

United States Department of the Interior

GEOLOGICAL SURVEY
Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

February 2, 1981

General Outline for the Protection and Isolation of Ground Water and Oil Shale in the Uinta Basin.

The oil shale occurs with varying thicknesses in most parts of the Uinta Basin and at varying depths. Ground water also occurs at varied depths above and below the Oil Shale. These ground waters have varying degrees of salinity. Nonetheless, drilling for hydrocarbon in the Uinta Basin should provide for the protection of the oil shale and the ground water if either is present.

The protection of the oil shale and the ground water can effectively be carried on through the design of an adequate casing and cementing program for each well drilled in the area.

In the Uinta Basin, water occurs mainly in the Uinta and the Green River formations. As drilling for hydrocarbon gets deeper into the crust of the earth, more ground water might be encountered and will be protected as it is encountered.

This notice's purpose is to attempt to lay the groundwork for a casing program and cementing program that will protect the oil shale and the ground water if present.

These programs are to be considered as guidelines. The specificity of casing depth, amount of cement and the depth of staging collars will be considered on an individual basis after a careful study of the logs of each individual well. Cementing from the bottom up is an economical solution if carefully conducted.

The casing and cementing program presented here as an example, will assume that fresh water was encountered in the upper parts of the Green River, that the oil shale occurs in the middle of the Green River (1000 foot section) and that some ground water is encountered in the lower parts of the Green River.

In this case, three areas will have to be cemented to assure the integrity of the ground water and oil shale: These areas are above the upper fresh water, across the oil shale and below the lower water aquifer. Deep aquifers that do not contain useful water are cemented to prevent water zone influence on production.

The following casing and cementing program will be appropriate for this example:

- A. Surface casing is set at approximately 300 feet and cemented to the surface.

C T CORPORATION SYSTEM



Associated with The Corporation Trust Company
REPUBLIC NATIONAL BANK BUILDING DALLAS, TEX. 75201 • (214) 748-4937
MAILING ADDRESS: P.O. BOX 807, DALLAS, TEX. 75221

November 21, 1983

RE: ALTA ENERGY CORPORATION (Texas Domestic)
d/b/a ALTE CORPORATION

Mr. Tony Plake, Attorney
Turner, Hitchins, McInerney, Webb,
Hartnett & Strother
17 th Floor, Mercantile Bank Building
Dallas, Texas 75202

Dear Mr. Plake:

The above company qualified in the State of Utah
on November 14, 1983. Evidence of this filing will
follow in due course.

We thank you for this opportunity to serve you.

Yours very truly,

C T CORPORATION SYSTEM

A handwritten signature in cursive script that reads "Betty Crenshaw".

Betty Crenshaw
Service Representative

BC:aw

OPERATOR ALTA ENERGY CORP.

DATE 12-20-83

WELL NAME GETTY 12-1

SEC NW 1/4 12 T 9S R 16E COUNTY DUCHESNE

43-013-30889

API NUMBER

FLD

TYPE OF LEASE

POSTING CHECK OFF:

INDEX

MAP

HL

NID

PI

PROCESSING COMMENTS:

NEW OPERATOR

NO GAS WELLS WITHIN 4960'

NO OIL WELLS WITHIN 1000'

WATER FROM JOE SHIELDS

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

DATE: 12-20-83

BY: [Signature]

CHIEF PETROLEUM ENGINEER REVIEW:

12/20/83

APPROVAL LETTER:

SPACING:

A-3

UNIT

c-3-a

CAUSE NO. & DATE

c-3-b

c-3-c

SPECIAL LANGUAGE:

- RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.
- AUTHENTICATE LEASE AND OPERATOR INFORMATION
- VERIFY ADEQUATE AND PROPER BONDING
- AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.
- APPLY SPACING CONSIDERATION

ORDER NO

UNIT NO

c-3-b

c-3-c

BY: _____
 DATE: _____
 OIL, GAS, AND MINING
 DIVISION OF
 APPROVED BY THE STATE

- CHECK DISTANCE TO NEAREST WELL.
- CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.
- IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER
- IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.
- VERIFY LEGAL AND SUFFICIENT DRILLING WATER

December 20, 1983

Alta Energy Corp.
900 Heritage Center
500 North Lorraine
Midland, TX 79701

RE: Well No. Getty #12-1
NW NE, Sec. 12, T. 9S, R. 16E.
501' FNL, 2012' FEL
Duchesne County, Utah

Gentlemen:

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

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

RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

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

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

The API number assigned to this well is 43-013-30889.

Sincerely,

~~Norman C. Stout~~
Administrative Assistant

NCS/cj

Enclosure: Form OGC-8-X

DEC 15 1983

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

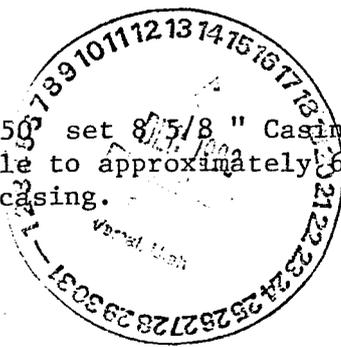
1. TYPE OF WORK: DRILL [X] DEEPEN [] PLUG BACK []
b. TYPE OF WELL: OIL WELL [X] GAS WELL [X] OTHER [] SINGLE ZONE [] MULTIPLE ZONE [X]
2. NAME OF OPERATOR: ALTA ENERGY CORP. (TEXAS DOMESTIC) D-B-A ALTE CORP.
3. ADDRESS OF OPERATOR: 900 Heritage Center 500 North Lorraine Midland, TX 79701
4. LOCATION OF WELL: 501' FNL. 2012' FEL. Section 12, T9S, R16E, S.L.M.
14. DISTANCE IN MILES: 15.4 Miles South of Myton, Utah.
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.: 501'
16. NO. OF ACRES IN LEASE: 551.16
17. NO. OF ACRES ASSIGNED TO THIS WELL: 80
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: N/A
19. PROPOSED DEPTH: 6200'
20. ROTARY OR CABLE TOOLS: ROTARY
21. ELEVATIONS: 5412' GR.
22. APPROX. DATE WORK WILL START: A.S.A.P.

5. LEASE DESIGNATION AND SERIAL NO.: U-44426
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME: Getty
9. WELL NO.: 12-1
10. FIELD AND POOL, OR WILDCAT: Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 12, T9S, R16E, S.L.M.
12. COUNTY OR PARISH: Duchesne
13. STATE: Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Row 1: 12 1/4", 8 5/8", 24 #K-55, 250', Circulate to surface. Row 2: 7 7/8", 5 1/2", 15.5 #K-55, T.D. 6200', Cement will be two staged. Placement of D.V. Tool and quantity of cement will be determined by electrical logs to protect oil shale and fresh waters.

Drill 12 1/4 " hole to approximately 250' set 8 5/8 " Casing, set up BOP as required and pressure test. Drill 7 7/8 " hole to approximately 6200' if production is found feasible set 5 1/2 " production casing.



RECEIVED DEC 20 1983

DIVISION OF OIL, GAS & MINING

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

24. SIGNED: [Signature] TITLE: AGENT DATE: 12/12/83

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE
APPROVED BY: [Signature] TITLE: DISTRICT MANAGER DATE: 12-28-83
CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

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

State Oil Gas & Mining

CORP.
A ALTE CORP.
2-1
LOCATION

MAP "B"

2000'

LOCATION
Improved road fair or dry
other

LOCATION

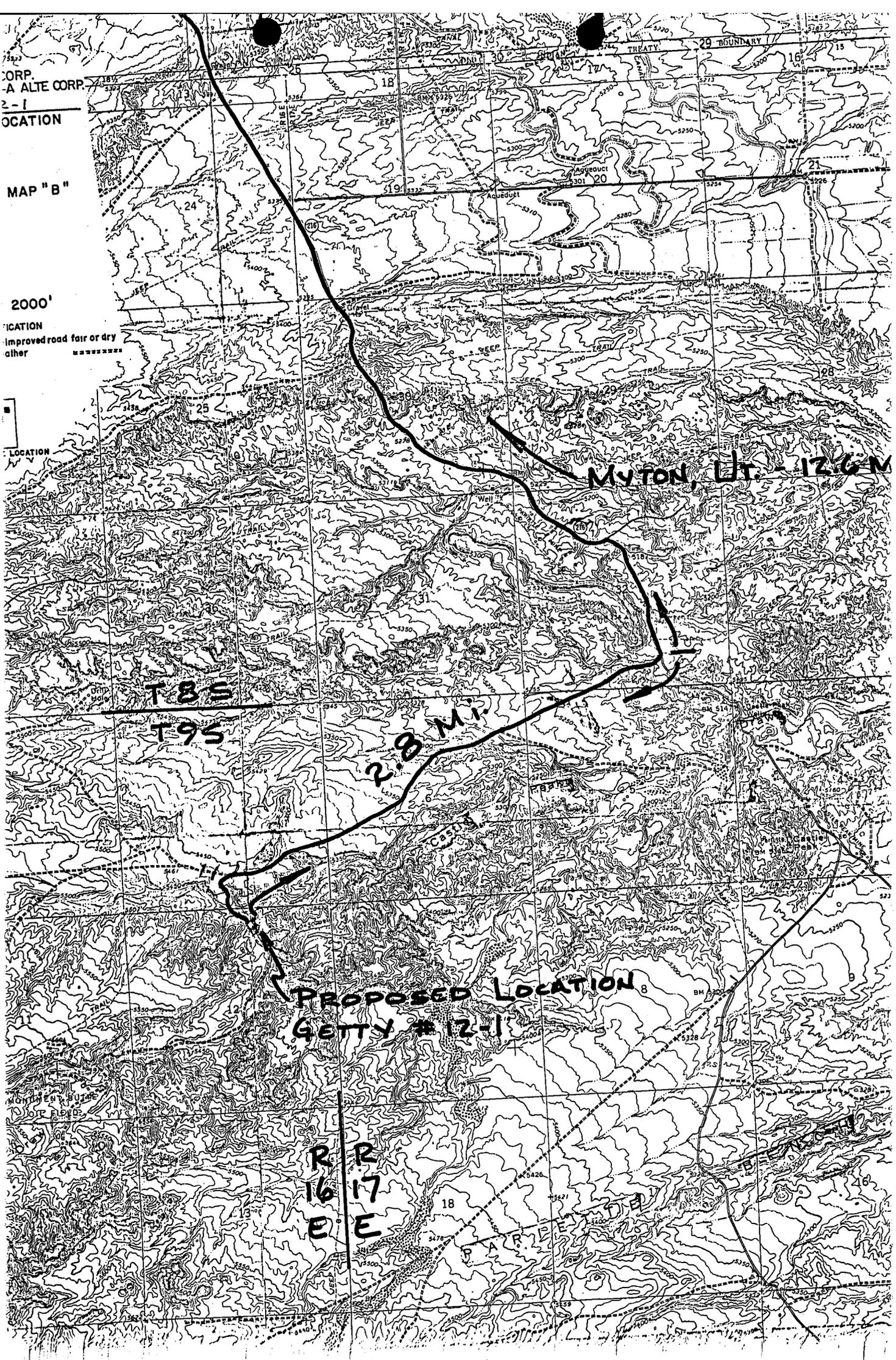
Myton, Ut. - 12.6 M

T8E
T9S

2.8 MI

PROPOSED LOCATION
GETTY # 12-1

R R
16 17
E E



PHILIP W.



UTAH, COLORADO,
WYOMING, IDAHO

(801) 789-3647

Water Use Agreement

between

Water Right Owner JOE SHIELDS & ALTE ENERGY CORP..

for

WELL# GETTY 12-1

Intended Water Service.; PHILIP W.MARTIN WATER SERVICE

WATER to be bought from JOE SHIELDS for \$1000⁰⁰ per ^{well} ~~acre~~
 and hauled by MARTIN WATER SERV.. to ALTE CORP. well
 located at SEC. 12, T9S, R1E, S.L.M.

Water is to be bought from SHIELDS and paid for by ALTE CORP..

Derk Hatch
 DERK HATCH
 MARTIN WATER SERV

Joseph Shields
 JOSEPH SHIELDS
 & or SONS
 WATER RIGHT HOLDERS

this letter & agreement is for state of Utah approval
for water rights agreement between the two parties
mentioned above.

DEC 15 1983

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

TYPE OF WELL VERTICAL, UTAH DRILL [X] DEEPEN [] PLUG BACK []

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

2. NAME OF OPERATOR ALTA ENERGY CORP. (TEXAS DOMESTIC) D-B-A ALTE CORP.

3. ADDRESS OF OPERATOR 900 Heritage Center 500 North Lorraine Midland, TX 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 501' FNL. 2012' FEL. Section 12, T9S, R16E, S.L.M. At proposed prod. zone Wasatch

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 15.4 Miles South of Myton, Utah.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 501'

16. NO. OF ACRES IN LEASE 551.16

17. NO. OF ACRES ASSIGNED TO THIS WELL 80

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. N/A

19. PROPOSED DEPTH 6200'

20. ROTARY OR CABLE TOOLS ROTARY

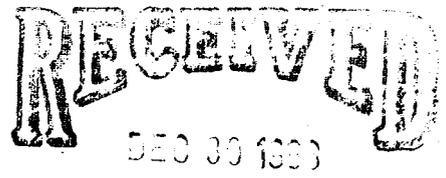
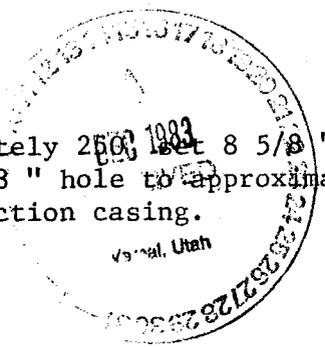
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5412' GR.

22. APPROX. DATE WORK WILL START* A.S.A.P.

23. PROPOSED CASING AND CEMENTING PROGRAM

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Includes details for 12 1/2" and 7 7/8" holes.

Drill 12 1/2" hole to approximately 2500' set 8 5/8" casing, set up BOP as required and pressure test. Drill 7 7/8" hole to approximately 6200' if production is found feasible set 5 1/2" production casing.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present production zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measurements. Give blowout preventer program, if any.

24. SIGNER [Signature] TITLE [Signature] DATE 12/12/83

PERMIT NO. APPROVED BY [Signature] TITLE Associate DISTRICT MANAGER DATE 12-28-83

NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

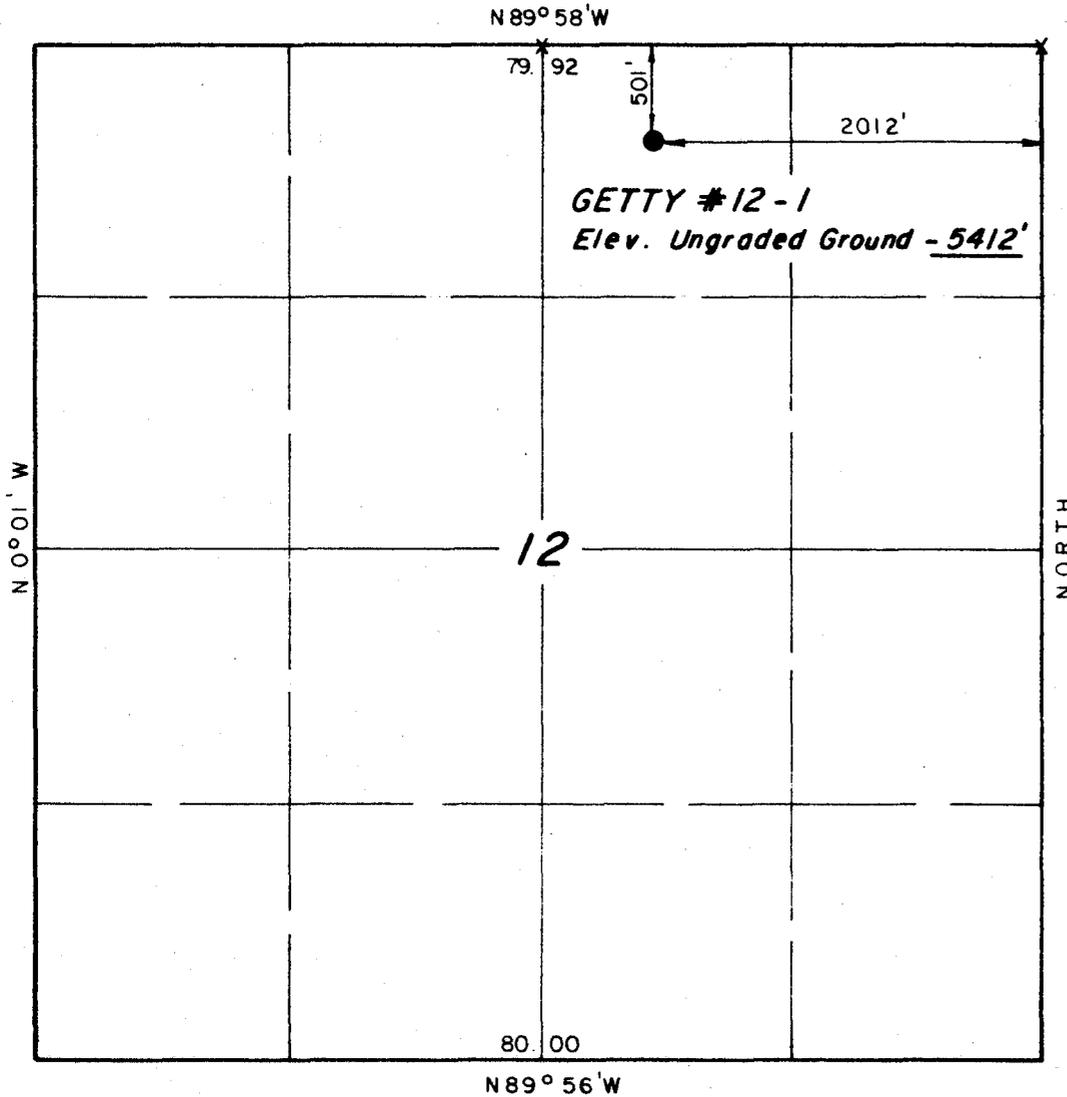
Operator [Signature]

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

T 9 S , R 16 E , S. L. B. & M.

PROJECT
ALTA ENERGY CORP.
(TEXAS DOMESTIC) D-B-A ALTE CORP.

Well location, *GETTY #12-1*, located as shown in the NW 1/4 NE 1/4 Section 12, T9S, R16E, S.L.B. & M. Duchesne County, Utah.



CERTIFICATE

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

[Signature]
 REGISTERED LAND SURVEYOR
 REGISTRATION NO 2454
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING P O. BOX Q - 85 SOUTH - 200 EAST VERNAL, UTAH - 84078			
SCALE	1" = 1000'	DATE	12/9/83
PARTY	DA RT GS RP	REFERENCES	GLO Plat
WEATHER	Cold / Clear	FILE	ALTE CORP.

X = Section Corners Located

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Alta Energy Corporation Well No. 12-1
Location Sec. 12 T 9S R 16E Lease No. U-44426
Onsite Inspection Date December 22, 1983

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.
2. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 15 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).
3. Anticipated Starting Dates and Notifications of Operations:

Location construction: December 27

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 9-329 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, directly with Royalty Management Accounting Center, Minerals

Management Service, P. O. Box 2859, Casper, Wyoming 82602, and a copy forwarded to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than the first business day following the date on which the well is placed on production.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

4. Location of Tank and Batteries and Production Facilities:

All permanent (on site for six months or longer) structures constructed or installed (including the pumpjacks) will be painted a flat, non-reflective, earthtone color to match the standard environmental colors, as determined by the Rocky Mountain 5 State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1½ times the storage capacity of the battery.

Tank batteries will be placed on the southeast corner of the location.

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and anchored securely to prevent undesirable vibrations on the meter. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

5. Location and Type of Water Supply:

All water needed for drilling purposes will be obtained from Joe Shields from Martin Water Service.

6. Source of Construction Material:

Road surfacing and pad construction material will be obtained from: None needed.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

Construction material will be located on lease.

7. Methods of Handling Waste Disposal:

The reserve pit will be lined with a plastic liner.

Burning will not be allowed. All trash must be contained and disposed of by trash cage.

Produced waste water will be confined to the reserve pit for a period not to exceed 90 days after initial production. During the 90 day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order.

8. Ancillary Facilities:

Camp facilities will not be required.

9. Well Site Layout:

The reserve pit will be located on the northeast corner of the location.

The stockpiled topsoil will be stored on the south edge of the pit.

Access to the well pad will be from the west edge of the location.

The trash cage will be located on location.

Reserve pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire.

10. Plans for Restoration of Surface:

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

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed.

All disturbed areas will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the disturbed areas.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a narrow or some other implement will be dragged over the seeded area to assure seed coverage.

The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed.

11. Surface and Mineral Ownership:

Federal Mineral and Surface.

12. Other Information:

Location of existing road will be reroaded west and left open for access through the location.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.2.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.

- B. The next casing string will be set at approximately 300 feet below the lowest aquifer. Cementing will be done in three stages, using two stage collars and cement baskets or equivalent as described below and on attached sketches:
1. Cement first stage through the casing shoe to fill annulus back to base of lower aquifer.
 2. Place 1st stage collar (with cement basket immediately below) at a selected point at the base of the oil shale. Cement will have to reach top of oil shale.
 3. Place 2nd stage collar (with cement basket immediately below) 50 feet above the top of the Bird's Nest aquifer and cement to at least 300 feet above the stage collar.
- C. The above is an example. Reasonable equivalents that accomplish these same protective measures, (such as cementing the water zones instead of isolating them), depending on the individual cases will be considered for approval.
- D. When the above mentioned well is to be abandoned, inner-casing plugs will have to be placed at the same depth as the above mentioned annulus cement jobs.

The use of cement bond logs will verify the authenticity of the cement job performed.

- E. The Operator of such well should notify U.S.G.S. 48 hours prior to commencement of casing and cementing activity, so a technician could be dispatched to witness the operations to verify compliance with casing and cementing program.

Attached Sketches:

1. Schematic of the required casing and cementing program.
2. Cross section of the Uinta Basin.
3. Schematic of the general ground water protection program.

AMR/kr

PARTIAL CASING & CEMENTING PROGRAM FOR WELLS
 NATURAL BUTTES FIELD. HINTAH COUNTY, UTAH

NO SCALE

Uinta formation.

