGE WELL NAME |
| ☐ SPUD REPORT Date of Spud: | ☐ CHANGE WELL STATUS | ☐ COMMINGLE PRODUCING FORMATIONS | ☐ CONVERT WELL TYPE |
| ☐ DRILLING REPORT Report Date: | ☐ DEEPEN | ☐ FRACTURE TREAT | ☐ NEW CONSTRUCTION |
| | ☐ OPERATOR CHANGE | ☐ PLUG AND ABANDON | ☐ PLUG BACK |
| | ☐ PRODUCTION START OR RESUME | ☐ RECLAMATION OF WELL SITE | ☐ RECOMPLETE DIFFERENT FORMATION |
| | ☐ REPERFORATE CURRENT FORMATION | ☐ SIDETRACK TO REPAIR WELL | ☐ TEMPORARY ABANDON |
| | ☐ TUBING REPAIR | ☐ VENT OR FLARE | ☐ WATER DISPOSAL |
| | ☐ WATER SHUTOFF | ☐ SI TA STATUS EXTENSION | ☐ APD EXTENSION |
| | ☐ WILDCAT WELL DETERMINATION | ✓ OTHER | OTHER: CLEANOUT/ACID TRTI |

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

XTO Energy Inc. has cleaned out this well & performed an acid treatment per the attached summary report.

**Accepted by the Utah Division of Oil, Gas and Mining**
**FOR RECORD ONLY**
June 24, 2010

| NAME (PLEASE PRINT) | PHONE NUMBER | TITLE |
|---|---|---|
| Barbara Nicol | 505 333-3642 | Regulatory Compliance Tech |
| SIGNATURE: N/A | | DATE: 6/22/2010 |

RECEIVED June 22, 2010

# EXECUTIVE SUMMARY REPORT

5/1/2010 - 6/22/2010
Report run on 6/22/2010 at 11:44 AM

## Riverbend Unit 07-21F

Section 21-10S-20E, Uintah, Utah, Roosevelt

5/11/2010 MIRU Temples WS rig #1. EOT @ 8199'. MV perfs fr/5318' - 8166'. PBTD @ 8294'. Bd well. Ppd dwn csg w/40 bbls TFW & KW. Cut WH bolts off due to hvy corr. ND WH & NU BOP. Chng out two csg valves. SWI & SDFN.

========== Riverbend Unit 07-21F ==========

5/12/2010 Ppd dwn csg w/10 bbls TFW & KW. TIH w/3 jts 2-3/8" tbg, tgd fill @ 8250'. TOH w/272 jts 2-3/8" 4.7#, J-55, EUE, 8rd tbg, 2-3/8" SN & 2-3/8" mule shoe col. Tbg showed hvy external sc BU fr/6000' to EOT @ 8199'. Last 2 jts showed hvy internal & external sc BU. Smpl taken for analysis. Recd plngr & BHBS in SN. TIH w/4-3/4" bit, 5-1/2" csg scr, 2-3/8" SN & 233 jts 2-3/8" tbg, tgd sc bridge @ 7175'. TOH w/64 jts 2-3/8" tbg. EOT @ 5248'. SWI & SDFN.

========== Riverbend Unit 07-21F ==========

5/13/2010 Bd well. TIH w/ 64 jts 2-3/8" tbg, tgd sc bridge @ 7175'. RU pwr swvl & AFU. Estb circion. CO multiple sc bridges on perfs fr/ 7175' to 8199' & 27' fill fr/ 8250' to 8277'. Circ hole cln for 1hr. Ppd dwn tbg w/20 bbls TFW & kld tbg. RD pwr swvl & AFU. TOH w/ 106 jts 2-3/8" tbg. EOT @ 5250'. SWI & SDFW.

========== Riverbend Unit 07-21F ==========

5/17/2010 Bd well. Ppd dwn csg w/20 bbls TFW & KW. Contd TOH w/ 161 jts 2-3/8" tbg, 2-3/8" SN, 5-1/2" csg scr & 4-3/4" bit. TIH w/ 2-3/8" mule shoe col, 2-3/8" SN & 267 jts 2-3/8" 4.7#, J-55, EUE, 8rd tbg. EOT @ 8135'. RU & RIH w/ XTO 1.901 tbg broach to SN. No ti spots. POH & LD broach. Drop SV & PT tbg to 1000 psig w/18 bbls TFW, 5". Tstd ok. RU & RIH w/ fishing tl on sd ln. Att to retrv SV w/ success. POH & LD fishing tl & SV. ND BOP & NU WH. Fin equ run: 2-3/8" mule shoe col, 2-3/8" SN & 267 jts 2-3/8" 4.7#, J-55, EUE, 8rd tbg. SN @ 8134', EOT @ 8135'. SWI & SDFN.