BIRDS NEST AQUIFER
 HORSEBENCH SANDSTONE

GREEN RIVER

OIL SHALE ZONE

DOUGLAS CREEK
 AQUIFER

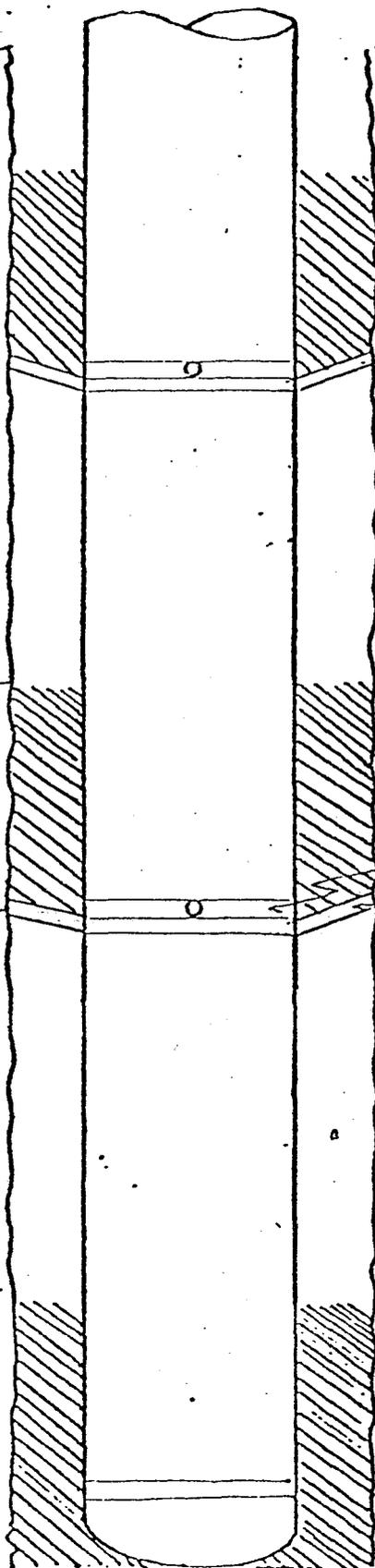
LIMESTONE & SANDSTONE

CEMENT BASKET IS PLAC
 50' ABOVE TOP AQUIFER
 CEMENT TO RISE A
 LEAST 300' IN ANNUL.

STAGE COLLAR
 CEMENT BASKET.

CEMENT BASKET IS SET
 CONSOLIDATED SECTION AT THE
 BASE OF THE OIL SHALE ZONE
 CEMENT TO REACH THE TO
 OF THE MAHOGANY ZONE

CEMENT WILL REACH BA
 OF LOWER AQUIFER



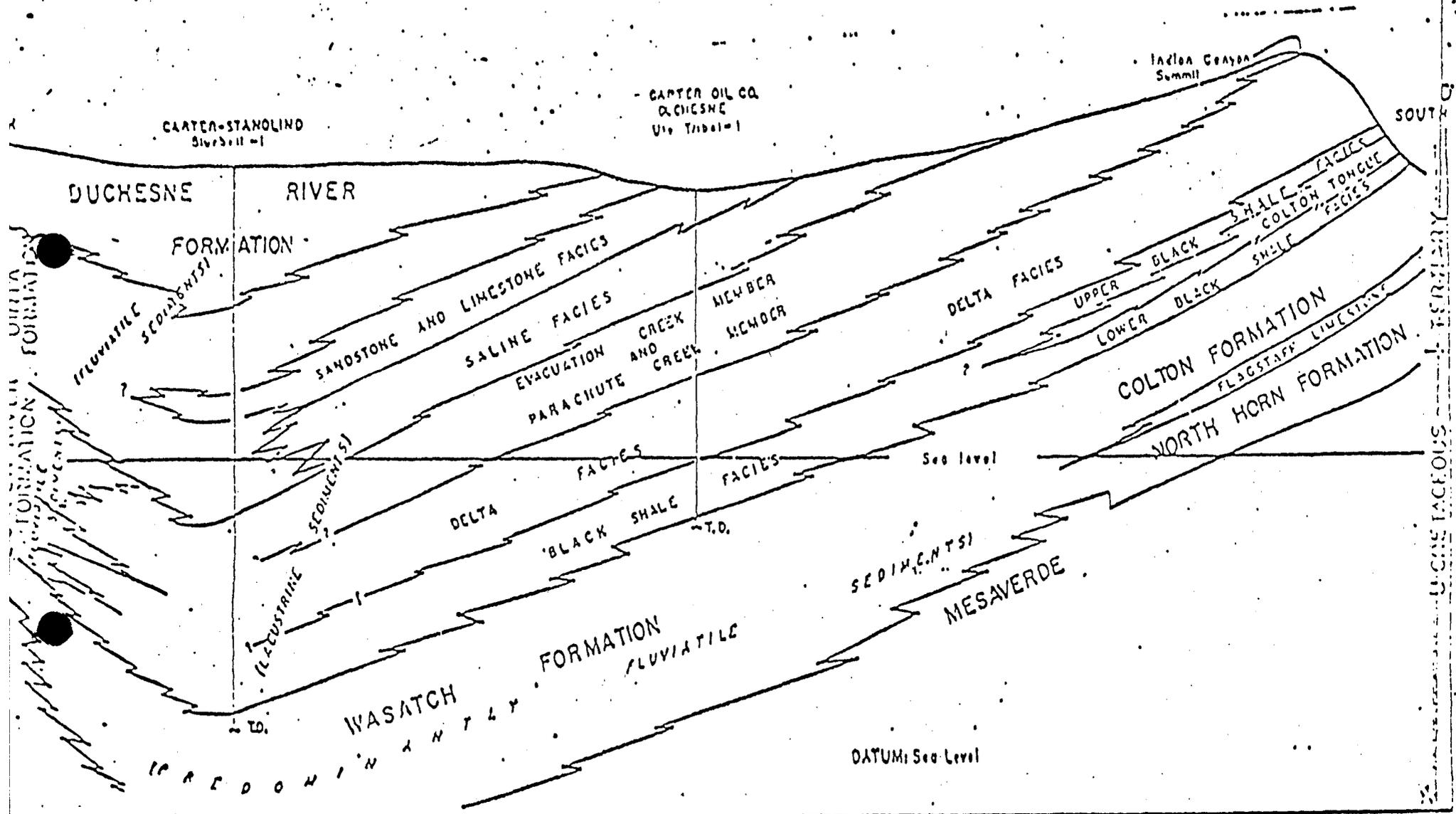


Figure 5.- View east of cross section of Uinta Basin showing stratigraphy and intertonguing of Tertiary rocks. Ute Tribal-1 (in section) is located about 8 miles southeast of the application area.

ALTA ENERGY CORP.
(TEXAS DOMESTIC) D-B-A ALTE CORP.

13 Point Surface Use Plan

For

Well Location

Getty #12-1

Located In

Section 12, T9S, R16E, S.L.B. & M.

Duchesne County, Utah

ALTA ENERGY CORP.
(TEXAS DOMESTIC) D-B-A ALTE CORP.
Getty #12-1
Section 12, T9S, R16E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach ALTA ENERGY CORP. (TEXAS DOMESTIC) D-B-A ALTE CORP. well location site Getty #12-1 located in the NW 1/4 NE 1/4 Section 12, T9S, R16E, S.L.B. & M., Duchesne County, Utah:

Proceed Westerly out of Myton, Utah along U.S. Highway 40 - 1.6 miles + to the Junction of this Highway and Utah State Highway 53; proceed Southerly along Utah State Highway 53 - 1.6 miles to its junction with Utah State Highway 216; proceed Southerly along State Highway 216 - 9.5 miles to its junction with an existing dirt road to the Southwest; proceed Southwesterly along this road 2.8 miles + to its junction with the proposed location site.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to a point where Highway 216 exists to the South; thereafter the road is constructed with existing materials and gravels. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

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

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

2. PLANNED ACCESS ROAD

See Topographic Map "B".

There will be no planned access road required as the existing roads described in Item #1 go directly to the proposed locaiton site.

3. LOCATION OF EXISTING WELLS

There are numerous wells within a one mile radius of this location site. (See Topographic Map "B").

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There are no known existing ALTA ENERGY CORP. (TEXAS DOMESTIC) D-B-A ALTE CORP. wells within a one mile radius of this location site.

A tank battery site will be set up at the proposed location site. This battery will be used to contain production from this well. If in the event this battery can not be improvised, a flowline will be built which will extend to an existing battery in the area.

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

5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "B".

At the present time, it is anticipated that the water for this well will be hauled by truck over the existing roads and the proposed access roads and the proposed access road approximately 15.2 miles from the Duchesne River at a point where it crosses under U.S. Highway 40.

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

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

6. SOURCE OF CONSTRUCTION MATERIALS

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

7. METHOD OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

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

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

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

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

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

backfilling and other reclamation activities are attempted.

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

A portable chemical toilet will be provided 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.

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 too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

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

10. PLANS FOR RESTORATION OF SURFACE

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

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

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

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

ALTA ENERGY CORP.
(TEXAS DOMESTIC) D-B-A ALTE CORP.
Getty #12-1
Section 12, T9S, R16E, S.L.B. & M.

11. OTHER INFORMATION

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

The area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The Green River is located approximately 19 miles to the Southeast of the location site.

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

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

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

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

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

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

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

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

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

Getty #12-1 is located approximately 900' North of Castle Peak Draw a non-perennial drainage which runs to the North & East.

The terrain in the vicinity of the location slopes from the Northeast to the Southwest at approximately 8% grade.

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

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

ALTA ENERGY CO.
(TEXAS DOMESTIC) D-B-A ALTE CORP.
Getty #12-1
Section 12, T9S, R16E, S.L.B. & M.

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

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Earl Staley
164 North 850 West
Vernal, Utah 84078
1-800-789-5390

13. CERTIFICATION

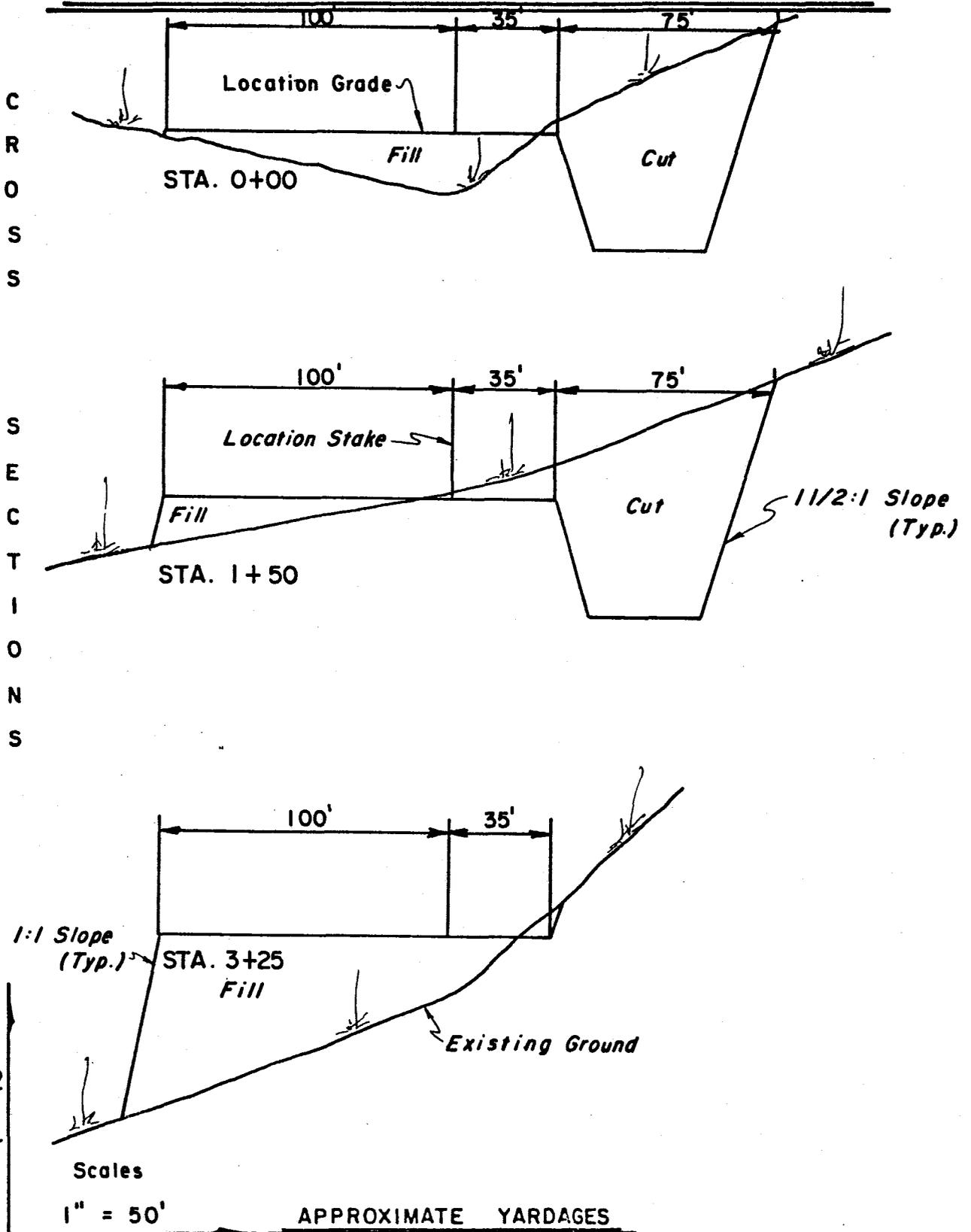
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with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

DEC 12, 1983
Date

Earl Staley
Earl Staley

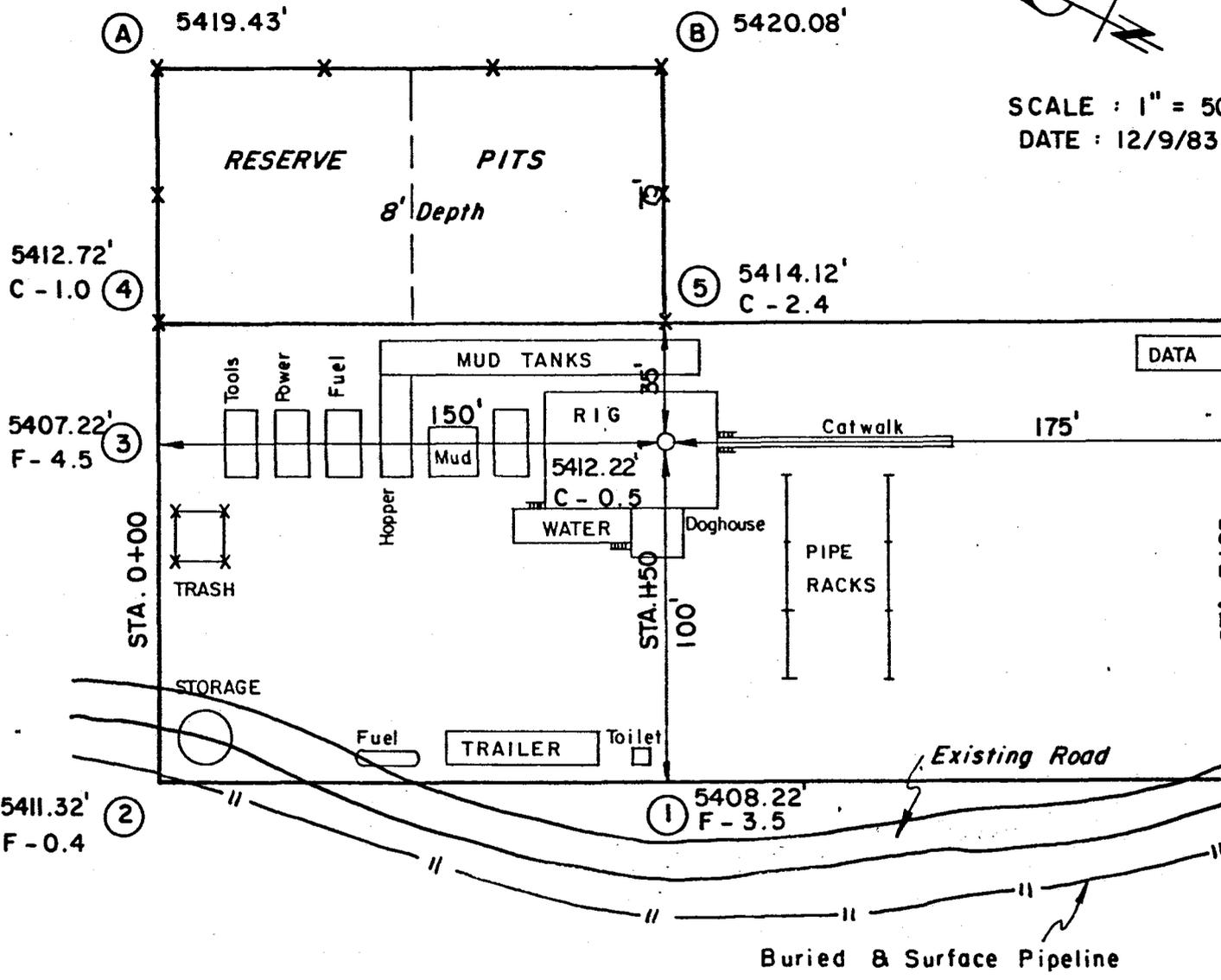
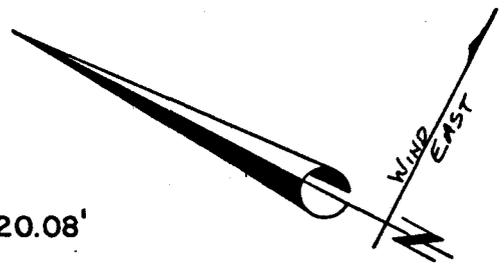
ALTA ENERGY CORP.
 (TEXAS DOMESTIC) D-B-A ALTE CORP.

GETTY # 12 - 1



Cubic Yards Cut -

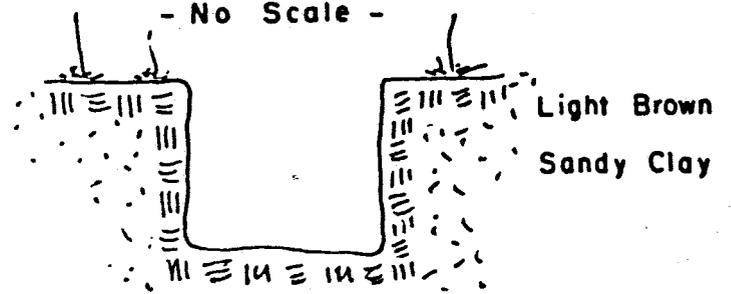
Cubic Yards Fill -



SCALE : 1" = 50'
 DATE : 12/9/83

SOILS LITHOLOGY

- No Scale -



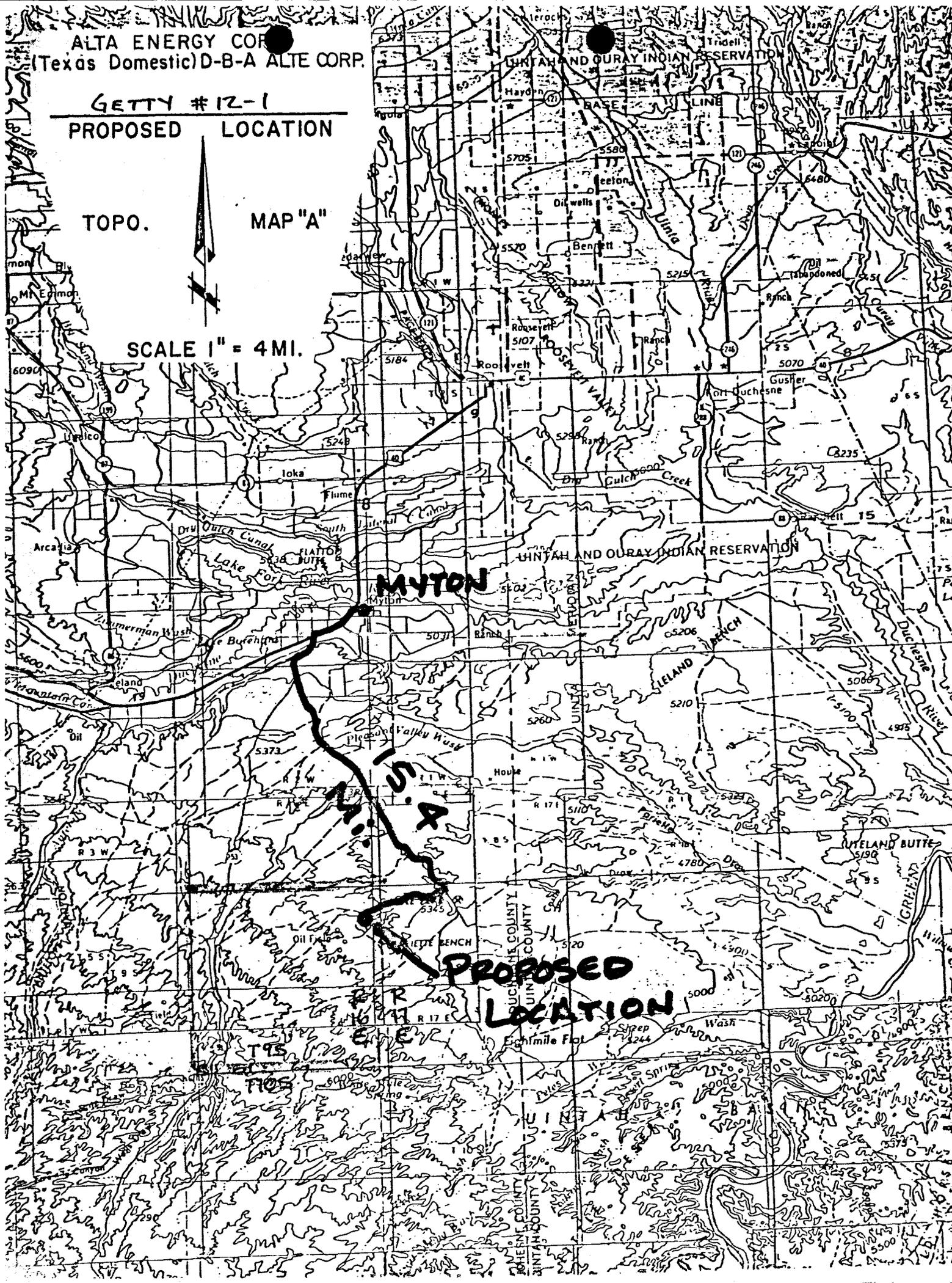
ALTA ENERGY CORP.
(Texas Domestic) D-B-A ALTE CORP.

GETTY #12-1
PROPOSED LOCATION

TOPO.

MAP "A"

SCALE 1" = 4 MI.



MYTON

U.S.A.

PROPOSED
LOCATION

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Vernal, Utah
SERIAL No.: U-44426

and hereby designates

NAME: Alta Energy Corporation
ADDRESS: 900 Heritage Center, 500 North Loraine, Midland, TX 79701

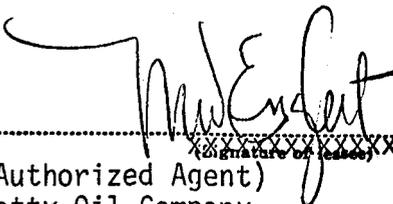
as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 9 South, Range 16 East
Section 12: N/2 NE/4
Duchesne County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.



.....
(Authorized Agent)
Getty Oil Company
1515 Arapahoe Street
.....
Three Park Central #700
.....
Denver, CO 80202

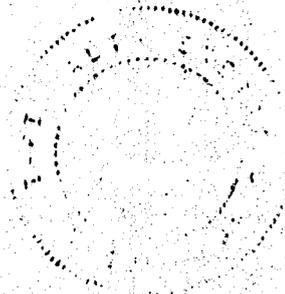
December 6, 1983

.....
(Date)

CERTIFIED COPY
CORPORATE RESOLUTION

I, KATHRYN K. PRICE, Secretary of ALTA ENERGY CORPORATION (TEXAS DIVISION) dba ALTE CORPORATION, hereby certify that the following is a true and correct copy of a resolution duly adopted by the Board of Directors on December 2, 1983:

RESOLVED that the Company hereby authorizes EARL STALEY, Agent of the Company, to execute applications or other documents deemed necessary to obtain permits, rights-of-way and otherwise conduct oil/gas drilling operations in the State of Utah with the Bureau of Land Management, U. S. G. S. and the State of Utah; and to act on behalf of and bind the corporation in all matters regarding said documents, under qualification No. U-44426.


Kathryn K. Price
Kathryn K. Price, Secretary

Seal

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

BOND OF OIL AND GAS LESSEE

Act of February 25, 1920 (41 Stat. 437), as amended;
Act of August 7, 1947 (61 Stat. 913), as amended

Department of the Interior Appropriations Act, Fiscal Year 1981 (P.L. 96-514)

Bond Number

4513365

Serial Number

KNOW ALL MEN BY THESE PRESENTS, That we, **Alta Energy Corporation (Texas Division)**
DBA Alte Corporation

, as principal,

and **Hartford Casualty Insurance Company**, as surety, are

held and firmly bound unto the United States of America in the sum of **Ten Thousand**
dollars (\$ **10,000.00**) lawful money of the United States, for the use and benefit of (1) the United States; and
(2) any entryman, patentee, or surface owner of any portion of the lands covered by the lease bearing the above serial
number who is entitled by law to compensation in connection with a reservation of the oil and gas deposits to the
United States, for which payment, well and truly to be made, we, by these present bind ourselves, and each of us, and
each of our heirs, executors, administrators, successors, and assigns, jointly and severally, upon the following
conditions, viz:

The conditions of this obligation are such that, whereas
the said principal has been granted the lease above
referred to, upon the lands described therein and upon
conditions therein expressed; and

WHEREAS, the surety waives any right to notice of, and
agrees that this bond shall remain in full force and
effect, notwithstanding:

1. Any assignment or assignments of an undivided
interest in any part or all of the lands in the lease, in
which event the assignee or assignees shall be consid-
ered to be coprincipal or coprincipals on this bond as
fully and to the same extent as though his or their duly
authenticated signatures appeared thereon.
2. Any assignment of some of the lands described
in the lease, the bond to remain in full force and effect
only as to the lands retained in the lease.
3. Any extension of the lease term, any modi-
fication of the lease, or obligations thereunder, whether

made or effected by commitment of the lease to any
unit, cooperative, communitization or storage agreement,
or development contract, suspension of operations or
production, waiver, suspension or change in rental,
minimum royalty and royalties, compensatory royalty
payments, or otherwise.

NOW, THEREFORE, if the said principal, his heirs,
executors, administrators, successors, or assigns shall
fully comply with all of the terms and conditions of said
lease or any extension thereof authorized by law, use
all reasonable precautions to prevent damage to the land,
leave the premises in a safe condition upon the termi-
nation of said lease, and compensate the entryman,
patentee, or surface owner, if any, for damages to the
land as required by law, then this obligation shall be
null and void; otherwise to remain in full force and effect.

Signed on this 8th day of December, 1983, in the presence of:

NAMES AND ADDRESSES OF WITNESSES

Kathleen K. Price, Secretary
(Signature)

500 N. Loraine, Suite 900
(Address)
Midland, TX 79701

(Signature)

(Address)

(Signature)

(Address)

(Signature)

(Address)

A. P. [Signature]
(Signature of Principal) [L.S.]

500 N. [Address]
(Business Address)

(Signature of Surety) [L.S.]

Hartford Plaza, Hartford, Connecticut 06115

(Business Address)

By

(Address of Surety's Agent)

HARTFORD ACCIDENT AND INDEMNITY COMPANY

Hartford, Connecticut

460007

POWER OF ATTORNEY

Know all men by these Presents, That the HARTFORD ACCIDENT AND INDEMNITY COMPANY, a corporation duly organized under the laws of the State of Connecticut, and having its principal office in the City of Hartford, County of Hartford, State of Connecticut, does hereby make, constitute and appoint

WILLIAM STEPHEN GESELL, WILLIAM M. WALLACE and G. MARGUERITE STACY
of MIDLAND, TEXAS

its true and lawful Attorney(s)-in-Fact, with full power and authority to each of said Attorney(s)-in-Fact, in their separate capacity if more than one is named above, to sign, execute and acknowledge any and all bonds and undertakings and other writings obligatory in the nature thereof on behalf of the company in its business of guaranteeing the fidelity of persons holding places of public or private trust; guaranteeing the performance of contracts other than insurance policies; guaranteeing the performance of insurance contracts where surety bonds are accepted by states and municipalities, and executing or guaranteeing bonds and undertakings required or permitted in all actions or proceedings or by law allowed,

in penalties not exceeding the sum of ONE HUNDRED THOUSAND DOLLARS (\$100,000.00) each,

and to bind the HARTFORD ACCIDENT AND INDEMNITY COMPANY thereby as fully and to the same extent as if such bonds and undertakings and other writings obligatory in the nature thereof were signed by an Executive Officer of the HARTFORD ACCIDENT AND INDEMNITY COMPANY and sealed and attested by one other of such Officers, and hereby ratifies and confirms all that its said Attorney(s)-in-Fact may do in pursuance hereof.

This power of attorney is granted by and under authority of the following provisions:

(1) By-Laws adopted by the Stockholders of the HARTFORD ACCIDENT AND INDEMNITY COMPANY at a meeting duly called and held on the 10th day of February, 1943.

ARTICLE IV

SECTION 8. The President or any Vice-President, acting with any Secretary or Assistant Secretary, shall have power and authority to appoint, for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, one or more Resident Vice-Presidents, Resident Assistant Secretaries and Attorneys-in-Fact and at any time to remove any such Resident Vice-President, Resident Assistant Secretary, or Attorney-in-Fact, and revoke the power and authority given to him.

SECTION 11. Attorneys-in-Fact shall have power and authority, subject to the terms and limitations of the power of attorney issued to them, to execute and deliver on behalf of the Company and to attach the seal of the Company thereto any and all bonds and undertakings, and other writings obligatory in the nature thereof, and any such instrument executed by any such Attorney-in-Fact shall be as binding upon the Company as if signed by an Executive Officer and sealed and attested by one other of such Officers.

(2) Excerpt from the Minutes of a meeting of the Board of Directors of the HARTFORD ACCIDENT AND INDEMNITY COMPANY duly called and held on the 11th day of June, 1976:

RESOLVED, Robert N. H. Sener, Assistant Vice-President and Thomas F. Delaney, Assistant Vice-President, shall each have as long as he holds such office the same power as any Vice-President under Sections 6, 7 and 8 of Article IV of the By-Laws of the Company.

This power of attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Directors of the HARTFORD ACCIDENT AND INDEMNITY COMPANY at a meeting duly called and held on the 6th day of August, 1976.

RESOLVED, That, whereas Robert N. H. Sener, Assistant Vice-President and Thomas F. Delaney, Assistant Vice-President, acting with any Secretary or Assistant Secretary, each have the power and authority, as long as he holds such office, to appoint by a power of attorney, for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, one or more Resident Vice-Presidents, Assistant Secretaries and Attorneys-in-Fact:

Now, therefore, the signatures of such Officers and the seal of the Company may be affixed to any such power of attorney or to any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached.

In Witness Whereof, the HARTFORD ACCIDENT AND INDEMNITY COMPANY has caused these presents to be signed by its Assistant Vice-President, and its corporate seal to be hereto affixed, duly attested by its Secretary, this 9th day of August, 1976.

Attest:

HARTFORD ACCIDENT AND INDEMNITY COMPANY

Mary Scharf
Mary Scharf, Secretary



Thomas F. Delaney
Thomas F. Delaney
Assistant Vice-President

STATE OF CONNECTICUT,)
) ss.
COUNTY OF HARTFORD,)

On this 9th day of August, A.D. 1976, before me personally came Thomas F. Delaney, to me known, who being by me duly sworn, did depose and say: that he resides in the County of Hartford, State of Connecticut; that he is the Assistant Vice-President of the HARTFORD ACCIDENT AND INDEMNITY COMPANY, the corporation described in and which executed the above instrument; that he knows the seal of the said corporation, that the seal affixed to the said instrument is such corporate seal, that it was so affixed by order of the Board of Directors of said corporation and that he signed his name thereto by like order.

STATE OF CONNECTICUT,)
) ss.
COUNTY OF HARTFORD,)



Gloria Mazotas
Gloria Mazotas, Notary Public
My Commission Expires March 31, 1983

CERTIFICATE

I, the undersigned, Assistant Secretary of the HARTFORD ACCIDENT AND INDEMNITY COMPANY, a Connecticut Corporation DO HEREBY CERTIFY that the foregoing and attached POWER OF ATTORNEY remains in full force and has not been revoked; and furthermore, that Article IV, Sections 8 and 11, of the By-Laws of the Company, and the Resolutions of the Board of Directors, set forth in the Power of Attorney, are now in force.

Signed and sealed at the City of Hartford. Dated the _____ day of _____ 19__



John E. Lukens
John E. Lukens
Assistant Secretary

1. GEOLOGICAL NAME OF SURFACE FORMATION

(A) Uintah Formation of Eocene Age

2. TOPS OF IMPORTANT GEOLOGICAL MARKERS

- (A) Oil Shale 1710'
- (B) Horse Bench 2482'
- (C) Base Oil Shale 3281'
- (D) Garden Gulch 3855'
- (E) Douglas Creek 4631'
- (F) Douglas Creek (V) 4874'
- (G) Douglas Creek III 5262'
- (H) Douglas Creek I 5272'
- (I) Upper Black Shale 5443'
- (J) Wasatch Tongue 5701'
- (K) Wasatch Tongue III 5718'
- (L) Wasatch Tongue I 5982'
- (M) Lower Black Shale 6100'
- (N) T.D. 6200'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL OR GAS

(A) Oil anticipated in Garden Gulch Upper Sand, Garden Gulch Lower Sand, Douglas Creek III Sand, Wasatch Tongue Sand.

4. PROPOSED CASING PROGRAM

(A) 250' of 8 5/8" surface casing 32# per foot.
5800' of 5 1/2" 15.5# per foot. (K-55)

5. SPECIFICATION FOR PRESSURE CONTROL EQUIPMENT

- (A) 12 inch 3000# Double Hydraulic B.O.P. with Pipe Rams and Blind Rams and Spherical B.O.P.
- (B) B.O.P. to be pressure tested before spudding and daily testing of closing units and rams while drilling.

6. PROPOSED CIRCULATING MEDIUM

(A) Brine water is proposed to be used unless additional weight is needed to control pressures or heaving shale. In this event a chemical-gel fresh water mud will be used and Barite as needed to control pressure.

7. AUXILIARY EQUIPMENT TO BE USED

- (A) Upper Kelly
- (B) Float at Bit
- (C) Floor T.I.W. Valve (stabbing valve) for drill pipe
- (D) Gas Detector Logging Unit

8. TESTING, LOGGING AND CORING PROGRAM

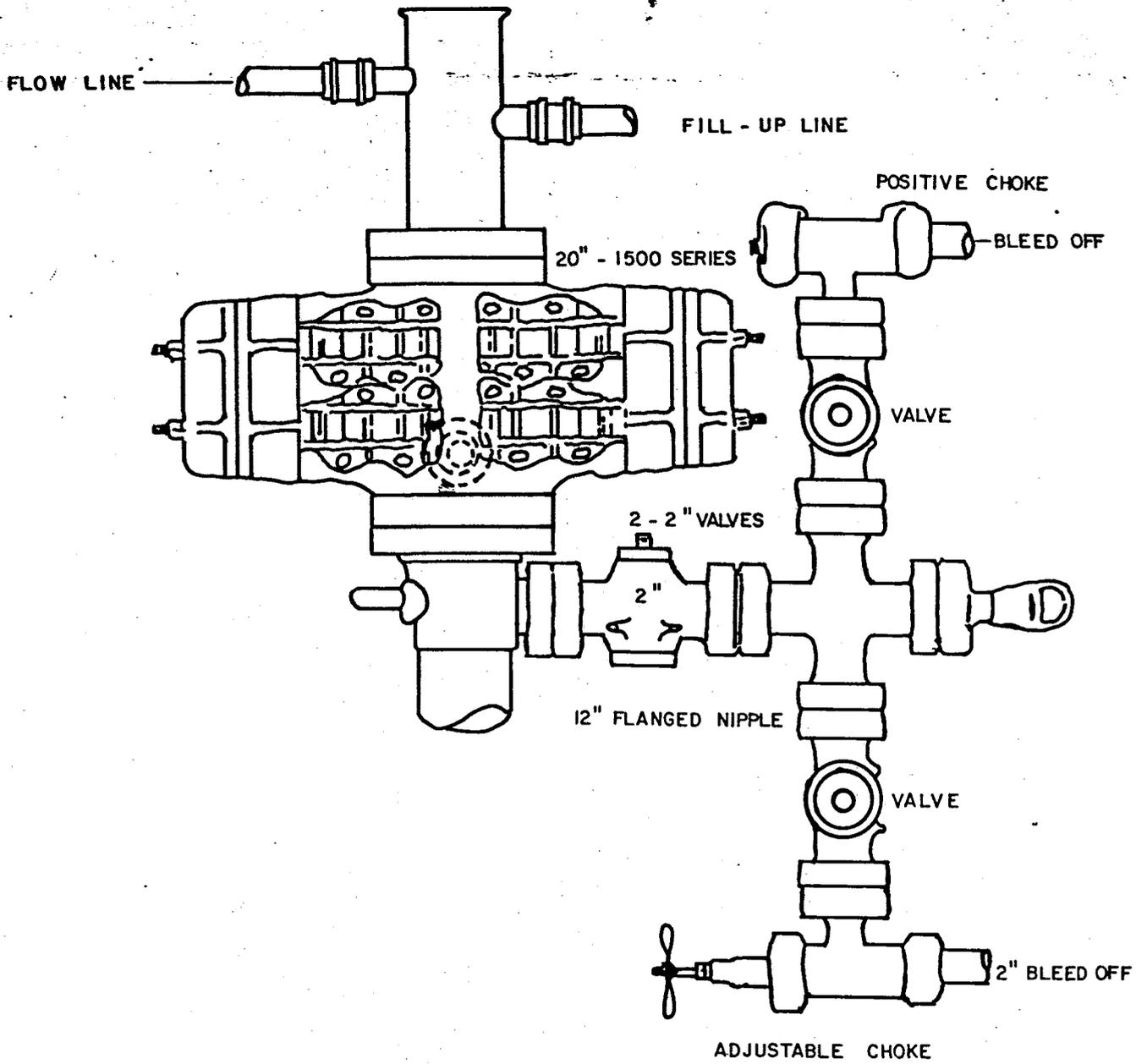
- (A) DIL-SFL Base of surface casing T.D.
- (B) GR-FDC-CNL Base of surface casing T.D.
- (C) Cyberlook - Base of surface casing T.D.
- (D) BHC-Sonic - Base of surface casing T.D.

9. ANTICIPATED ABNORMAL PRESSURES, TEMPERATURES OF HAZARDS

- (A) No abnormal pressures expected
- (B) No hydrogen sulfide gas expected

10. STARTING DATE AND DURATION OF OPERATIONS

- (A) Anticipated starting date as soon as approvals are made.
- (B) This well is anticipated to be drilled in approximately 30 days.



B.O.P. DIAGRAM

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: ALTA ENERGY

WELL NAME: GETTY 12-1

SECTION NWNE 12 TOWNSHIP 9S RANGE 16E COUNTY DUCHESNE

DRILLING CONTRACTOR SHELBY

RIG # 53

SPUDDED: DATE 1-30-84

TIME 11:30 AM

How AIR

DRILLING WILL COMMENCE _____

REPORTED BY Earl Staley

TELEPHONE # (801) 789-5390

DATE 1-30-84 SIGNED GL

APR 30 1984

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

DIVISION OF OIL GAS & MINING

COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO. U-44426

6. IF INDIAN, ALLOTTEE OR TRIBE NAME --

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME Getty

9. WELL NO. 12-1

10. FIELD AND POOL, OR WILDCAT Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 12, T-9-S, R-16-E S.L.M.

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 Alta Energy Corporation (Texas Domestic) dba/ALTE Corp.

3. ADDRESS OF OPERATOR 500 N. Loraine, Suite 900, Midland, TX 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 501' FNL, 2012' FEL
At top prod. interval reported below Same
At total depth Same

14. PERMIT NO. 43-013-30889 DATE ISSUED 12/20/84

12. COUNTY OR PARISH Duchesne 13. STATE Utah

15. DATE SPUDDED 1/30/84 16. DATE T.D. REACHED 2/11/84 17. DATE COMPL. (Ready to prod.) 3/13/84 18. ELEVATIONS (DF, RKB, BT, GR, ETC.)* 5412' GR 19. ELEV. CASINGHEAD Same

20. TOTAL DEPTH, MD & TVD 6200' 21. PLUG, BACK T.D., MD & TVD 6010' 22. IF MULTIPLE COMPL., HOW MANY* -- 23. INTERVALS DRILLED BY ROTARY TOOLS Yes

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* 4399'-5754' Green River 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN CNL/FDC; Oil; GR; SP 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#	240	12-1/4	175 sks Class "H"	
5-1/2	15.5#	6173	8-3/4	1315 sks Total	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-3/8	5754'	--

31. PERFORATION RECORD (Interval, size and number)

4399'-4410'	3 SPF	30 Holes	.43"
5590'-5602'	4 SPF	48 Holes	.43"
5652', 5654', 5655', 5693', 5698', 5706', 5703', 5722', 5725', 5752', 5754'		11 Holes	.48"

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4399'-4410'	50000# Sand; 22000 gals 40 Apollo
5590'-5602'	50000# Sand; 22000 gals 40 Apollo
5652'-5754'	60000# Sand; 25000 gals 40 Apollo

33.* PRODUCTION

DATE FIRST PRODUCTION 3/13/84 PRODUCTION METHOD Pumping WELL STATUS Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
4/17/84	192	2"		480	848	28	1766:1

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)
Pumping	40		60	106	3	33°

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented excess, running pump, heater & tanks off casinghead gas. TEST WITNESSED BY Earl Staley

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 C.R. Daily TITLE Vice-President DATE 4/26/84

*(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 35, below regarding separate reports for separate completions.

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

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

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Douglas Creek	3848' 4644'	4644' 5922'	<p style="text-align: center;"><i>These are Tops</i></p>			

RECEIVED
DIVISION OF OIL
& MINING

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

(FORM 9-329) (2/76) OMB 42-RO 356

MONTHLY REPORT OF OPERATIONS

Lease No. _____ Communitization Agreement No. _____ Field Name Monument Butte Unit Name n/a Participating Area n/a County Duchesne State Utah Operator Alta Energy Corporation [] Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of December, 1983

(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).

Table with 10 columns: Well No., Sec. & 1/4 of 1/4, TWP, RNG, Well Status, Days Prod., *Barrels of Oil, *MCF of Gas, *Barrels of Water, Remarks. Row 1: Getty 12-1 sec. 12 nw ne 9S 16E Bldg. loc. Started bldg. location MAY 18 1984

RECEIVED MAY 8 1984 DIVISION OF OIL GAS & MINING

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

Table with 4 columns: Item, Oil & Condensate (BBLs), Gas (MCF), Water (BBLs). Rows include: *On hand, Start of Month; *Produced; *Sold; *Spilled or Lost; *Flared or Vented; *Used on Lease; *Injected; *Surface Pits; *Other (Identify); *On hand, End of Month.

Authorized Signature: [Signature] Title: Vice President

Address: 500 N. Lorain, Ste. 900 Midland, Page 1 of 1

Lease No. U 11120
Communitization / Agreement No. _____
Field Name movement Butte
Unit Name N/A
Participating Area N/A
County Duchesne State Utah
Operator Alta Energy Corporation
 Amended Report

MONTHLY REPORT
OF
OPERATIONS

The following is a correct report of operations and production (including status of all unplugged wells) for the month of January, 1984
(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 or 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. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
Getty 12-1	sec. 12 NW NE	9S	16E	DRG					<p>MAY 18 1984</p> <p>Spud 1/30/84 11:30 a.m. Rig up Leon A Rig - running</p> <p>RECEIVED</p> <p>MAY 18 1984</p> <p>DIVISION OF OIL GAS & MINING</p>

*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	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Sold	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	_____
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: *C. L. Bandy* Address: 500 North Loraine, #900 Midland, TX
Title: Vice-President Page 1 of 1 79701

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. _____
Communitization Agreement No. _____
Field Name Ant Butte
Unit Name N/A
Participating Area N/A
County Duchesne State Utah
Operator Alta Energy Corporation
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of February, 19 84
(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. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
<u>W-12-1</u>	<u>sec. 12 NW NE</u>	<u>9S</u>	<u>16E</u>	<u>DRG</u>					<p>MAY 18 1984</p> <p>Dr. @ 6200' - ran 5 1/2" pipe Move in completion unit. Frac Green River - Flowing back loc.</p>

RECEIVED
MAY 18 1984
DIVISION OF OIL GAS & MINING

*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	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Sold	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	_____
*Injected	_____	XXXXXXXXXXXXXXXXXXXX	_____
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: [Signature]
Title: Vice-President

Address: 500 North Loraine #900, Midland Tx
Page 1 of 1 79701

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY
 (FORM 9-329)
 (2/76)
 OMB 42-RO 356
 MONTHLY REPORT
 OF
 OPERATIONS

Lease No. _____
 Communitization Agreement No. _____
 Field Name Monument Butte
 Unit Name N/A
 Participating Area N/A
 County Duchesne State Utah
 Operator Alta Energy Corporation
 Amended Report

Following is a correct report of operations and production (including status of all unplugged wells) for the month
March, 1984

(See Reverse of Form for Instructions)

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 for the bond (30 CFR 221.53).

	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
-1	sec. 12 NW NE	9S	16E	Drlg.					MAY 18 1984 Working on various stages of completion

RECEIVED
 MAY 18 1984
 DIVISION OF OIL GAS & MINING

*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	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
Produced	_____	_____	XXXXXXXXXXXXXXXXXXXX
Sold	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
Spilled or Lost	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
Sealed or Vented	_____	_____	XXXXXXXXXXXXXXXXXXXX
Used on Lease	_____	_____	_____
Injected	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
Surface Pits	_____	_____	_____
Other (Identify)	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
On hand, End of Month	_____	_____	XXXXXXXXXXXXXXXXXXXX

API Gravity/BTU Content _____
 Authorized Signature: _____ Address: 500 North Loraine #900, Midland Tx
Vice-President Page 1 of 1 79701

Adequate and sufficient electric/radioactive logs will be run to locate and identify the prime oil shale horizons (and gilsonite or saline minerals) in the Green River formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the oil shale (and gilsonite or saline minerals) resource(s). Surface casing program may require adjustment for protection of fresh water aquifers.
(See attached tentative casing and cementing program for the Uintah Basin.)

The dirt contractor will be provided with an approved copy of the surface use plan.

A cultural resource clearance will be required by the Ute Tribe before any construction begins. If any cultural resources are found during construction, all work will stop and the BIA and BLM will be notified.