========== Riverbend Unit 07-21F ==========

5/18/2010 RU & RIH w/ swb tls. BFL @ 6100' FS. S, 0 BO, 51 BLW, 17 runs, 8 hrs. Smpl taken. Blk gas cut wtr, ltl solids (sd & sc flake's), tr of O. FFL @ 6600' FS. SICP 325 psig. Did not drop BHBS. SWI & SDFN. RDMO Temples WS rig #1. Turn well over to prod dept & SWU.

========== Riverbend Unit 07-21F ==========

5/19/2010 MIRU D&S Swabbing SWU. SN @ 8,134'. RU & RIH w/swb tls. BFL @ 7,000' FS, 0 BO, 36 BW, 12 runs, 8 hrs, FFL @ 7,500 FS. SWI. SDFN.

========== Riverbend Unit 07-21F ==========

5/20/2010 D&S Swabbing SWU. SN @ 8,134'. RU & RIH w/swb tls. BFL @ 7,200' FS, 0 BO, 36 BW, 18 runs, 10 hrs, FFL @ 7,500 FS. Drpd PCS BHBS w/SV & PCS 2LP plngr. SWI. SDFN.

========== Riverbend Unit 07-21F ==========

5/21/2010 D&S Swabbing SWU. SN @ 8,134'. RU & RIH w/swb tls. BFL @ 7,000' FS, 0 BO, 40 BW, 20 runs, 10 hrs, FFL @ 7,800 FS. SWQI SDFW.

========== Riverbend Unit 07-21F ==========

5/24/2010 D&S Swabbing SWU. SN @ 8,134'. RU & RIH w/swb tls. BFL @ 7,700' FS, 0 BO, 0 BW, 5 runs, 2.5 hrs, FFL @ 7,900 FS. SWI. RDMO D&S Swabbing SWU.

========== Riverbend Unit 07-21F ==========

6/7/2010 MIRU D&S Swabbing SWU. SN @ 8,134'. RU & RIH w/swb tls. BFL @ 7,200' FS, 0 BO, 2 BW, 5 runs, 3 hrs, FFL @ 8,000 FS. SWI. RDMO D&S Swabbing SWU.

========== Riverbend Unit 07-21F ==========

6/8/2010 MIRU FracTech Services. SN @ 8,143'. NU to tbg. PT line, gd tst. Pmp 250 gal 15% HCL acid w/additives, & pmp 50 bbl 2% kcl flush. ND from tbg. RDMO FracTech Services. SWI. Suspend rprt pending swab.



RECEIVED June 22, 2010

========== Riverbend Unit 07-21F ==========

6/9/2010 MIRU D&S Swabbing SWU. SN @ 8,134'. RU & RIH w/swb tls. BFL @ 6,700' FS, 0 BO, 10 BW, 5 runs, 3 hrs, FFL @ 6,800 FS. SWI. SDFN.

========== Riverbend Unit 07-21F ==========

6/16/2010 D&S Swabbing SWU. SN @ 8,134'. RU & RIH w/swb tls. BFL @ 6,800' FS, 0 BO, 11 BW, 11 runs, 5.5 hrs, FFL @ 7,300 FS. SWI. RDMO D&S Swabbing SWU.

========== Riverbend Unit 07-21F ==========

6/18/2010 MIRU D&S Swabbing SWU. Bd tbg. RU & RIH w/swb tls. SN @ 8,199'. BFL @ 6,800' FS. 0 BO, 7 BW. 7 runs, 7 hrs. KO well flwg. FFL @ 7,200' FS. SITP 210 psig, SICP 240 psig. Well died off after 1 run. SWI, SDFW.

========== Riverbend Unit 07-21F ==========

6/21/2010 D&S Swabbing SWU. Bd tbg. RU & RIH w/swb tls. SN @ 8,199'. BFL @ 7,100' FS, 0 BO, 28 BW, 14 runs, 8 hrs, FFL @ 7,500' FS. SITP 210 psig, SICP 265 psig. RWTP @ 4:00p.m., 6/21/10. RDMO D&S Swabbing SWU. Final rpt. Start test data.



RECEIVED June 22, 2010