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

13. Lessee's or Operators Representative and Certification

Representative

Name: Earl Staley

Address: 164 North 850 West

Phone No. 789-5390

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route, that I am familiar with the conditions which currently 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 and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

12-28-83
Date

Earl Staley Agent
Name and Title

ON-SITE

DATE: December 22, 1983

PARTICIPANTS:

Craig Hansen

Earl Staley

TITLE:

BLM Oil & Gas

Alta Energy



4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

September 17, 1984

Alta Energy Corporation
dba Alte Corporation
500 North Loraine, Suite 900
Midland, Texas 79701

Gentlemen:

Re: Well No. Getty 12-1 - Sec. 12, T. 9S., R. 16E.
Duchesne County, Utah - API #43-013-30889

According to our records, a "Well Completion Report" filed with this office April 26, 1984, on the above referred to well, indicates the following electric logs were run: CNL-FDC, Oil, GR and SP. As of today's date, this office has not received these logs.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

Claudia L. Jones
Well Records Specialist

clj

cc: D. R. Nielson
R. J. Firth
J. R. Baza
File
00000001-23



October 5, 1984

State of Utah
Oil, Gas & Mining
4241 State Office Bldg.
Salt Lake City, UT 84114

Attention: Claudia L. Jones
Well Records Specialist

Gentlemen:

Re: Getty 12-1
Sec. 12, T9S, R16E
API No. 43-013-30889
Duchesne County, Utah

As per your request of September 17, 1984 enclosed are the electric logs run for the captioned well.

I am enclosing a copy of this letter together with a self addressed envelope in order for you to acknowledge the receipt of these logs. Should you require additional information, please advise.

Sincerely,

Kim C. Wilkinson

Kim C. Wilkinson
Production Secretary

Enclosures - Cement Bond Log
Dual Induction Laterolog
CD-CN Log

Logs Received By: _____

Date: _____

sent dup 10-10-84
S. Barela

COPY

Bureau of Land Management
Branch of Fluid Minerals (UT-922)
P.O. Box 45155
Salt Lake City, Utah 84145-0155

June 28, 1993

Equitable Resources Energy Company
Balcron Oil Division
C/O UnitSource Incorporated
1050 - 17th Street, Suite 705
Denver, Colorado 80265

Gentlemen:

The Jonah (Green River) Secondary Recovery Unit Agreement, Duchesne County, Utah, was approved June 28, 1993. This agreement has been designated No. UTU72086A, and is effective July 1, 1993. The unit area embraces 4,221.61 acres, more or less.

Pursuant to regulations issued and effective June 17, 1988, all operations within the Jonah (Green River) Secondary Recovery Unit will be covered by your nationwide (Montana) oil and gas bond No. 0576.

The following leases embrace lands included within the unit area:

*U-017985	U-096547	*U-33992
*U-020252	U-096550	*U-40652
U-020252A	*U-3563A	*U-44426
U-035521	U-18399	U-52013
U-035521A		

* Indicates lease to be considered for segregation by the Bureau of Land Management pursuant to Section 18 (g) of the unit agreement and Public Law 86-705.

All lands and interests by State of Utah, Cause No. 228-2 are fully committed except Tracts 4, 5, 10A, 10B, 11, 12A, 12B, 12C and 12D totalling 954.13 acres (22.60 percent) which are partially committed. Also, certain overriding royalty interest owners have not signed the unit agreement. All parties owning interests within this unit area were invited to join the unit agreement.

RECEIVED

JUN 29 1993

DIVISION OF
OIL GAS & MINING

Approval of this agreement does not warrant or certify that the operator thereof and other holders of operating rights hold legal or equitable title to those rights in the subject leases which are committed hereto.

We are of the opinion that the agreement is necessary and advisable in the public interest and for the purpose of more properly conserving natural resources. Enclosed is one copy of the approved unit agreement for your records. We request that you furnish the State of Utah and all other interested principals with appropriate evidence of this approval.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: Branch of Lands and Minerals Operations (U-942) w/enclosure
MMS - Data Management Division
Division of State Lands and Forestry
Division of Oil, Gas and Mining /
District Manager - Vernal w/enclosure
File - Jonah (Green River) Unit w/enclosure
Agr. Sec. Chron
Fluid Chron

U-922:TAThompson:tt:06-28-93

OPERATOR EQUITABLE RESOURCES ENERGY CO.
 ADDRESS BALCRON OIL DIV.

OPERATOR ACCT. NO. N 9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D	9500	11492	43-013-30926	GETTY 7A	NENE	7	9S	17E	DUCHESNE	5-29-84	7-1-93
WELL 1 COMMENTS: *JONAH UNIT EFFECTIVE 7-1-93.											
D	10190	11492	43-013-30961	GETTY 7C	NENW	7	9S	17E	DUCHESNE	1-3-85	7-1-93
WELL 2 COMMENTS:											
D	8350	11492	43-013-30889	GETTY 12-1	NWNE	12	9S	16E	DUCHESNE	1-30-84	7-1-93
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

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

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

L. CORDOVA (DOGM)
 Signature
ADMIN. ANALYST 7-1-93
 Title Date

Phone No. ()

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

	5. Lease Designation and Serial Number: Federal #U-44426
	6. If Indian, Allocated or Tribe Name: n/a
	7. Unit Agreement Name: Jonah Unit
1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:	8. Well Name and Number: Getty # 12-1
2. Name of Operator: Equitable Resources Energy Company, Balcron Oil Division	9. API Well Number: 43-013-30889
3. Address and Telephone Number: P.O. Box 21017; Billings, MT 59104 (406) 259-7860	10. Field and Pool, or Wildcat: Monument Butte/Green River
4. Location of Well Footages: 501' FNL, 2012' FEL OO, Sec., T., R., M.: NW NE Section 12, T9S, R16E	County: Duchesne State: UTAH

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input checked="" type="checkbox"/> Other <u>Change of operator</u> Approximate date work will start _____	<input type="checkbox"/> Abandonment * <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Other _____ Date of work completion _____ <small>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.</small>
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off

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

Effective July 1, 1993, which is the effective date of the start of the Jonah Unit, operations of this well will be taken over by:

Equitable Resources Energy Company, Balcron Oil Division
P.O. Box 21017
Billings, MT 59104

as Unit Operator. Operatorship of this well will be taken over from:

Alta Energy Corporation
410-17th Street, #430
Denver, CO 80202

RECEIVED

JUL 01 1993

DIVISION OF
OIL, GAS & MINING

13. Name & Signature: Robbie Schuman Title: Coordinator of Environmental and Regulatory Affairs Date: June 30, 1993
Robbie Schuman

(This space for State use only)



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361

June 30, 1993

-- VIA FEDERAL EXPRESS --

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180

Gentlemen:

The Jonah Unit becomes effective July 1, 1993, and Equitable Resources Energy Company, Balcron Oil Division has been named Unit Operator and will take over operations of the wells within the Unit. Enclosed are sundry notices requesting approval of this Change of Operator for the wells on the enclosed list.

If you have any questions or need further information, please give me a call at (406) 259-7860.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

RECEIVED

JUL 01 1993

DIVISION OF
OIL GAS & MINING

JONAH UNIT

Duchesne County, Utah

<u>WELL</u>	<u>LEASE #</u>	<u>CURRENT OPERATOR</u>
C & O Gov't #1 NW SW Sec. 12, T9S, R16E 1905' FSL 660' FWL	U-035521-A	Wildrose Resources
C & O Gov't #2 NW SE Sec. 12, T9S, R16E 1980' FSL 2080' FEL	U-035521-A	Wildrose Resources
C & O Gov't # 4 NE SW Sec. 12, T9S, R16E 2140' FSL 1820' FWL	U-035521-A	Wildrose Resources
Federal #2-1 (SI) NE NE Sec. 1, T9S, R16E 784' FNL 812' FEL	U-33992	Lomax Exploration
Getty # 7-A NE NE Sec. 7, T9S, R17E 761' FNL 664' FEL	U-44426	Alta Energy
Getty # 7-C NE NW Sec. 7, T9S, R17E 1129' FNL 2229' FWL	U-44426	Alta Energy
Getty # 12-1 NW NE Sec. 12, T9S, R16E 501' FNL 2012' FEL	U-44426	Alta Energy

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

5. Lease Designation and Serial No.
U-44426

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Alta Energy Corporation

3. Address and Telephone No.
410 - 17th St., Suite 430, Denver, CO 80202 (303) 825-0714

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
501' FNL & 2012' FEL
Sec. 12-9S-16E

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Getty #12-1

9. API Well No.
43-013-30889

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Duchesne Co., UT

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Change of Operator
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)
(Note: Report results of mudlog completion on the Completion or Recommendation Report and Log form.)

Effective July 1, 1993, Equitable Resource Energy Company, Balcron Oil Division, Jonah Green River Area, Duchesne Co., UT became the successor operator of the Getty #12-1 well.

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

Signed John Butzen

Title Engineering Technician

Date 7/27/93

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

ALTA ENERGY CORPORATION
410 SEVENTEENTH STREET
SUITE 430
DENVER, COLORADO 80202

TELEPHONE: (303) 825-0714

TELECOPY: (303) 629-6741

TO: Felicia Cordova

COMPANY: State of UT
D&G Mining

TELECOPIER NUMBER: 801 359 3940

FROM: JoAnn Butzen

DATE: 8/22/93

NUMBER OF PAGES INCLUDING COVER PAGE: 4

COMMENTS:

*Re: Change in operator
Getty 7-A
Getty 7-C
Getty 12-1*

If you do not receive all of the above mentioned pages, please call us at the above number as soon as possible.

RECEIVED

SEP 20 1993

OPERATOR Balcrum Oil
ADDRESS P.O. Box 21017
Billings MT 59104

OPERATOR ACCT. NO. H 9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D	?	11492	4301330889	DIVISION OF OIL, GAS & MINING 12-1	NW NE	12	95	16E	Duchesne		7/1/93
WELL 1 COMMENTS: Jonah Unit											
D	?	11492	4301330926	Getty 7-A	NE NE	7	95	17E	Duchesne		7/1/93
WELL 2 COMMENTS:											
D	?	11492	4301330961	Getty 7-C	NE NW	7	95	17E	Duchesne		7/1/93
WELL 3 COMMENTS:											
D	11071	11492	4301330735	m. B 1-33	NW SE	1	95	16E	Duchesne		7/1/93
WELL 4 COMMENTS:											
D	00030	11492	4301330736	mB 1-34	SW SE	1	95	16E	Duchesne		7/1/93
WELL 5 COMMENTS:											

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

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

(3/89)

Dawn Schneider
Signature
Prod. Acct
Title
9-15-93
Date
Phone No. (406) 259-7860

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-LEC	7-LEC
2-DTS/DTS	
3-VLC	
4-RJF	
5-PL	
6-ADA	

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

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

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 7-1-93)

TO (new operator) EQUITABLE RESOURCES ENERGY COFROM (former operator) ALTA ENERGY CORP.
 (address) BALCRON OIL DIV. (address) 410 17TH ST STE 430
PO BOX 21017 DENVER, CO 80202
BILLINGS, MT 59104
 phone (406) 259-7860 phone (303) 825-0714
 account no. N 9890 account no. N 9540

Well(s) (attach additional page if needed): ***JONAH UNIT**

Name: <u>GETTY 7A/GRRV</u>	API: <u>43-013-30926</u>	Entity: <u>9500</u>	Sec <u>7</u> Twp <u>9S</u> Rng <u>17E</u>	Lease Type: <u>U-44426</u>
Name: <u>GETTY 7C/GRRV</u>	API: <u>43-013-30961</u>	Entity: <u>10190</u>	Sec <u>7</u> Twp <u>9S</u> Rng <u>17E</u>	Lease Type: <u>U-44426</u>
Name: <u>GETTY 12-1/GRRV</u> X	API: <u>43-013-30889</u>	Entity: <u>8350</u>	Sec <u>12</u> Twp <u>9S</u> Rng <u>16E</u>	Lease Type: <u>U-44426</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Sec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Reg. 7-8-93) (Reg. 7-28-93) (Reg. 8-12-93) (Rec'd 8-22-93)
- Sec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 7-1-93)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.
- Sec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Sec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (8-24-93)
- Sec 6. Cardex file has been updated for each well listed above. (8-24-93)
- Sec 7. Well file labels have been updated for each well listed above. (8-24-93)
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (8-24-93)
- Sec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- See 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form). *Entity 11492 "Jonah Unit"*
- See 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

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

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. *ols 8/24/93*
- N/A 2. Copies of documents have been sent to State Lands for changes involving State Leases.

FILMING

- 1. All attachments to this form have been microfilmed. Date: 9-24 19 93 .

FILING

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

COMMENTS

*930713 Bma/S.L. Approved 6-28-93 AH. 7-1-93.
 (See also Lomar to Equitable & Wildrose to Equitable)*



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361

April 5, 1994

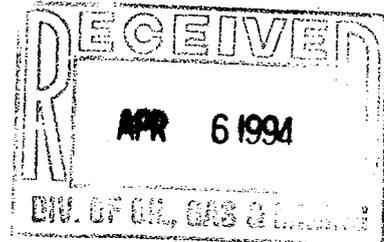
-- VIA FEDERAL EXPRESS --

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180

Dear Mr. Jarvis:

Attached are Applications for Injection Well (UIC Form 1) and the UIC Permit Application for the following wells:

Monument Butte #1-24
Monument Butte #1-13
Monument Butte #1-33
Balcron Monument Federal #42-1J
~~6000-12-1~~



We will be sending notice of this application to all operators, owners, and surface owners within a one-half mile radius of the proposed injection well. We will forward a copy of that notice along with our Affidavit certifying that they were sent as soon as it has been done.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Regulatory and Environmental Specialist

/hs

Attachments

cc: Bureau of Land Management (Salt Lake City office)

INJECTION PERMIT TRACKING RECORD

Company: Balcron Equitable (N9890) Well: Getty 12-1

Location: Sec. 12 Twn: 9S Rng: 16 E QtQt: NW NE

County: ~~Vinton~~ Duchesne Field: 105 (monument bit) Unit: Jonah (340)

API No.: 43-013-30889

Date Received: 4/6/94

Cause Number: UIC-151

Notice Date: 5/24-94

Conversion Approval: _____

Permit Issued: _____

Commencement: _____

Drilled: _____

Code: _____

Hearing Date: _____

Wells In AOR: 1 P, 2 I, 3 PA.

Getty Gov1 #12-1
 NW NE Sec.12, T9S, R16E
 Lease No. U-44426
 Monument Butte Field
 Duchesne County, Utah
 Jonah Unit

Proposed Injection Well Completion Diagram

BALCRON OIL
 4-4-94 JZ

SURFACE CASING

8-5/8", J-55, 24#
 Six joints @ 227'
 Landed @ 240' KB.
 Cemented w/175 sxs "H".
 Cemented to surface.
 Hole size @ 12-1/4".

PRODUCTION CASING

5-1/2", J-55, 15.5#
 151 joints @ 6160'.
 Landed @ 6175' KB.
 Cemented w/760 sxs 65/35 POZ
 tailed w/555 sxs Class "H".
 Cement top @
 Hole size @ 8-3/4".

TUBING

2 7/8", J-55, 6.5#
 SN @ 2 7/8" x 1.10'
 SN Landed @ 4052' KB

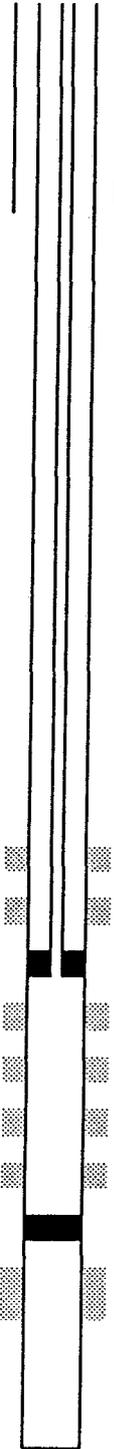
Retrievable Csg Tension Packer:
 Arrow Set-1 Landed @ 4056' KB

CIBP Set @ 5530' KB

Proposed Injection Horizons

4116', 4118', 4120', 4333'	YELLOW
4393', 4396', 4398', 4400', 4402', 4405', 4408'	YELLOW5
4484', 4518', 4519', 4646', 4656', 4670',	YELLOW
4690', 4728', 4730'	YELLOW
Proposed Perforations @ 4976'- 4980'	GREEN1

NOTE: The BLUE2 & BLUE3 zones will not be used for injection.



ACID JOB/BREAKDOWN

5590'-5602': 5% KCl wr, 10 bbls/min @ 3400 psig
 Dropped 48 balls, 2 balls/bbl.
 Flush w/33 bbls 5% KCl after frac.
 4399'-4440': 13 bbls 5% KCl wr/min
 @ 3100 psig, ball off to 700 psig.
 Flush w/26.5 bbls

FRAC RECORD

4399'-4440': 50,000# 20/40 sand, 22,000
 gallons 40 Apollo.
 5590'-5602': 50,000# 20/40 sand, 20,000
 gallons 40 Apollo.
 5652'-5754': 60,000# 20/40 sand; 25,000
 gallons 40 Apollo.

Uintah Formation Surface to 1400 ft.

Green River Formation 1400 to 4100 ft.

PERFORATION RECORD

3852', 3958', 3860', 3862', 3864' **	Squeezed
3942', 3946', 3952', 3956', 3960' **	Squeezed
4116', 4118', 4120', 4333'	YELLOW
4393', 4396', 4398', 4400', 4402', 4405', 4408'	YELLOW5
4484', 4518', 4519', 4646', 4656', 4670',	YELLOW
4690', 4728', 4730'	YELLOW
5590'- 5602'	BLUE2
5652', 5654', 5655', 5693', 5698',	BLUE3
5700', 5703', 5722', 5725', 5752',	BLUE3
5754' w/one shot each (11 holes).	BLUE3

Proposed Perforations @ 4976'- 4980' GREEN1

** Perforations Squeezed 3-23-84 w/150 sx Class-H cement.

Douglas Creek Member 4100 to 5350 ft.
 Wasatch Fm. Transition 5350 to 6000 ft.

PBTD @ 6010'
 TD @ 6020'
 Wasatch Formation 6000 ft.



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

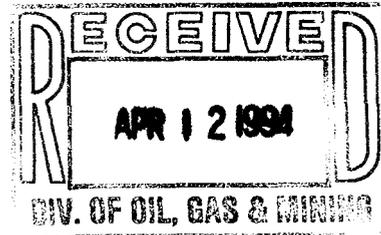
1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361

April 11, 1994

-- VIA FEDERAL EXPRESS --

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180



Dear Mr. Jarvis:

Attached is a revised Application for Injection Well (UIC Form 1) for the Getty #12-1. The original Application incorrectly showed this well to be in Section 1. It is actually in Section 12.

We will be sending notice of this application to all operators, owners, and surface owners within a one-half mile radius of the proposed injection well. We will forward a copy of that notice along with our Affidavit certifying that they were sent as soon as it has been done.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Regulatory and Environmental Specialist

/hs

Attachments

cc: Bureau of Land Management (Salt Lake City office)
Gary Kabeary

INJECTION WELL APPLICATION

REVIEW SUMMARY

Applicant: Equitable Well: Getty 12-1

Location: section 12 township 9S range 16E

API #: 43-013-30889 Well Type: disp. enhanced recov.

If enhanced recovery has project been approved by the Board? Yes

Lease Type: Federal Surface Ownership: BLM

Field: Monument Unit: Jonah Indian Country: N

UIC Form 1: Yes Plat: Yes Wells in AOR: 1P, 2I, 3PA

Logs Available: _____ Bond Log:

Casing Program: OK cmt Top needs to be checked.

Integrity Test: conversion

Injection Fluid: Johnson water

Geologic Information: 4116 - 4980 Injection zone

Analyses of Injection Fluid: Yes Formation Fluid: Yes Compat. Yes

Fracture Gradient Information: .86 psi/ft. Parting Pressure _____
2040 PSI max 2000, Aug. 1690 600 BWPD.

Affidavit of Notice to Owners: Y.

Fresh Water Aquifers in Area: none

Depth Base of Moderately Saline Water: 300 - 500 ft.

Confining Interval: shales + limes of G.R.

Reviewer: D. Jones Date: 5/4/94

Comments & Recommendation _____

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

---ooOoo---

IN THE MATTER OF THE APPLICATION	:	NOTICE OF AGENCY ACTION
OF EQUITABLE RESOURCES ENERGY	:	
COMPANY FOR ADMINISTRATIVE	:	CAUSE NO. UIC-151
APPROVAL TO CONVERT THE FEDERAL	:	
1-33, FEDERAL 1-24, FEDERAL 1-13,	:	
FEDERAL 42-1J AND GETTY 12-1 WELLS	:	
LOCATED IN SECTIONS 1 & 12, TOWNSHIP	:	
9 SOUTH, RANGE 16 EAST, S.L.M.,	:	
DUCHESNE COUNTY, UTAH, TO CLASS	:	
II INJECTION WELLS	:	

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

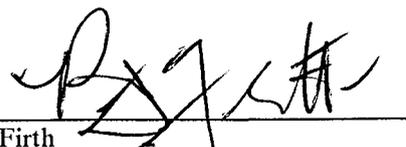
Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Equitable Resources Energy Company ("Equitable") for administrative approval to convert the Federal 1-33, Federal 1-24, Federal 1-13, Federal 42-1J and Getty 12-1 Wells, located in Sections 1 & 12, Township 9 South, Range 16 East, Duchesne County, Utah, to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

Equitable proposes to inject water into the captioned wells in the Green River Formation interval at approximately 4116 - 4980 feet, for the purpose of secondary recovery operations. Equitable is requesting a maximum injection pressure of 2000 psig and estimates the injection volume to be approximately 600 barrels of water per day for each well.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days of the date of publication of this notice. If such a protest or notice of intervention is received, a hearing may be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 10th day of May, 1994.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



R.J. Firth
Associate Director, Oil and Gas

WUI101

Equitable Resources Energy Company
Federal 1-33, Federal 1-24, Federal 1-13, Federal 42-1J, and Getty 12-1 Wells
Cause No. UIC-151

Publication Notices were sent to the following:

Newspaper Agency Corporation
Legal Advertising
157 Regent Street
Salt Lake City, Utah 84110

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

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

Equitable Resources Energy Company
P.O. Box 21017
Billings, Montana 59104

Tom Pike
U.S. Environmental Protection Agency
Region VIII
999 18th Street
Denver, Colorado 80202-2466

Ed Bonner
State Lands and Forestry
3 Triad Center, Suite 400
Salt Lake City, Utah 84180-1204



Lisa D. Clement
Administrative Secretary
May 10, 1994



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

May 10, 1994

Newspaper Agency Corporation
Legal Advertising
157 Regent Street
Salt Lake City, Utah 84110

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-151

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

A handwritten signature in cursive script that reads "Lisa D. Clement".

Lisa D. Clement
Administrative Secretary

Enclosure
WOI168



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
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268 South 200 East
Roosevelt, Utah 84066

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Sincerely,

A handwritten signature in cursive script that reads "Lisa D. Clement".

Lisa D. Clement
Administrative Secretary

Enclosure
WOI168



143 SOUTH MAIN ST.
P.O. BOX 45838
SALT LAKE CITY, UTAH 84145
FED. TAX I.D. # 87-0217663

Newspaper Agency Corporation
The Salt Lake Tribune (NA) **DESERET NEWS**

FILE

CUSTOMER'S COPY

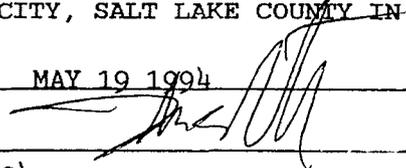
LEGAL ADVERTISING INVOICE

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	BILLING DATE
DIV OF OIL, GAS & MINING 355 WEST NORTH TEMPLE 3 TRIAD CENTER #350 SLC, UT 84180	LE-5385340	05/20/94
		FOR BILLING INFORMATION CALL (801) 237-2822

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF NOTICE OF AGENCY ACTION CAUSE NO. UIC-151BEFOR FOR DIV OF OIL, GAS & MINING WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON MAY 19 1994

SIGNATURE 

DATE 05/20/94

NOTICE OF AGENCY ACTION CAUSE NO. UIC-151 BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF EQUITABLE RESOURCES ENERGY COMPANY FOR ADMINISTRATIVE APPROVAL TO CONVERT THE FEDERAL 1-33, FEDERAL 1-24, FEDERAL 1-13, FEDERAL 42-1J AND GETTY 42-1 WELLS LOCATED IN SECTIONS 1 & 12, TOWNSHIP 9 SOUTH, RANGE 16 EAST, S.L.M., DUCHESNE COUNTY, UTAH, TO CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Equitable Resources Energy Company ("Equitable") for administrative approval to convert the Federal 1-33, Federal 1-24, Federal 1-13, Federal 42-1J and Getty 42-1 Wells located in Sections 1 & 12, Township 9 South, Range 16 East, Duchesne County, Utah, to Class II Injection Wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedure Act.

Equitable proposes to inject water into the captioned wells in the Green River Formation interval of approximately 4116-4980 feet for the purpose of secondary recovery operations. Equitable is requesting a maximum injection pressure of 2000 psig and estimates the injection volume to be approximately 600 barrels of water per day for each well.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the division within fifteen days of the date of publication of this notice. If such a protest or notice of intervention is received, a hearing may be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 10th day of May, 1994.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
/s/ R. J. Firth
Associate Director, Oil and Gas
5G820020

ACCOUNT NAME		TELEPHONE
DIV OF OIL, GAS & MINING		801-538-5340
SCHEDULE		AD NUMBER
MAY 19 1994		5G820020
CUST. REF. NO.	CAPTION	MISC. CHARGES
-151	NOTICE OF AGENCY ACTION CAUSE NO. UIC-151BEFOR	.00
SIZE	TIMES	RATE
31 LINES 1 COLUMN	1	1.64
DUE AND PAYABLE ON RECEIPT OF THIS INVOICE		TOTAL AMOUNT DUE
		132.84

THANK YOU FOR USING LEGAL ADVERTISING.

PLEASE RETURN THIS PORTION WITH YOUR PAYMENT IN THE ENCLOSED ENVELOPE **LEGAL ADVERTISING** ADV06-NT

ACCOUNT NUMBER	AD NUMBER	BILLING DATE	PAY THIS AMOUNT
LE-5385340	5G820020	05/20/94	132.84

LEGAL ADVERTISING

MAKE CHECKS PAYABLE TO:
NEWSPAPER AGENCY CORPORATION

PLEASE REMIT TO:
NEWSPAPER AGENCY CORPORATION
P.O. BOX 45838
SALT LAKE CITY, UTAH 84145-0838

DIV OF OIL, GAS & MINING
355 WEST NORTH TEMPLE
3 TRIAD CENTER #350
SLC, UT 84180

COPY

0765077062002090000000000000001328418761881731131011111111111111111124395

AFFIDAVIT OF PUBLICATION

6/1/94

County of Duchesne,
STATE OF UTAH

NOTICE OF AGENCY ACTION

I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue of such newspaper for 1 consecutive issues, and that the first publication was on the 24 day of May, 1994, and that the last publication of such notice was in the issue of such newspaper dated the 24 day of May, 1994.

CAUSE NO. UIC-151
IN THE MATTER OF THE APPLICATION OF EQUITABLE RESOURCES ENERGY COMPANY FOR ADMINISTRATIVE APPROVAL TO CONVERT THE FEDERAL 1-33, FEDERAL 1-24, FEDERAL 1-13, FEDERAL 42-1J AND GETTY 12-1 WELLS LOCATED IN SECTIONS 1 & 12, TOWNSHIP 9 SOUTH, RANGE 16 EAST, S.L.M., DUCHESNE COUNTY, UTAH, TO CLASS II INJECTION WELLS

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DATED this 10th day of May, 1994.

STATE OF UTAH DIVISION OF OIL, GAS AND MINING, R.J. Firth, Associate Director, Oil and Gas

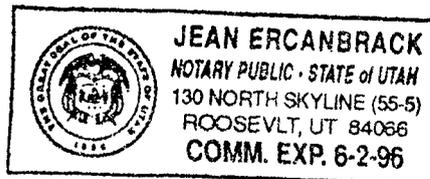
Published in the Uintah Basin Standard May 24, 1994

Subscribed and sworn to before me this

27 day of May, 1994

Jean Ercanbrack

Notary Public



COPY

BUDGET NOTICE

A public hearing will be held in the School District Office, Duchesne, Utah, on Thursday, June 9th, 1994, beginning at 8 p.m., on the proposed budget of Duchesne County School District for the 1994-95 fiscal year ending June 30, 1995, also, on the revised budget for the 1993-94 fiscal year ending June 30, 1994.

By order of the Board of Education of Duchesne County School District.

Philip R. Thompson,
Business Administrator
Published in the Uintah
Basin Standard May 24,
1994

VBS. May 27 1994

NOTICE OF AGENCY ACTION

CAUSE NO. UIC-151
IN THE MATTER OF
THE APPLICATION OF
EQUITABLE RE-
SOURCE ENERGY
COMPANY FOR AD-
MINISTRATIVE AP-
PROVAL TO CONVERT
THE FEDERAL 1-33,
FEDERAL 1-24, FED-
ERAL 1-13, FEDERAL
42-1J AND GETTY 12-1
WELLS LOCATED IN
SECTIONS 1 & 12,
TOWNSHIP 9 SOUTH,
RANGE 16 EAST, S.L.M.,
DUCHESNE COUNTY,
UTAH, TO CLASS II IN-
JECTION WELLS

THE STATE OF UTAH
TO ALL PERSONS IN-
TERESTED IN THE
ABOVE ENTITLED
MATTER.

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DATED this 10th day of May, 1994.

STATE OF UTAH DI-
VISION OF OIL, GAS
AND MINING, R.J. Firth,
Associate Director, Oil and
Gas

Published in the Uintah
Basin Standard May 24,
1994

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM**

**PERMIT
DECISION DOCUMENT**

Applicant: Balcron Oil **Location:** Jonah Unit

Wells: Federal 1-33,1-24,1-33,42-1,1-12 and 1-13

Ownership Issues: The proposed wells are located in sections 1 and 12, township 9 south, range 16 east, Duchesne County, Utah. Surface ownership within the 1/2 mile area is held by the BLM and the State of Utah. All of the wells are located on Federal land. Mineral interests are held by private individuals, the State of Utah, and the federal government. Balcron Oil has submitted an affidavit stating that a copy of UIC form 1 was sent as notice to all surface owners and operators within a 1/2 mile radius of each of the proposed injection wells.

Well Integrity: The five wells proposed for conversion to injection all have surface casing set at approximately 300 feet \pm 30 feet, and were all cemented to surface. Production casing was set at a depth of approximately 5600 feet - 5800 feet, and were all cemented above the injection zone. Cement bond logs are on file with the Division and verify reported cement tops. The interval from 4638-5110 feet (Green River Formation) has been perforated for water injection. A 2 7/8 inch tubing with a packer will be set above the perforations for injection of water. There are 14 producing wells and 10 injection wells in the 1/2 mile area of review. All wells in the AOR have sufficient cement behind the production string and have adequate surface casing to prevent migration of fluid up the hole. At the time of conversion the casing will be pressure tested. Casing/tubing annulus pressure will be monitored on a daily basis and reported on a monthly basis thereafter. Additional casing pressure tests shall be run every five years or whenever the tubing and packer assemblies are pulled for workover purposes.

Ground Water Protection: The base of moderately saline water in the area of the project is at a depth of approximately 300-500 feet. Each of the injection wells and offset producing wells have adequate surface casing and sufficient cement on the production casing to protect fresh water. The submitted fracture pressure for the field is .861 psi/ft resulting in a maximum allowed surface pressure of 2000 psi. Injection pressures for each of the injectors will be maintained below the fracture pressure so as not to initiate fractures in the overlying strata. The confining intervals above and below the injection zone consists of tight shales, siltstones and limestones of the Green River Formation. Water analysis indicate that the TDS of injection zone is greater than 10,000 TDS.

Oil/Gas & Other Mineral Resources Protection: Balcron is the operator of the Jonah Unit. A unit agreement was previously formed, correlative rights issues were addressed

before the Board of Oil, Gas and Mining when the matter was heard.

Bonding: Balcron is the operator of all wells within the project and is bonded by the Federal Government.

Actions Taken and Further Approvals Needed: These applications are for wells in an existing waterflood unit, previously supplied data and information along with newly submitted data supports a decision to approve the wells for conversion to injection. A public notice has been published in both the Salt Lake Tribune and the Uinta Basin Standard. The applications for the injection wells are technically complete. A casing pressure test needs to be conducted when the well is converted and a casing\tubing pressure test run prior to injection. The casing tubing annulus needs to be pressured to 1000 psi and not 500 psi as stated in the permit. Following the 25 day comment period if no objections are received it is recommended to issue both an approval to convert the wells and an injection permit. There are no special conditions or stipulations and the permit should be granted in accordance with the conditions set forth in the application.

DJJ
Reviewers

06-06-94
Date



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-151

Operator: Equitable Resources Company

Wells: Monument Butte Federal 42-1J, 1-33, 1-24, 1-13,
and Getty 12-1

Location: Sections 1 and 12, Township 9 S, Range 16 E,
Duchesne County

API No.: 43-013-31404, 43-013-30735, 43-013-30701
43-013-30702, 43-013-30889

Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Wells issued on June 9, 1994.
2. Maximum Allowable Injection Pressure: 2000 psig
3. Maximum Allowable Injection Rate: 600 bbls per day/well

Approved by:

R.J. Firth
Associate Director, Oil and Gas

Date



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

June 9, 1994

Equitable Resources Energy Company
Balcron Oil Division
1601 Lewis Avenue
Billings, Montana 59104

Re: Monument Butte Federal 42-1J, 1-33, 1-24, 1-13, and Getty 12-1 Wells Located in Sections 1 and 12, Township 9 South, Range 16 East, Duchesne County, Utah

Gentlemen:

In accordance with Utah Admin. Code R.649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced wells to Class II injection wells.

The following stipulations shall apply for compliance with this approval:

1. Full compliance with all applicable requirements regarding operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R.649-1 et seq.
2. Conformance with all conditions and requirements of the enclosed Underground Injection Control Permit and the application submitted by Equitable Resources Energy Company.

If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

R.J. Firth
Associate Director

cc: Dan Jackson, EPA
Bureau of Land Management, Vernal

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

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
 EQUITABLE RESOURCES ENERGY
 1601 LEWIS AVE
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 3 / 96

AMENDED REPORT (Highlight Changes)

Well Name API Number Entry Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ CASTLE PK FED 44-10 4301330630 11492 09S 16E 10	GRRV					
✓ CASTLE PK FED 24-15 4301330631 11492 09S 16E 15	GRRV					
✓ CASTLE PK FED 33-15 4301330632 11492 09S 16E 15	GRRV					
✓ CASTLE PK FED 42-15 4301330633 11492 09S 16E 15	GRRV					
✓ CASTLE PK FED. 22-15 4301330634 11492 09S 16E 15	GRRV					
✓ MONUMENT BUTTE 1-23 4301330646 11492 09S 16E 1	GRRV					
✓ MONUMENT BUTTE 1-14 4301330703 11492 09S 16E 1	GRRV					
✓ MONUMENT BUTTE 1-43 4301330734 11492 09S 16E 1	GRRV					
✓ MONUMENT BUTTE 1-34 4301330736 11492 09S 16E 1	GRRV					
✓ GETTY 12-1 4301330889 11492 09S 16E 12	GRRV					
✓ GETTY 7A 4301330926 11492 09S 17E 7	GRRV					
✓ GETTY 7C 4301330961 11492 09S 17E 7	GRRV					
✓ MONUMENT FEDERAL 23-5J 4301331383 11492 09S 17E 5	GRRV					
TOTALS						

COMMENTS: _____

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

Date: _____

Name and Signature: _____

Telephone Number: _____



EQUITABLE RESOURCES
ENERGY COMPANY

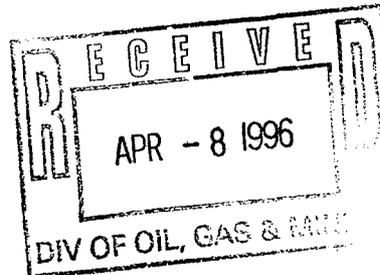
BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361

March 22, 1996

Utah Division of Oil, Gas and Mining
355 West North Temple
Salt Lake City, UT 84180



Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

Bobbie Schuman
Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:
See attached listing

6. If Indian, Allottee or Tribe Name:
n/a

7. Unit Agreement Name:
See attached listing

8. Well Name and Number:
See attached listing

9. API Well Number:
See attached listing

10. Field and Pool, or Wildcat:
See attached listing

County: See attached list

State: UTAH

1. Type of Well: OIL GAS OTHER: See attached listing

2. Name of Operator:
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone Number:
1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well
Footages: See attached listing

QQ, Sec., T., R., M.:

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

NOTICE OF INTENT
(Submit in Duplicate)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other _____
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandon *
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other Operator name change
- New Construction
- Pull or Alter Casing
- Reperforate
- 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 REPORT AND LOG form.
* Must be accompanied by a cement verification report.

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

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

13. Name & Signature: Bobbie Schuman Title: Regulatory and Environmental Specialist Date: March 27, 1996
Bobbie Schuman

(This space for State use only)

UTAH

Boll Weevil Federal #26-13	Undesignated	NW SW	26	8S	16E	Duchesne	UT	OTA	Green River	U-34346	43-013-30770	1980' FSL, 660' FWL	Vernal	
C&O Gov't #1	Monument Butte	NW SW	12	9S	16E	Duchesne	UT	Oil	Green River	U-035521-A	43-013-15111	1905' FSL, 660' FWL	Vernal	Jonah
C&O Gov't #2	Monument Butte	NW SE	12	9S	16E	Duchesne	UT	Oil	Green River	U-035521-A	43-013-15112	1980' FSL, 2080' FEL	Vernal	Jonah
C&O Gov't #4	Monument Butte	NE SW	12	9S	16E	Duchesne	UT	WIW	Green River	U-035521-A	43-013-30742	2140' FSL, 1820' FWL	Vernal	Jonah
Castle Peak Federal #22-15	Monument Butte	SE NW	15	9S	16E	Duchesne	UT	Oil	Green River	U-017985	43-013-30634	2125' FNL, 2006' FWL	Vernal	Jonah
Castle Peak Federal #24-10A	Monument Butte	SE SW	10	9S	16E	Duchesne	UT	Oil	Green River	U-017985	43-013-30555	660' FSL, 1980' FWL	Vernal	
Castle Peak Federal #24-15	Monument Butte	SE SE	15	9S	16E	Duchesne	UT	Oil	Green River	U-017985	43-013-30631	720' FSL, 2050' FWL	Vernal	Jonah
Castle Peak Federal #31-15	Monument Butte	NW NE	15	9S	16E	Duchesne	UT	Oil	Green River	U-017985	43-013-30613	548' FNL, 2062' FEL	Vernal	Jonah
Castle Peak Federal #33-15	Monument Butte	NW SE	15	9S	16E	Duchesne	UT	Oil	Green River	U-017985	43-013-30632	2341' FSL, 1790' FEL	Vernal	Jonah
Castle Peak Federal #42-15	Monument Butte	SE NE	15	9S	16E	Duchesne	UT	Oil	Green River	U-017985	43-013-30633	1820' FNL, 820' FEL	Vernal	Jonah
Castle Peak Federal #44-10	Monument Butte	SE SE	10	9S	16E	Duchesne	UT	Oil	Green River	U-017985	43-013-30630	557' FSL, 667' FEL	Vernal	Jonah
Castle Peak State #43-16	Monument Butte	NE SE	16	9S	16E	Duchesne	UT	Oil	Green River	U-017985	43-013-30594	1820' FSL, 820' FEL	Vernal	Castle Peak
Chorney Federal #1-9	Pariette Bench	SE SW	9	9S	19E	Uintah	UT	OSI	Green River	U-5843	43-047-30070	660' FSL, 1980' FWL	Vernal	
Cobra Federal #42-35	Wildcat	SE NE	35	15S	19W	Millard	UT	PND	Paleozoic	UTU-66504		1600' FNL, 660' FEL	Fillmore	
Coyote Basin #1-12	Coyote Basin	NE SE	12	8S	24E	Uintah	UT	Oil	Green River	U-58226	43-047-20221	1830' FSL, 1980' FWL	Vernal	Coyote Basin
Coyote Basin #32-6	Coyote Basin	SW NE	6	8S	25E	Uintah	UT	WTR	Green River	U-20309-D	43-047-31835	1900' FNL, 2200' FEL	Vernal	Coyote Basin
Coyote Basin Federal #12-13	Coyote Basin	SW NW	13	8S	24E	Uintah	UT	Oil	Green River	U-018073	43-047-31266	2098' FNL, 689' FWL	Vernal	Coyote Basin
Coyote Basin Federal #21-7	Coyote Basin	NE NW	7	8S	25E	Uintah	UT	Oil	Green River	U-41377	43-047-31673	591' FNL, 1858' FWL	Vernal	Coyote Basin
Coyote Basin Federal #43-12	Coyote Basin	NE SE	12	8S	24E	Uintah	UT	Oil	Green River	U-038797	43-047-30943	2140' FSL, 820' FEL	Vernal	Coyote Basin
D. Duncan State #16-5	Monument Butte	SW NW	16	9S	17E	Duchesne	UT	Oil	Green River	State ML-3453-B	43-013-30570	1922' FNL, 865' FWL		Beluga
DMD Federal #17-1	Monument Butte	NE SE	17	9S	17E	Duchesne	UT	Oil (SI)	Green River	U-44430	43-013-30689		Vernal	Beluga
East Red Wash Federal #1-12	Coyote Basin	SW NE	12	8S	24E	Uintah	UT	Oil	Green River	U-038797	43-047-20207	1980' FNL, 1980' FEL	Vernal	Coyote Basin
East Red Wash Federal #1-13	Coyote Basin	NE NW	13	8S	24E	Uintah	UT	Oil	Green River	U-018073	43-047-20222	660' FNL, 1980' FWL	Vernal	Coyote Basin
East Red Wash Federal #1-5	Coyote Basin	SE NW	5	8S	25E	Uintah	UT	Oil	Green River	U-063597-A	43-047-20174	1989' FNL, 2105' FWL	Vernal	Coyote Basin
East Red Wash Federal #1-6	Coyote Basin	SE NE	6	8S	25E	Uintah	UT	Oil	Green River	U-017439-B	43-047-20208	1980' FSL, 660' FEL	Vernal	Coyote Basin
East Red Wash Federal #2-5	Coyote Basin	NW NW	5	8S	25E	Uintah	UT	OTA	Green River	U-063597-A	43-047-20252	800' FNL, 525' FWL	Vernal	Coyote Basin
East Red Wash Federal #4-6	Coyote Basin	SW SE	6	8S	25E	Uintah	UT	WIW	Green River	U-20309-D	43-047-20261	660' FSL, 1980' FEL	Vernal	Coyote Basin
Federal #1-18	Monument Butte	NW NE	18	9S	17E	Duchesne	UT	OSI	Green River	U-3563	43-013-30332	636' FNL, 2186' FEL	Vernal	Beluga
Federal #1-26	Monument Butte	NE NW	26	8S	17E	Uintah	UT	Oil	Green River	UTU-67845	43-047-31953	461' FNL, 1880' FWL	Vernal	
Federal #13-13	Coyote Basin	NW SW	13	8S	24E	Uintah	UT	Oil	Green River	U-67208	43-047-32196	1976' FSL, 598' FWL	Vernal	Coyote Basin
Federal #14-4	Coyote Basin	SW SW	4	8S	25E	Uintah	UT	Oil	Green River	UTU-41376	43-047-15678	510' FSL, 660' FWL	Vernal	Coyote Basin
Federal #2-1	Monument Butte	NE NE	1	9S	16E	Duchesne	UT	Oil	Green River	U-33992	43-013-30603	784' FNL, 812' FEL	Vernal	Jonah
Federal #22-25	Monument Butte	SE NW	25	8S	17E	Uintah	UT	Oil	Green River	UTU-67845	43-047-32008	1667' FNL, 1773' FWL	Vernal	
Getty #12-1	Monument Butte	NW NE	12	9S	16E	Duchesne	UT	Oil	Green River	U-44426	43-013-30889	501' FNL, 2012' FEL	Vernal	Jonah
Getty #7-A	Monument Butte	NE NE	7	9S	17E	Duchesne	UT	Oil	Green River	U-44426	43-013-30926	761' FNL, 664' FEL	Vernal	Jonah

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-LEE 7-SJ	<input checked="" type="checkbox"/>
2-DTS 58-FILE	<input checked="" type="checkbox"/>
3-VLD (GTL)	<input checked="" type="checkbox"/>
4-RJF	<input checked="" type="checkbox"/>
5-IEC	<input checked="" type="checkbox"/>
6-FILM	<input checked="" type="checkbox"/>

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

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

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY COEROM</u> (former operator)	<u>EQUITABLE RESOURCES ENERGY CO</u>
(address)	<u>1601 LEWIS AVE</u>	(address) <u>BALCRON OIL DIVISION</u>
	<u>BILLINGS MT 59102-4126</u>	<u>1601 LEWIS AVE</u>
	phone (406) <u>259-7860</u>	<u>BILLINGS MT 59102-4126</u>
	account no. <u>N9890</u>	phone (406) <u>259-7860</u>
		account no. <u>N9890</u>

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

Name: **SEE ATTACHED**	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Yec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *Check 4-4-96 & 4-8-96*
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- * 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Yec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ *(4-10-96)*
- Yec 6. Cardex file has been updated for each well listed above. *(4-11-96)*
- Yec 7. Well file labels have been updated for each well listed above. *(4-11-96)*
- Yec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(4-10-96)*
- Yec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

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

BOND VERIFICATION (Fee wells only)

5578314 (\$80,000) Schwa Ins. Co. (Bond Rider In Progress)

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

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 4/20/96
- DTS 2. Copies of documents have been sent to State Lands for changes involving State leases.
Sent to Ed Bonner - Trust Lands

FILMING

- YDR 1. All attachments to this form have been microfilmed. Date: May 20 1996.

FILING

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

COMMENTS

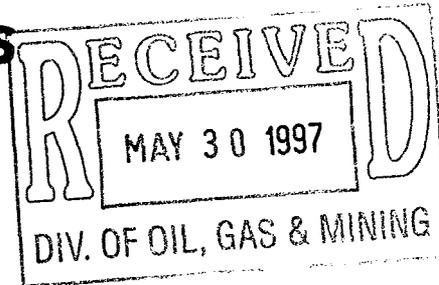
9/20/10 BLM/BIA "Formal approval not necessary".



EQUITABLE RESOURCES
ENERGY COMPANY

WESTERN REGION

1601 Lewis Avenue
Billings, MT 59102



Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361

May 27, 1997

Utah Board Of Oil, Gas, & Mining
1594 West North Temple
Suite-1220
Salt Lake City, Utah 84114

In accordance with your request please find enclosed the 1997 produced water analysis for the Uinta Basin waterflood and water disposal operations which are operated by Equitable Resources Energy Company. These water analysis are for wells that are re-injecting or disposing produced water back into the Green River Formation via the following facilities:

Jonah Secondary Recovery Unit
Beluga Secondary Recovery Unit
Coyote Basin Secondary Recovery Unit
Castle Draw (State Section-2) Pilot Waterflood
Pariette Bench Water Disposal Well #4

Equitable Resources Energy Company inadvertently failed to submit a copy of these water analysis when they were sent to the EPA and BLM. If there are any questions please contact me at our Billings, Montana office at 406-259-7860.

Respectfully,

John Zellitti
District Production Engineer



Telephone (801) 789-4327

Water Analysis Report

Customer : EREC - Western Oil Company

Address : 1601 Lewis Avenue

City : Billings

State : MT Postal Code : 59104-

Attention : John Zellitti

cc1 : Dan Farnsworth

cc2 : Joe Ivey

cc3 :

Jonah Unit
Field : Monument Butte Field

Lease : Getty Government

Location : Well No. 12-1

Sample Point : wellhead

Date Sampled : 14-Feb-97

Date Received : 14-Feb-97

Date Reported : 14-Feb-97

Salesman : Lee Gardiner

Analyst : Karen Hawkins Allen

CATIONS		ANIONS	
Calcium :	80 mg/l	Chloride :	1,420 mg/l
Magnesium :	53 mg/l	Carbonate :	0 mg/l
Barium :	0 mg/l	Bicarbonate :	915 mg/l
Strontium :	0 mg/l	Sulfate :	108 mg/l
Iron :	3.0 mg/l		
Sodium :	1125 mg/l		
pH (field) :	7.82	Specific Gravity :	1.005 grams/ml
Temperature :	85 degrees F	Total Dissolved Solids :	3,704 ppm
Ionic Strength :	0.06	CO2 in Water :	97 mg/l
		CO2 in Gas :	0.03 mole %
Resistivity :	ohm/meters	H2S in Water :	0.0 mg/l
Ammonia :	ppm	O2 in Water :	0.000 ppm
Comments :			

SI calculations based on Tomson-Oddo

Calcite (CaCO3) SI :	-0.02	Calcite PTB :	N/A
Gypsum (CaSO4) SI :	-2.40	Gypsum PTB :	N/A
Barite (BaSO4) SI :	N/A	Barite PTB :	N/A
Celestite (SrSO4) SI :	N/A	Celestite PTB :	N/A

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O CRAZY MTN O&G SVS'S
 EQUITABLE RESOURCES ENERGY
 PO BOX 577
 LAUREL MT 59044

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 9 / 97

AMENDED REPORT (Highlight Changes)

Well Name API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
						OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ CASTLE PK FED 33-15 4301330632	11492	09S 16E 15	GRRV			6017985	Jonah (6e) Unit	
✓ CASTLE PK FED 42-15 4301330633	11492	09S 16E 15	GRRV			"		
✓ CASTLE PK FED. 22-15 4301330634	11492	09S 16E 15	GRRV			"		
✓ MONUMENT BUTTE 1-23 4301330646	11492	09S 16E 1	GRRV			618399		
✓ MONUMENT BUTTE 1-14 4301330703	11492	09S 16E 1	GRRV			"		
✓ MONUMENT BUTTE 1-43 4301330734	11492	09S 16E 1	GRRV			652013		
✓ MONUMENT BUTTE 1-34 4301330736	11492	09S 16E 1	GRRV			"		
✓ GETTY 12-1 4301330889	11492	09S 16E 12	GRRV			64426		
✓ GETTY 7A 4301330926	11492	09S 17E 7	GRRV			"		
✓ GETTY 7C 4301330961	11492	09S 17E 7	GRRV			"		
✓ MONUMENT FEDERAL 23-5J 4301331383	11492	09S 17E 5	GRRV			6020252		
✓ MONUMENT FEDERAL 14-5 4301331385	11492	09S 17E 5	GRRV			"		
✓ MONUMENT FEDERAL 24-12J 4301331409	11492	09S 16E 12	GRRV			6035521A	✓	
TOTALS								

COMMENTS: _____

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

Date: _____

Name and Signature: _____

Telephone Number: _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

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:

See Attached

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:

Inland Production Company

3. Address and Telephone Number:

475 - 17th Street, Suite 1500, Denver, CO 80202

4. Location of Well

Footages: See Attached Exhibit

QQ, Sec., T., R., M.:

County:

State:

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

NOTICE OF INTENT
(Submit in Duplicate)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other Change of Operator
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other Change of Operator
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

Date of work completion 9-30-97

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

* Must be accompanied by a cement verification report.

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

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was :

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.

OCT 10 1997

13.

Name & Signature:

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date:

9/30/97

This space for State use only)



**EQUITABLE RESOURCES
ENERGY COMPANY**

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



Crazy Mountain Oil & Gas Services
P.O. Box 577
Laurel, MT 59044
(406) 628-4164
(406) 628-4165

TO: *Lisha*
St of Utah.

FROM. Molly Conrad
Crazy Mountain Oil & Gas Services
(406) 628-4164

Pages Attached - Including Cover Sheet *2.*

NOTE: *Here is the letter you requested.
Call if you need anything
further.*

INLAND

Inland Resources Change of Operator

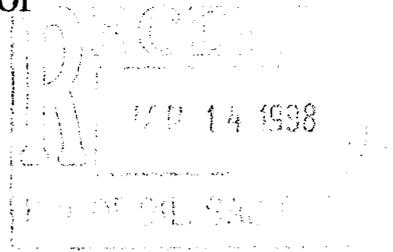
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
✓ BALCRON FEDERAL #24-3Y	SESW 3 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31397-00	UTU75037	
✓ BALCRON FEDERAL #44-4Y	SESE 4 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31452-00	UTU65967	
✓ BALCRON FEDERAL #14-3Y	SW SW 3 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31535-00	UTU75037	
✓ MONUMENT FEDERAL #11-11Y	NW NW 119S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31593-00	UTU65210	
✓ MONUMENT FEDERAL #31-5-9-17	NW NE 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31680-00	UTU74808	
ALLEN FEDERAL #1	SESE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15779-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #12-5	SWNW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30611-00	UTU020252	UTU72086A
✓ ALLEN FEDERAL #12-6	SWNW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30582-00	UTU020252A	UTU72086A
ALLEN FEDERAL #13-6	NWSW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30918-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #21-5	NENW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30612-00	UTU020252	UTU72086A
✓ ALLEN FEDERAL #21-6	LOT3 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30584-00	UTU020252A	UTU72086A
ALLEN FEDERAL #22-6	SENW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30919-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #23-6	NESW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30558-00	UTU020252A	UTU72086A
ALLEN FEDERAL #31-6	LOT2 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31195-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #32-6	SWNE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30559-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #34-6	SWSE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30586-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #41-6	NENE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30581-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #43-6	NESE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30583-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL A #1	NWNW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15780-00	UTU020252	UTU72086A
✓ C&O GOVT #1	NWSW 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15111-00	UTU035521A	UTU72086A
✓ C&O GOVT #2	NWSE 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15112-00	UTU035521	UTU72086A
C&O GOVT #4	NESW 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30742-00	UTU035521A	UTU72086A
✓ CASTLE PEAK FEDERAL #22-15	SENW 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30634-00	UTU017985	UTU72086A
✓ CASTLE PEAK FEDERAL #24-15	SESW 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30631-00	UTU017985	UTU72086A
✓ CASTLE PEAK FEDERAL #31-15	NWNE 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30613-00	UTU017985	UTU72086A
✓ CASTLE PEAK FEDERAL #33-15	NWSE 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30632-00	UTU017985	UTU72086A
✓ CASTLE PEAK FEDERAL #44-10	SESE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30630-00	UTU017985	UTU72086A
✓ CASTLE PEAK FEDERAL #42-15	SENE 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30633-00	UTU017985	UTU72086A
✓ FEDERAL #2-1	NENE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30603-00	UTU33992	UTU72086A
✓ GETTY #12-1	NWNE 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30889-00	UTU44426	UTU72086A
✓ GETTY #7-A	NENE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30926-00	UTU44426	UTU72086A
✓ GETTY #7-C	NENW 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30961-00	UTU44426	UTU72086A
✓ GOATES FEDERAL #1	SESW 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15789-00	UTU096547	UTU72086A
✓ GOATES FEDERAL #3	NWNW 149S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15791-00	UTU096547	UTU72086A
✓ MONUMENT BUTTE #1-14	SWSW 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30703-00	UTU18399	UTU72086A
✓ MONUMENT BUTTE #1-23	NESW 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30646-00	UTU18399	UTU72086A
✓ MONUMENT BUTTE #1-24	SESW 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30701-00	UTU18399	UTU72086A
✓ MONUMENT BUTTE #1-34	SWSE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30736-00	UTU52013	UTU72086A
✓ MONUMENT BUTTE #1-43	NESE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30734-00	UTU52013	UTU72086A



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO
UT-931

January 13, 1998

Inland Production Company
475 17th Street, Suite 1500
Denver, Colorado 80202

Re: Jonah (Green River) Unit
Duchesne County, Utah

Gentlemen:

On January 13, 1998, we received an indenture dated November 17, 1997, whereby Equitable Resources Energy Company resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Jonah (Green River) Unit, Duchesne 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 January 13, 1998. 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 Jonah (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Jonah (Green River) Unit.

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

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)
~~Division of Oil, Gas & Mining~~
Minerals Adjudication Group U-932
File - Jonah (Green River) Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

U-931:TAThompson:tt:1/13/98

WELL STATUS REPORTS
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM UTU72086A JONAH (GR) SECONDARY RECOVERY UNIT									
UTU72086A	430131511100S1	1	NWSW	12	9S	16E	POW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430131578000S1	1	NWNW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430131577900S1	1	SESE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131578900S1	1	SESW	11	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430131579200S1	1	SESE	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133070200S1	1-13	NWSW	1	9S	16E	WIW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133070300S1	1-14	SWSW	1	9S	16E	POW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133064600S1	1-23	NESW	1	9S	16E	POW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133070100S1	1-24	SESW	1	9S	16E	WIW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133073500S1	1-33	NWSE	1	9S	16E	WIW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133073600S1	1-34	SWSE	1	9S	16E	POW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133073400S1	1-43	NESE	1	9S	16E	POW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133136200S1	11-6	L4	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133149200S1	11-7J	NWNW	7	9S	17E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133088900S1	12-1	NWNE	12	9S	16E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133141700S1	12-11J	SWNW	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133141000S1	12-12J	SWNW	12	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133061100S1	12-5	SWNW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133058200S1	12-6	SWNW	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133149300S1	12-7J	SWNW	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430131579000S1	13-11J	NWSW	11	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133137000S1	13-5	NWSW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133091800S1	13-6	NWSW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133137400S1	14-11	SWSW	11	9S	16E	WIW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133141100S1	14-12J	SWSW	12	9S	16E	WIW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430133138500S1	14-5	SWSW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430131511200S1	2	NWSE	12	9S	16E	POW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430131579300S1	2	NWNE	14	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133060300S1	2-1	L1	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
UTU72086A	430133140600X1	21-12J	NENW	12	9S	16E	ABD	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133142100S1	21-14J	NENW	14	9S	16E	WIW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133142200X1	21-15J	NENW	15	9S	16E	ABD	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133061200S1	21-5	NENW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133058400S1	21-6	L3	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579600S2	22-12J	SESW	12	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133063400S1	22-15	SESW	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133138400S1	22-5	SESW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133091900S1	22-6	SESW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133136900S1	23-11	NESW	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133137300S1	23-15	NESW	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133138300S1	23-5	NESW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133055800S1	23-6	NESW	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133140900S1	24-12J	SESW	12	9S	16E	POW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430133063100S1	24-15	SESW	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133137500S1	24-5	SESW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133136300S1	24-6	SESW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579100S1	3	NWNW	14	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133061300S1	31-15	NWNE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG

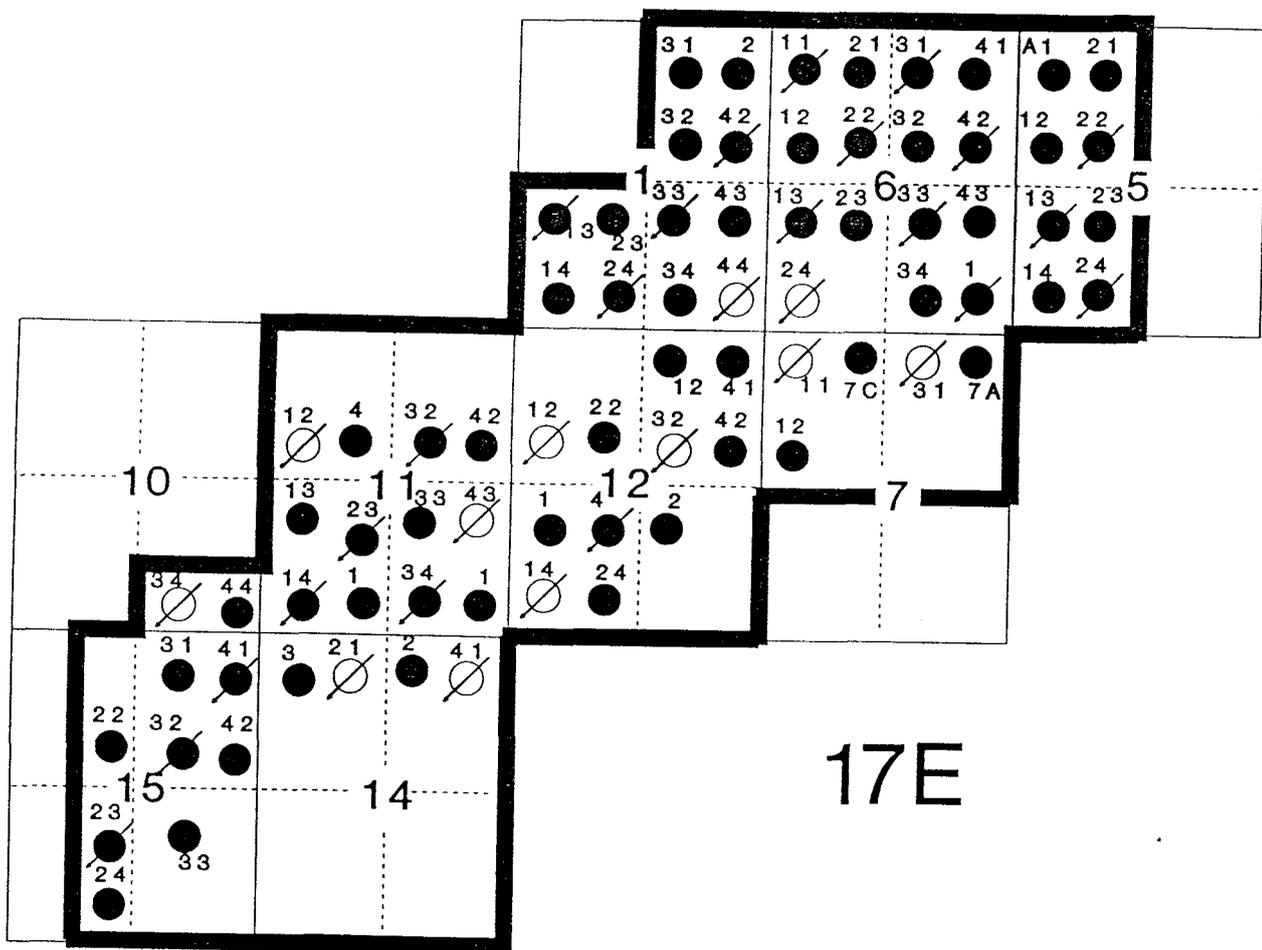
WELL STATUS REPORTS
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
UTU72086A	430133141300S1	31-1J	L2	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
UTU72086A	430133119500S1	31-6	L2	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133140500S1	31-7J	NWNE	7	9S	17E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133138600S1	32-11	SWNE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133141900S1	32-12J	SWNE	12	9S	16E	WIW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430133136800S1	32-15	SWNE	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133141400S1	32-1J	SWNE	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
UTU72086A	430133055900S1	32-6	SWNE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133145100S1	33-11J	NWSE	11	9S	16E	OSI	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133063200S1	33-15	NWSE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133136100S1	33-6	NWSE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133141600S1	34-10J	SWSE	10	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133100300S1	34-11	SWSE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133058600S1	34-6	SWSE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133074200S1	4	NESW	12	9S	16E	WIW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579500S1	4	SENW	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133148700S1	41-12J	NENE	12	9S	16E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133140800S1	41-14J	NENE	14	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133136700S1	41-15	NENE	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133058100S1	41-6	NENE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133006600S1	42-11J	SENE	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133148600S1	42-12J	SENE	12	9S	16E	POW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430133063300S1	42-15	SENE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133140400S1	42-1J	SENE	1	9S	16E	WIW	UTU40652	EQUITABLE RESOURCES ENERG
UTU72086A	430133136400S1	42-6	SENE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133100200S1	43-11J	NESE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133058300S1	43-6	NESE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133063000S1	44-10	SESE	10	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133141500S1	44-1J	SESE	1	9S	16E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133092600S1	7-A	NENE	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133096100S1	7-C	NENW	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG

JONAH (GREEN RIVER) UNIT

DUCHESNE COUNTY, UTAH

EFFECTIVE: JULY 1, 1993



16E

17E

9S

— UNIT OUTLINE (UTU72086A)

4,221.61 ACRES

SECONDARY
ALLOCATION
FEDERAL 100.00%

OPERATOR CHANGE WORKSHEET

Routing	
1-IEC ✓	6-VIC ✓
2-CH ✓	7-KAS ✓
3-DTS ✓	8-SI ✓
4-VLD ✓	9-FILE ✓
5-JRB ✓	

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

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

The operator of the well(s) listed below has changed, effective: 9-30-97

TO: (new operator) (address) <u>INLAND PRODUCTION COMPANY</u> <u>PO BOX 1446</u> <u>ROOSEVELT UT 84066</u> Phone: <u>(801)722-5103</u> Account no. <u>N5160</u>	FROM: (old operator) (address) <u>EQUITABLE RESOURCES ENERGY</u> <u>PO BOX 577</u> <u>LAUREL MT 59044</u> <u>C/O CRAZY MTN O&G SVS</u> Phone: <u>(406)628-4164</u> Account no. <u>N9890</u>
---	--

WELL(S) attach additional page if needed:

***JONAH (GREEN RIVER) UNIT**

Name: **SEE ATTACHED**	API: <u>43-013-30889</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 12-10-97)*
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 10-13-97)*
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) _____ If yes, show company file number: _____
- lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- lec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(1-14-98) * UIC/Que Hro Pro 1-14-98 & UIC/DBase 1-14-98.*
- lec 6. **Cardex** file has been updated for each well listed above.
- lec 7. Well **file labels** have been updated for each well listed above.
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(1-14-98)*
- lec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for **reference during routing and processing of the original documents.**

ENTITY REVIEW

- Y/ce 1. (r649-8-7) **Entity assignments have been reviewed** for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
Entity 11492 "Jonah (GP) Unit"
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

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

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

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

FILMING

- Y/ce 1. All attachments to this form have been **microfilmed**. Today's date: 2-3-98.

FILING

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

COMMENTS

980114 Btm / SF Aprv. eff. 1-13-98.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No. U-44426
6. If Indian, Allottee or Tribe Name NA
7. If Unit or CA, Agreement Designation JONAH
8. Well Name and No. GETTY 12-1
9. API Well No. 43-013-30889
10. Field and Pool, or Exploratory Area MONUMENT BUTTE
11. County or Parish, State DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

<input checked="" type="checkbox"/> Oil Well	<input type="checkbox"/> Gas Well	<input type="checkbox"/> Other
--	-----------------------------------	--------------------------------

2. Name of Operator
INLAND PRODUCTION COMPANY

3. Address and Telephone No.
475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
0501 FNL 2012 FEL NW/NE Section 12, T09S R16E

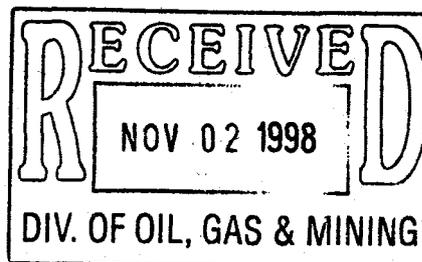
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

Attached please find the site security diagram for the above referenced well.



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

Signed *Rebecca E. Knight* Title Manager, Regulatory Compliance Date 10/28/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

Inland Production Company Site Facility Diagram

Getty 12-1

NW/NE Sec. 12, T9S, 16E

Duchesne County

May 12, 1998

Site Security Plan is held at the Roosevelt Office, Roosevelt Utah

Production Phase:

- 1) Valves 1, and 3 sealed closed
- 2) Valves 2 and 4 sealed open

Sales Phase:

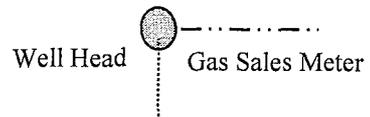
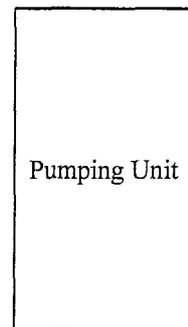
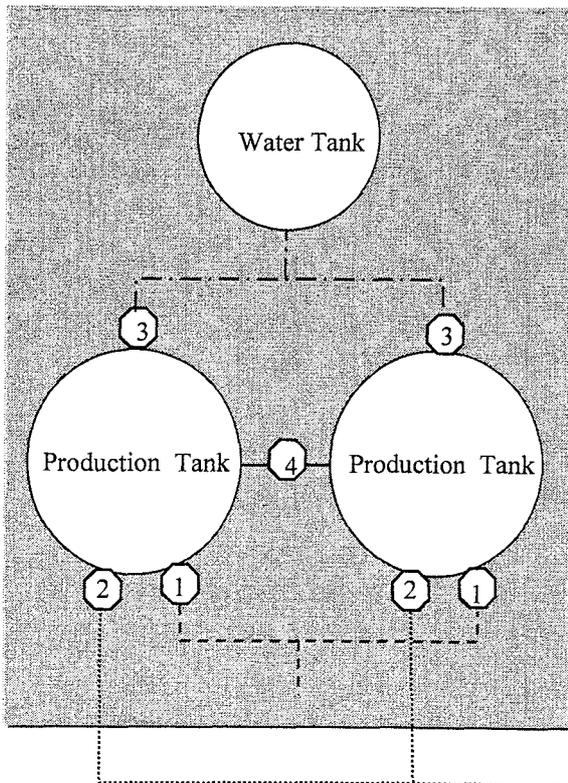
- 1) Valves 2, 3, and 4 sealed closed
- 2) Valves 1 open

Draining Phase:

- 1) Valve 3 open

Legend

Emulsion Line
Load Line	-----
Water Line	-.-.-.-.
Gas Sales





United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

“ARTICLE ONE – The name of the corporation is Newfield Production Company.”

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 2/28/2005
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
- Bond information entered in RBDMS on: 2/28/2005
- Fee/State wells attached to bond in RBDMS on: 2/28/2005
- Injection Projects to new operator in RBDMS on: 2/28/2005
- Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

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

5. Lease Serial No.
USA UTU-44426

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
JONAH UNIT

8. Well Name and No.
GETTY 12-1

9. API Well No.
4301330889

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include are code)
435 646 3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
501 FNL 2012 FEL
NWNE Section 12 T9S R16E

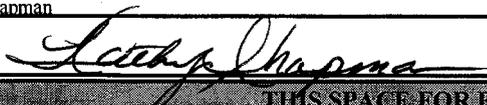
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

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

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate 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 recompleation 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.)

Newfield requests a change of status to TA this well. Newfield plans to Re-Complete this well in the near future in the following intervals.
GB6, and re-frac GB4. Possible acidize existing CP.

Accepted by the
Utah Division of
Oil, Gas and Mining
For Record Only

I hereby certify that the foregoing is true and correct (Printed/ Typed) Kathy Chapman	Title Office Manager
Signature 	Date 01/30/2008
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	

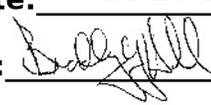
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

FEB 06 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-44426
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: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: GETTY 12-1	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013308890000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0501 FNL 2012 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 12 Township: 09.0S Range: 16.0E Meridian: S	COUNTY: DUCHESNE	
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/14/2011 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>The subject well has been converted from a producing oil well to an injection well on 11/14/2011. On 11/14/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/14/2011 the casing was pressured up to 1375 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.</p>		
		Accepted by the Utah Division of Oil, Gas and Mining Date: <u>11/23/2011</u> By: 
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 11/23/2011	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 11/14/2011 Time 1:30 am pm

Test Conducted by: Rowdy Cloward

Others Present: _____

Well: <u>Getty 12-1-9-16</u>	Field: <u>Newfield Monument Butte</u>
Well Location: <u>Getty 12-1-9-16</u> <u>NW/NE Sec 12 T9S R16E</u> <u>Duchesne County, UT</u>	API No: <u>430-13-30889</u>

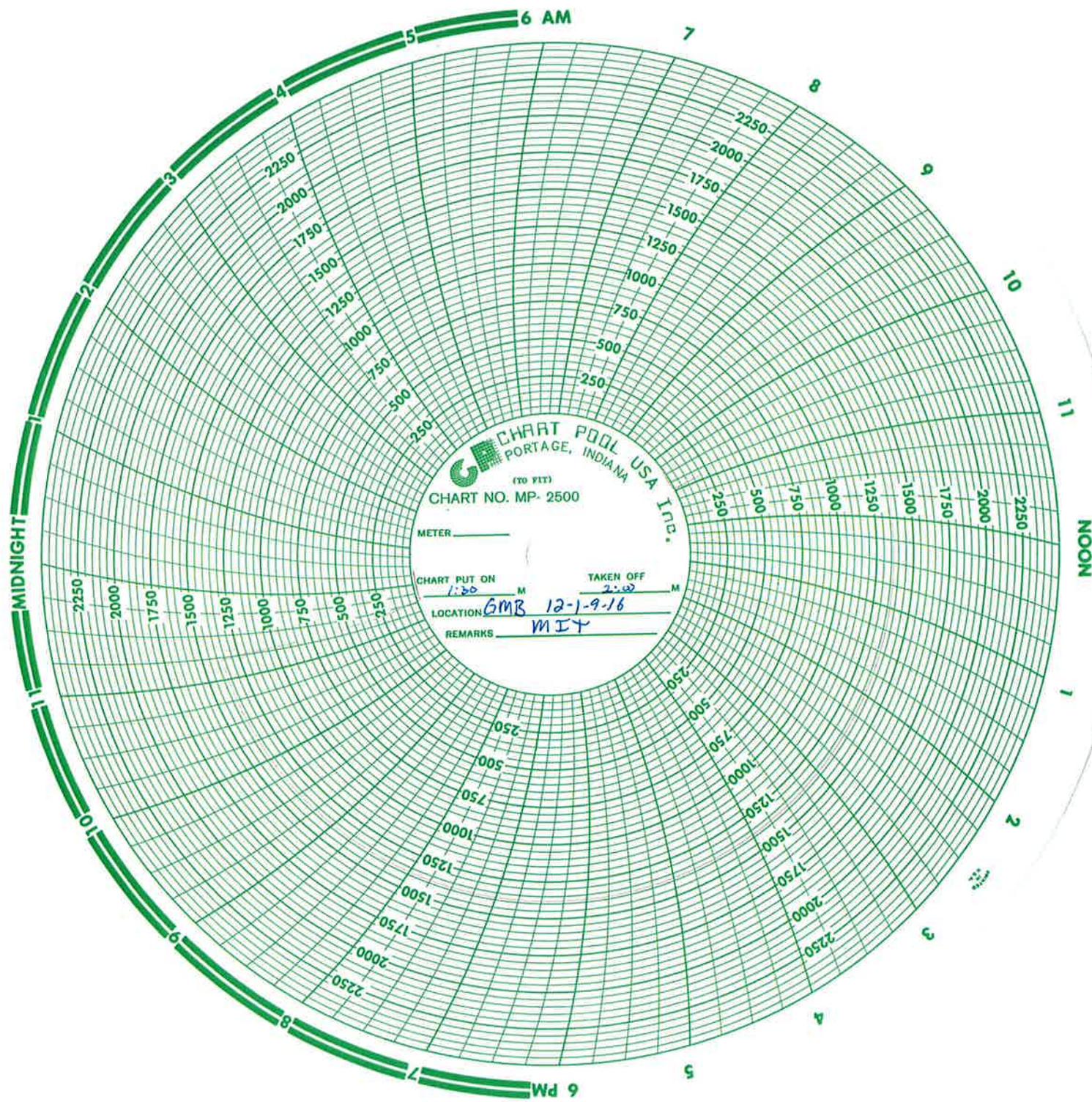
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1375</u>	psig
5	<u>1375</u>	psig
10	<u>1375</u>	psig
15	<u>1375</u>	psig
20	<u>1375</u>	psig
25	<u>1375</u>	psig
30 min	<u>1375</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 0 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: [Signature]



Daily Activity Report**Format For Sundry****GETTY 12-1-9-16****9/1/2011 To 1/30/2012****11/8/2011 Day: 4****Conversion**

WWS #5 on 11/8/2011 - RIH w/ RBP 7 Pkr. Locate hole in casing. - MIRUSU. RU Hot Oiler & pump 60 bbls water down casing @ 250°. Unseat pump. Flush rods w/ 40 bbls water. TOO H w/ rods. Flush rods w/ 30 bbls half way out. RU tbg equipment. Release TA. TOO H w/ 2-3/8" tbg laying down on trailer. Flush tbg w/ 30 bbls water half way out. SIFN. - MIRUSU. RU Hot Oiler & pump 60 bbls water down casing @ 250°. Unseat pump. Flush rods w/ 40 bbls water. TOO H w/ rods. Flush rods w/ 30 bbls half way out. RU tbg equipment. Release TA. TOO H w/ 2-3/8" tbg laying down on trailer. Flush tbg w/ 30 bbls water half way out. SIFN. - MIRUSU. RU Hot Oiler & pump 60 bbls water down casing @ 250°. Unseat pump. Flush rods w/ 40 bbls water. TOO H w/ rods. Flush rods w/ 30 bbls half way out. RU tbg equipment. Release TA. TOO H w/ 2-3/8" tbg laying down on trailer. Flush tbg w/ 30 bbls water half way out. SIFN. - MIRUSU. RU Hot Oiler & pump 60 bbls water down casing @ 250°. Unseat pump. Flush rods w/ 40 bbls water. TOO H w/ rods. Flush rods w/ 30 bbls half way out. RU tbg equipment. Release TA. TOO H w/ 2-3/8" tbg laying down on trailer. Flush tbg w/ 30 bbls water half way out. SIFN. - MIRUSU. RU Hot Oiler & pump 60 bbls water down casing @ 250°. Unseat pump. Flush rods w/ 40 bbls water. TOO H w/ rods. Flush rods w/ 30 bbls half way out. RU tbg equipment. Release TA. TOO H w/ 2-3/8" tbg laying down on trailer. Flush tbg w/ 30 bbls water half way out. SIFN. - Continue LD 2-3/8" tbg & bleeder nipple. RU Wireline trk. RIH w/ gauge ring. RIH & set WRP @ 4600'. PU, tally, drift & TIH w/ stinger, x-over, 2-3/8" SN, x-over, 25 jts 2-7/8" tbg, 5-1/2" Arrow Set 1 pkr, 24 jts 2-7/8" tbg, breaking & inspecting every collar. SIFN w/ EOT @ 1558'. - Continue LD 2-3/8" tbg & bleeder nipple. RU Wireline trk. RIH w/ gauge ring. RIH & set WRP @ 4600'. PU, tally, drift & TIH w/ stinger, x-over, 2-3/8" SN, x-over, 25 jts 2-7/8" tbg, 5-1/2" Arrow Set 1 pkr, 24 jts 2-7/8" tbg, breaking & inspecting every collar. SIFN w/ EOT @ 1558'. - Continue LD 2-3/8" tbg & bleeder nipple. RU Wireline trk. RIH w/ gauge ring. RIH & set WRP @ 4600'. PU, tally, drift & TIH w/ stinger, x-over, 2-3/8" SN, x-over, 25 jts 2-7/8" tbg, 5-1/2" Arrow Set 1 pkr, 24 jts 2-7/8" tbg, breaking & inspecting every collar. SIFN w/ EOT @ 1558'. - Continue LD 2-3/8" tbg & bleeder nipple. RU Wireline trk. RIH w/ gauge ring. RIH & set WRP @ 4600'. PU, tally, drift & TIH w/ stinger, x-over, 2-3/8" SN, x-over, 25 jts 2-7/8" tbg, 5-1/2" Arrow Set 1 pkr, 24 jts 2-7/8" tbg, breaking & inspecting every collar. SIFN w/ EOT @ 1558'. - Continue PU, tally, drift, break & dope every pin & TIH w/ used 2-7/8" tbg. Pump 10 bbls down tbg. Drop SV. Pump SV to SN. Test tbg to 3000 psi. Fish SV. RD BOP's. Pump 70 bbls packer fluid. Set Pkr w/ 15,000#'s tension. Casing doesn't test to 1500 psi w/ 1000 psi loss in 1 min. Leave pressure overnight. - Continue PU, tally, drift, break & dope every pin & TIH w/ used 2-7/8" tbg. Pump 10 bbls down tbg. Drop SV. Pump SV to SN. Test tbg to 3000 psi. Fish SV. RD BOP's. Pump 70 bbls packer fluid. Set Pkr w/ 15,000#'s tension. Casing doesn't test to 1500 psi w/ 1000 psi loss in 1 min. Leave pressure overnight. - Continue PU, tally, drift, break & dope every pin & TIH w/ used 2-7/8" tbg. Pump 10 bbls down tbg. Drop SV. Pump SV to SN. Test tbg to 3000 psi. Fish SV. RD BOP's. Pump 70 bbls packer fluid. Set Pkr w/ 15,000#'s tension. Casing doesn't test to 1500 psi w/ 1000 psi loss in 1 min. Leave pressure overnight. - Casing won't test. 1500 to 600 psi in 2 min. Release pkr. NU BOP's. TOO H w/ tbg testing casing every 20 stds. Found leak @ 1328' to 1316'. Open surface casing valve & monitor w/ no sign of movement in surface casing. RU 5-1/2" TS RBP, Retrieving head, 2-3/8"x 4' pup joint, HD pkr, TIH & set RBP @ 3825'. Set pkr & test tools to 2000 psi. TOO H w/ tbg. Set pkr @ 1327' & test casing to RBP @ 3825' (good to 2000 psi). TOO H w/ 6' & set Pkr @ 1321' (won't test). Pressure to 3000 psi @ 1/4 bpm w/ 2 bbls water. Loses 1000 psi in 2 min. Never goes below 600 psi. Pressure again to 3000 psi @ 1/4 bpm w/ 1.5 bbls water. Loses 800 psi in 2 min. SIFN. - Casing won't test. 1500 to 600 psi in 2 min. Release pkr. NU BOP's. TOO H w/ tbg testing casing every 20 stds. Found leak @ 1328' to 1316'. Open surface casing valve & monitor w/ no sign of

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SIFN. - Continue PU, tally, drift, break & dope every pin & TIH w/ used 2-7/8" tbg. Pump 10 bbls down tbg. Drop SV. Pump SV to SN. Test tbg to 3000 psi. Fish SV.

RD BOP's. Pump 70 bbls packer fluid. Set Pkr w/ 15,000#'s tension. Casing doesn't test to 1500 psi w/ 1000 psi loss in 1 min. Leave pressure overnight. - Continue PU, tally, drift, break & dope every pin & TIH w/ used 2-7/8" tbg. Pump 10 bbls down tbg. Drop SV. Pump SV to SN. Test tbg to 3000 psi. Fish SV. RD BOP's. Pump 70 bbls packer fluid. Set Pkr w/ 15,000#'s tension. Casing doesn't test to 1500 psi w/ 1000 psi loss in 1 min. Leave pressure overnight. - Continue PU, tally, drift, break & dope every pin & TIH w/ used 2-7/8" tbg. Pump 10 bbls down tbg. Drop SV. Pump SV to SN. Test tbg to 3000 psi. Fish SV. RD BOP's. Pump 70 bbls packer fluid. Set Pkr w/ 15,000#'s tension. Casing doesn't test to 1500 psi w/ 1000 psi loss in 1 min. Leave pressure overnight. - Continue LD 2-3/8" tbg & bleeder nipple. RU Wireline trk. RIH w/ gauge ring. RIH & set WRP @ 4600'. PU, tally, drift & TIH w/ stinger, x-over, 2-3/8" SN, x-over, 25 jts 2-7/8" tbg, 5-1/2" Arrow Set 1 pkr, 24 jts 2-7/8" tbg, breaking & inspecting every collar. SIFN w/ EOT @ 1558'. - Continue LD 2-3/8" tbg & bleeder nipple. RU Wireline trk. RIH w/ gauge ring. RIH & set WRP @ 4600'. PU, tally, drift & TIH w/ stinger, x-over, 2-3/8" SN, x-over, 25 jts 2-7/8" tbg, 5-1/2" Arrow Set 1 pkr, 24 jts 2-7/8" tbg, breaking & inspecting every collar. SIFN w/ EOT @ 1558'. - Continue LD 2-3/8" tbg & bleeder nipple. RU Wireline trk. RIH w/ gauge ring. RIH & set WRP @ 4600'. PU, tally, drift & TIH w/ stinger, x-over, 2-3/8" SN, x-over, 25 jts 2-7/8" tbg, 5-1/2" Arrow Set 1 pkr, 24 jts 2-7/8" tbg, breaking & inspecting every collar. SIFN w/ EOT @ 1558'. - Continue LD 2-3/8" tbg & bleeder nipple. RU Wireline trk. RIH w/ gauge ring. RIH & set WRP @ 4600'. PU, tally, drift & TIH w/ stinger, x-over, 2-3/8" SN, x-over, 25 jts 2-7/8" tbg, 5-1/2" Arrow Set 1 pkr, 24 jts 2-7/8" tbg, breaking & inspecting every collar. SIFN w/ EOT @ 1558'. - MIRUSU. RU Hot Oiler & pump 60 bbls water down casing @ 250°. Unseat pump. Flush rods w/ 40 bbls water. TOOH w/ rods. Flush rods w/ 30 bbls half way out. RU tbg equipment. Release TA. TOOH w/ 2-3/8" tbg laying down on trailer. Flush tbg w/ 30 bbls water half way out. SIFN. - MIRUSU. RU Hot Oiler & pump 60 bbls water down casing @ 250°. Unseat pump. Flush rods w/ 40 bbls water. TOOH w/ rods. Flush rods w/ 30 bbls half way out. RU tbg equipment. Release TA. TOOH w/ 2-3/8" tbg laying down on trailer. Flush tbg w/ 30 bbls water half way out. SIFN. **Finalized**
Daily Cost: \$0
Cumulative Cost: \$34,545

11/10/2011 Day: 5
Conversion

WWS #5 on 11/10/2011 - TIH w/ new arrow Set. Tbg won't test. - TIH w/ tbg. Release RBP @ 3825'. TOOH w/ tbg. TIH w/ stinger, x-over sub, 2-3/8" SN, x-over sub, 25 jts 2-7/8" tbg, 5-1/2" Arrow Set 1 pkr, 120 jts tbg. Flush tbg w/ 40 bbls hot water. Drop SV. Pump to btm. Try to test tbg. Losses 160 psi in 10 min @ 3000 psi. Changed out SV twice & still has same bled off. SIFN. - TIH w/ tbg. Release RBP @ 3825'. TOOH w/ tbg. TIH w/ stinger, x-over sub, 2-3/8" SN, x-over sub, 25 jts 2-7/8" tbg, 5-1/2" Arrow Set 1 pkr, 120 jts tbg. Flush tbg w/ 40 bbls hot water. Drop SV. Pump to btm. Try to test tbg. Losses 160 psi in 10 min @ 3000 psi. Changed out SV twice & still has same bled off. SIFN. - Pressure tbg to 3000 psi. Still leaks 160 psi in 10 min. Retrieve SV. TOOH w/ tbg. Found collar leak above pkr. TIH w/ tbg. Test tbg to 3000 psi. Retrieve SV. SIFN. - TIH w/ tbg. Release RBP @ 3825'. TOOH w/ tbg. TIH w/ stinger, x-over sub, 2-3/8" SN, x-over sub, 25 jts 2-7/8" tbg, 5-1/2" Arrow Set 1 pkr, 120 jts tbg. Flush tbg w/ 40 bbls hot water. Drop SV. Pump to btm. Try to test tbg. Losses 160 psi in 10 min @ 3000 psi. Changed out SV twice & still has same bled off. SIFN. - Pressure tbg to 3000 psi. Still leaks 160 psi in 10 min. Retrieve SV. TOOH w/ tbg. Found collar leak above pkr. TIH w/ tbg. Test tbg to 3000 psi. Retrieve SV. SIFN. - Pressure tbg to 3000 psi. Still leaks 160 psi in 10 min. Retrieve SV. TOOH w/ tbg. Found collar leak above pkr. TIH w/ tbg. Test tbg to 3000 psi. Retrieve SV. SIFN. - Pressure tbg to 3000 psi. Still leaks 160 psi in 10 min. Retrieve SV. TOOH w/ tbg. Found collar leak above pkr. TIH w/ tbg. Test tbg to 3000 psi. Retrieve SV. SIFN. - TIH w/ tbg. Release RBP @ 3825'. TOOH w/ tbg. TIH w/ stinger, x-over sub, 2-3/8" SN, x-over sub, 25 jts 2-7/8" tbg, 5-1/2" Arrow Set 1 pkr, 120 jts tbg. Flush tbg w/ 40 bbls

hot water. Drop SV. Pump to btm. Try to test tbg. Losses 160 psi in 10 min @ 3000 psi.
 Changed out SV twice & still has same bled off. SIFN. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$42,180

11/19/2011 Day: 7

Conversion

WWS #5 on 11/19/2011 - Pump Angard. - RU Haliburton & pump 70 bbls of pkr fluid, 24 bbls of Angard. Set Arrow Set 1 pkr @ 3813' w/ pkr @ 4602'. Squeeze 1.5 bbls Angard into hole in casing. Leave 500 psi on casing. SIFN. - RU Haliburton & pump 70 bbls of pkr fluid, 24 bbls of Angard. Set Arrow Set 1 pkr @ 3813' w/ pkr @ 4602'. Squeeze 1.5 bbls Angard into hole in casing. Leave 500 psi on casing. SIFN. - Check pressure 200 psi on casing. Pressure Casing to 1000 psi good test. Conduct MIT on well. - Check pressure 200 psi on casing. Pressure Casing to 1000 psi good test. Conduct MIT on well. - Check pressure 200 psi on casing. Pressure Casing to 1000 psi good test. Conduct MIT on well. - RU Haliburton & pump 70 bbls of pkr fluid, 24 bbls of Angard. Set Arrow Set 1 pkr @ 3813' w/ pkr @ 4602'. Squeeze 1.5 bbls Angard into hole in casing. Leave 500 psi on casing. SIFN. - RU Haliburton & pump 70 bbls of pkr fluid, 24 bbls of Angard. Set Arrow Set 1 pkr @ 3813' w/ pkr @ 4602'. Squeeze 1.5 bbls Angard into hole in casing. Leave 500 psi on casing. SIFN. - Check pressure 200 psi on casing. Pressure Casing to 1000 psi good test. Conduct MIT on well.

Daily Cost: \$0

Cumulative Cost: \$69,961

11/23/2011 Day: 9

Conversion MIT

Rigless on 11/23/2011 - Conduct MIT - On 11/14/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/14/2011 the casing was pressured up to 1375 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test - On 11/14/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/14/2011 the casing was pressured up to 1375 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test

Finalized

Daily Cost: \$0

Cumulative Cost: \$78,686

Pertinent Files: Go to File List

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-44426
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: GETTY 12-1
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013308890000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0501 FNL 2012 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 12 Township: 09.0S Range: 16.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 12/30/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Put On Injection"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
The above reference well was put on injection at 9:30 AM on 12/30/2011.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY <small>01/30/2012</small>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 1/3/2012



January 10, 2011

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Getty #12-1-9-16
Monument Butte Field, Lease #UTU-44426
Section 12-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Getty #12-1-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg", is written over a long, thin horizontal line.

Eric Sundberg
Regulatory Lead

RECEIVED

JAN 13 2011

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
GETTY #12-1-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-44426
JANUARY 10, 2011

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ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED – 2/14/84 - 4/2/84 & 8/31/94 <i>not available</i>
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: Getty #12-1-9-16
Field or Unit name: Monument Butte (Green River) Lease No. UTU-44426
Well Location: QQ NWNE section 12 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? Yes [X] No []
Will the proposed well be used for: Enhanced Recovery? Yes [X] No []
 Disposal? Yes [] No [X]
 Storage? Yes [] No [X]
Is this application for a new well to be drilled? Yes [] No [X]
If this application is for an existing well,
has a casing test been performed on the well? Yes [] No [X]
Date of test: _____
API number: 43-013-30889

Proposed injection interval: from 3965 to 6044
Proposed maximum injection: rate 500 bpd pressure 1163 psig
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Attachments "A" through "H-1"

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

Name: Eric Sundberg Signature 
Title Regulatory Lead Date 1/11/11
Phone No. (303) 893-0102

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

Getty Federal #12-1-9-16

Spud Date: 1/30/84
 Put on Production: 3/13/84
 GL: 5412' KB: 5425'

Initial Production: 60 BOPD,
 106 MCFD, 3 BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

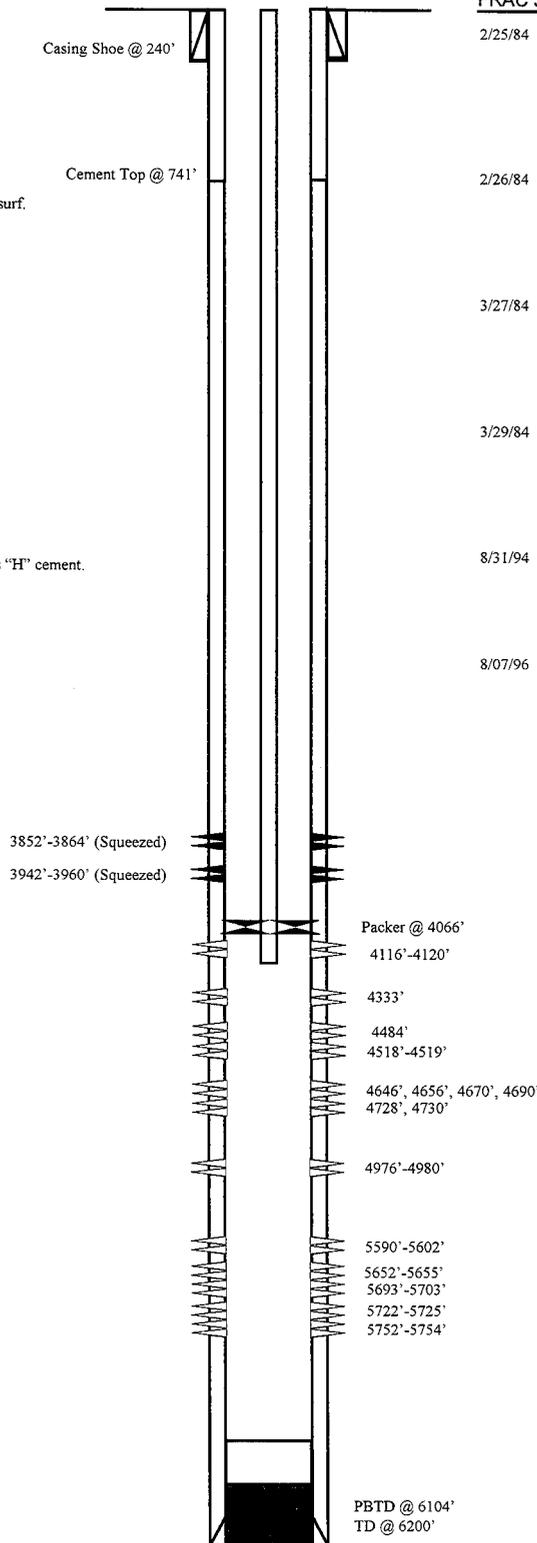
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 jts. (227')
 DEPTH LANDED: 240'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 175 sxs Class "H" cmt, circulate to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 151 jts. (6160')
 DEPTH LANDED: 6173'
 HOLE SIZE: 8 3/4"
 CEMENT DATA: 760 sxs 65/35 POZ & 555 sxs Class "H" cement.
 CEMENT TOP AT: 741' per CBL

TUBING

SIZE/GRADE/WT.: 2-3/8" / J-55 / ?#
 NO. OF JOINTS: 127 jts (4077.23')
 TUBING ANCHOR: 4093.03' KB
 NO. OF JOINTS: 59 jts (1684.85')
 SEATING NIPPLE: 2-3/8" (1.10')
 SN LANDED AT: 5778.75' KB
 NO. OF JOINTS: 1 jts Perf sub. (3.00')
 NO. OF JOINTS: 1 jts (26.40')
 TOTAL STRING LENGTH: EOT @ 5808.32' KB



FRAC JOB

Date	Wellbore	Fracture Details
2/25/84	5693'-5754'	Frac zone as follows: 60,000# 20/40 sand + 20,000# 12/20 sand in 642 bbls Apollo fluid. Treated @ avg press of 2800 psi w/avg rate of 27 BPM. ISIP 1200 psi. Calc. flush: 5693 gal. Actual flush: 2058 gal. Screened out w/ 13,000# sand in casing.
2/26/84	3852'-4730'	Frac zone as follows: 60,000# 20/40 sand + 20,000# 10/20 sand in 717 bbls Apollo fluid. Treated @ avg press of 3400 psi w/avg rate of 30 BPM. ISIP 1400 psi. Calc. flush: 3852 gal. Actual flush: 3864 gal.
3/27/84	5590'-5602'	Frac zone as follows: 50,000# 20/40 sand in 476 bbls Apollo fluid. Treated @ avg press of 4600 psi w/avg rate of 20 BPM. ISIP 1500 psi. Calc. flush: 1401 gal. Actual flush: 1386 gal.
3/29/84	4399'-4410'	Frac zone as follows: 50,000# 20/40 sand in 476 bbls Apollo fluid. Treated @ avg press of 4300 psi w/avg rate of 21 BPM. ISIP 1750 psi. Calc. flush: 1114 gal. Actual flush: 1113 gal.
8/31/94	4976'-4980'	Frac zone as follows: 13,560# 16/30 sand in 123 bbls Viking I-35 fluid. Treated @ avg press of 4500 psi w/avg rate of 8.1 BPM. ISIP 1740 psi. Calc. flush: 950 gal. Actual flush: 924 gal.
8/07/96		Pump change. Update rod and tubing details.

PERFORATION RECORD

Date	Wellbore	Perforation Details
2/25/84	5652', 5654', 5655', 5693', 5698', 5700', 5703', 5722', 5725', 5752', 5754'	1 JSPF
2/26/84	3852', 3858', 3860', 3862', 3864', 3942', 3946', 3952', 3956', 3960', 4116', 4118', 4120', 4333', 4393', 4396', 4398', 4400', 4402', 4405', 4408', 4484', 4518', 4519', 4646', 4656', 4670', 4690', 4728', 4730'	1 JSPF
3/27/84	5590'-5602'	4 JSPF 48 holes
3/30/84	4399'-4410'	3 JSPF 30 holes
8/31/94	4976'-4980'	4 JSPF 16 holes



Getty Fed. #12-1-9-16
 501' FNL & 2012' FEL
 NWNE Section 12-T9S-R19E
 Duchesne Co, Utah
 API #43-013-30889; Lease #UTU-44426

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

- 2.1 The name and address of the operator of the project.**

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

- 2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

- 2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Getty #12-1-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

- 2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

- 2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Getty #12-1-9-16 well, the proposed injection zone is from Garden Gulch to Wasatch (3965' - 6044'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3640' and the TD is at 6200'.

- 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Getty #12-1-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-44426) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.
 - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
 - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 240' KB, and 5-1/2", 15.5# casing run from surface to 6173' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
 - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
 - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1163 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Getty #12-1-9-16, for existing perforations (3852' - 5754') calculates at 0.64 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1163 psig. We may add additional perforations between 3640' and 6044'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Getty #12-1-9-16, the proposed injection zone (3965' - 6044') is in the Garden Gulch to the Wasatch of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-11.

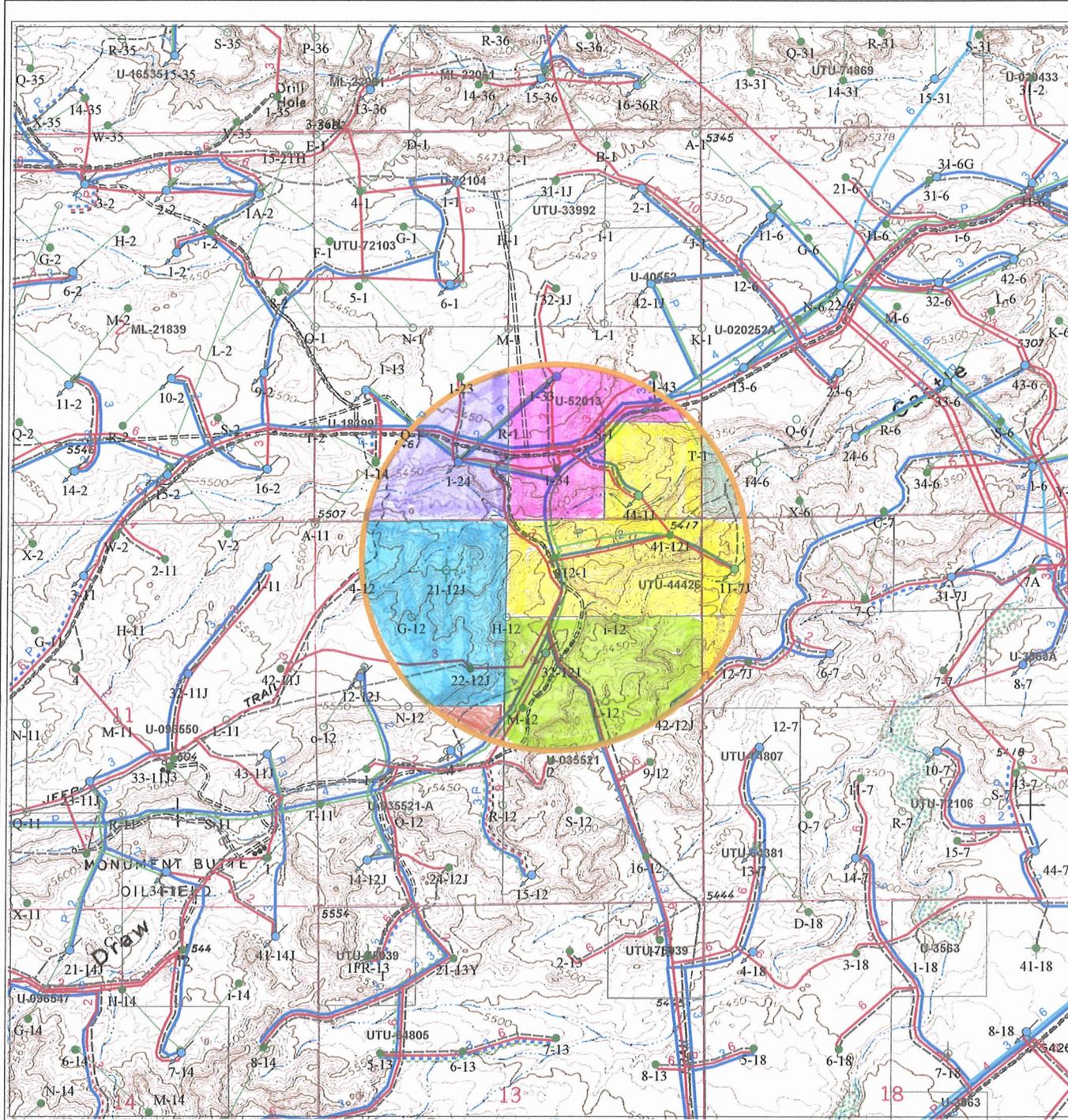
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.



12-1-9-16 1/2mile radius

Well Status

- Location
- CTI
- Surface Spud
- Drilling
- Waiting on Completion
- Producing Oil Well
- ⊛ Producing Gas Well
- ⊙ Water Injection Well
- Dry Hole
- Temporarily Abandoned
- ⊛ Plugged & Abandoned
- ⊙ Shut In

Injection system

- high pressure
- low pressure
- - - proposed
- return
- - - return proposed

Leases

- Leases
- Mining tracts

Gas Pipelines

- Gathering lines
- - - Proposed lines

- UTU - 44426
- UTU - 035521
- UTU - 094550
- UTU - 19399
- UTU - 52013
- UTU - 020252-A
- UTU - 035521-A

Getty 12-1
Section 12, T9S-R16E

NEWFIELD

ROCKY MOUNTAINS 1" = 2000'

1/2 Mile Radius Map
Dukesne & Uintah Counties

1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

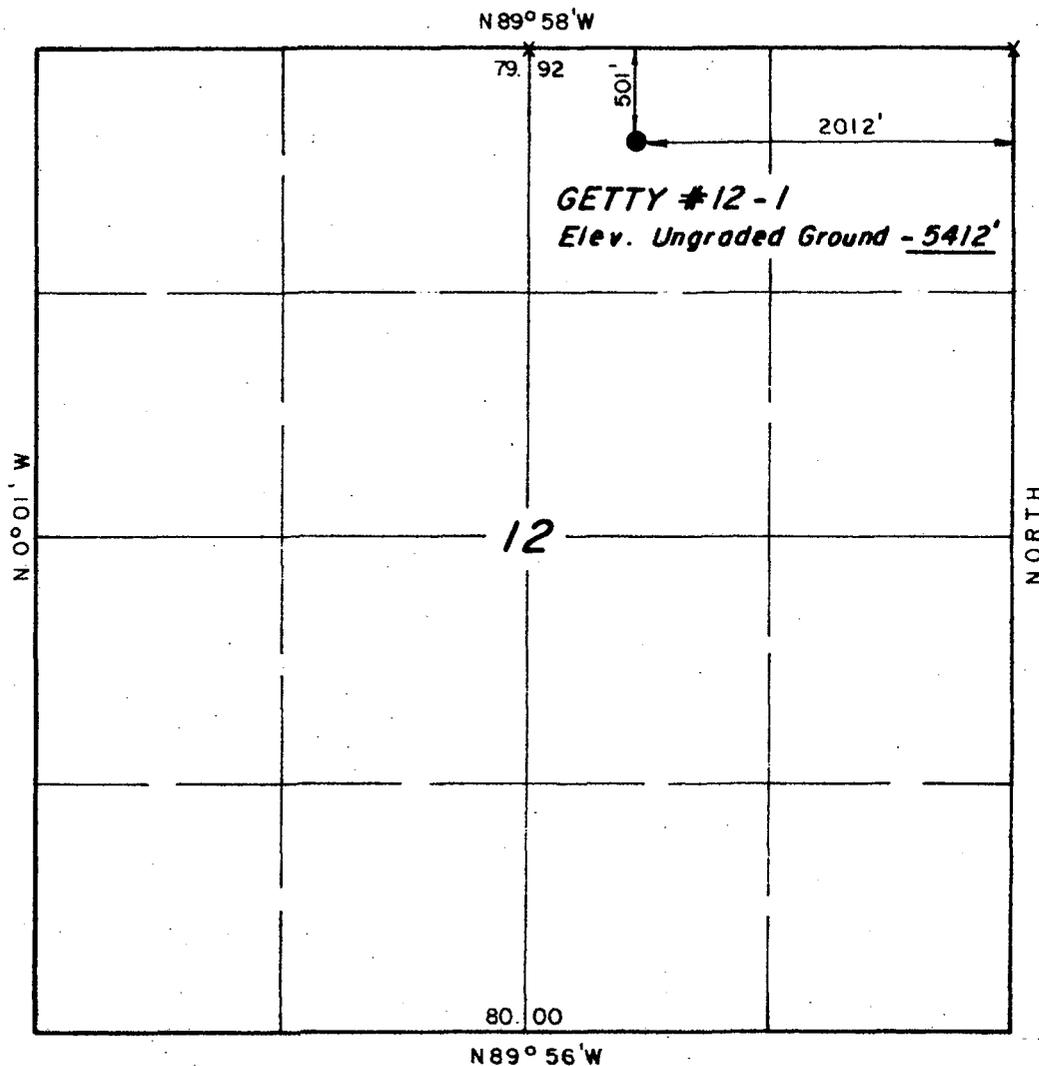
October 5, 2010

PROJECT

ALTA ENERGY CORP.
 (TEXAS DOMESTIC) D-B-A ALTE CORP.

Well location, *GETTY #12-1*, located as shown in the NW 1/4 NE 1/4 Section 12, T9S, R16E, S.L.B. &M. Duchesne County, Utah.

T 9 S , R 16 E , S . L . B . & M .



X = Section Corners Located



CERTIFICATE

I HEREBY 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.

[Signature]

REGISTERED LAND SURVEYOR
 REGISTRATION NO 2454
 STATE OF UTAH

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

SCALE	1" = 1000'	DATE	12/9/83
PARTY	DA RT GS RP	REFERENCES	GLO Plat
WEATHER	Cold / Clear	FILE	ALTE CORP.

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	<u>T9S,R16E SLM</u> Section 1: SESE Section 12: N2NE <u>T9S,R17E SLM</u> Section 7: Lots 1-2 (W2NW), E2NW, N2NE, SWNE	USA UTU-44426 HBP	Newfield Production Company Newfield RMI LLC Lynn Cowden	USA
2	<u>T9S,R16E SLM</u> Section 12: S2NE, SE	USA UTU-035521 HBP	Newfield Production Company Newfield RMI LLC Carl B. Field Montana & Wyoming Oil Co. Vaughey & Vaughey Bonnie B. Warne John R. Warne	USA
3	<u>T9S,R16E SLM</u> Section 11: N2, NESW, SE Section 12: NW Section 14: N2NE, SENE, NESE	USA UTU-096550 HBP	Newfield Production Company Newfield RMI LLC	USA
4	<u>T9S,R16E SLM</u> Section 1: SW	USA UTU-18399 HBP	Newfield Production Company Newfield RMI LLC	USA

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
5	<u>T9S,R16E SLM</u> Section 1: N2SE, SWSE	USA UTU-52013 HBP	Newfield Production Company Newfield RMI LLC	USA
6	<u>T9S,R17E SLM</u> Section 6: All	USA UTU-020252-A HBP	Newfield Production Company Newfield RMI LLC	USA
7	<u>T9S,R16E SLM</u> Section 12: SW	USA UTU-035521-A HBP	Newfield Production Company Newfield RMI LLC Carl B. Field Thomas J. Lambert Montana & Wyoming Oil Co. Vaughey & Vaughey Bonnie B. Warne John R. Warne	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Getty #12-1-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: 
Newfield Production Company
Eric Sundberg
Regulatory Lead

Sworn to and subscribed before me this 11th day of January, 2011.

Notary Public in and for the State of Colorado: Candice L. Twitty

My Commission Expires: 02/10/2013



Getty Federal #12-1-9-16

Spud Date: 1/30/84
Put on Production: 3/13/84

GL: 5412' KB: 5425'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 6 jts. (227')
DEPTH LANDED: 240'
HOLE SIZE: 12-1/4"
CEMENT DATA: 175 sxs Class "H" cmt, circulate to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 151 jts. (6160')
DEPTH LANDED: 6173'
HOLE SIZE: 8 3/4"
CEMENT DATA: 760 sxs 65/35 POZ & 555 sxs Class "H" cement.
CEMENT TOP AT: 741' per CBL

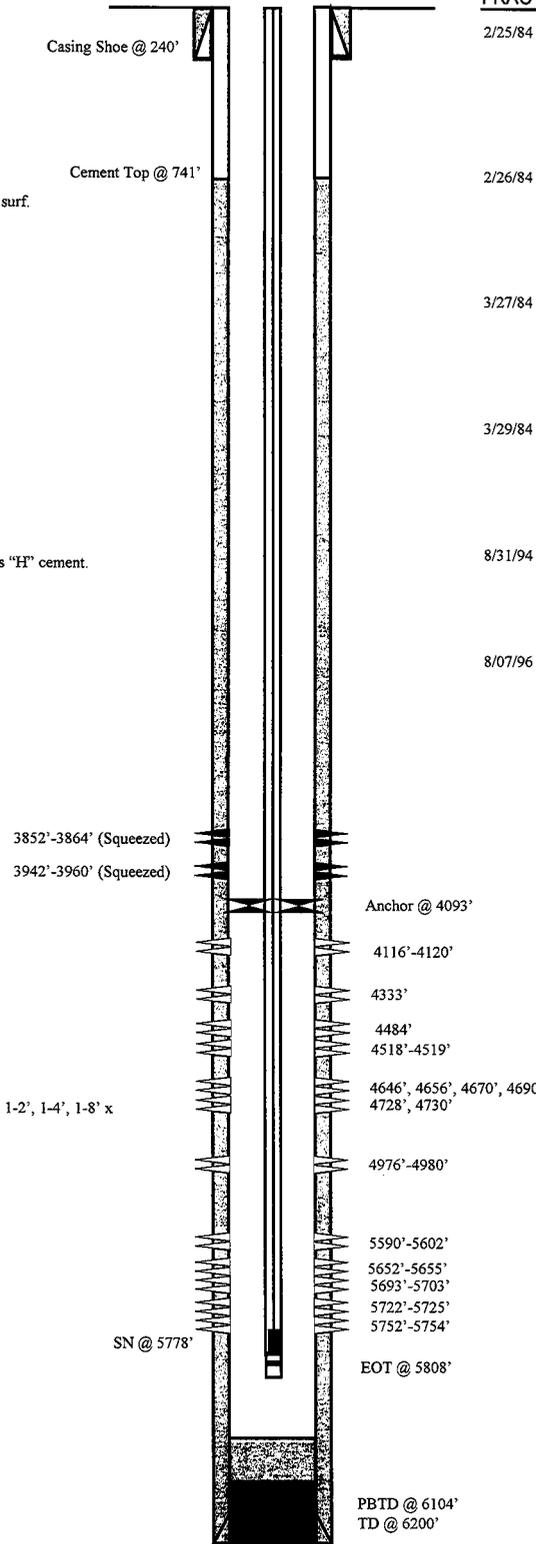
TUBING

SIZE/GRADE/WT.: 2-3/8" / J-55 / ?#
NO. OF JOINTS: 127 jts (4077.23')
TUBING ANCHOR: 4093.03' KB
NO. OF JOINTS: 59 jts (1684.85')
SEATING NIPPLE: 2-3/8" (1.10')
SN LANDED AT: 5778.75' KB
NO. OF JOINTS: 1 jts Perf sub. (3.00')
NO. OF JOINTS: 1 jts (26.40')
TOTAL STRING LENGTH: EOT @ 5808.32' KB

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' SM
SUCKER RODS: 26-3/4" guide rods; 203-3/4" plain rods, 1-2', 1-4', 1-8' x 3/4" pony rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC
STROKE LENGTH:
PUMP SPEED, SPM:
LOGS: DIGL/SP/GR/CAL

Wellbore Diagram



Initial Production: 60 BOPD,
106 MCFD, 3 BWPD

FRAC JOB

Date	Depth Range	Fracture Details
2/25/84	5693'-5754'	Frac zone as follows: 60,000# 20/40 sand + 20,000# 12/20 sand in 642 bbls Apollo fluid. Treated @ avg press of 2800 psi w/avg rate of 27 BPM. ISIP 1200 psi. Calc. flush: 5693 gal. Actual flush: 2058 gal. Screened out w/ 13,000# sand in casing.
2/26/84	3852'-4730'	Frac zone as follows: 60,000# 20/40 sand + 20,000# 10/20 sand in 717 bbls Apollo fluid. Treated @ avg press of 3400 psi w/avg rate of 30 BPM. ISIP 1400 psi. Calc. flush: 3852 gal. Actual flush: 3864 gal.
3/27/84	5590'-5602'	Frac zone as follows: 50,000# 20/40 sand in 476 bbls Apollo fluid. Treated @ avg press of 4600 psi w/avg rate of 20 BPM. ISIP 1500 psi. Calc. flush: 1401 gal. Actual flush: 1386 gal.
3/29/84	4399'-4410'	Frac zone as follows: 50,000# 20/40 sand in 476 bbls Apollo fluid. Treated @ avg press of 4300 psi w/avg rate of 21 BPM. ISIP 1750 psi. Calc. flush: 1114 gal. Actual flush: 1113 gal.
8/31/94	4976'-4980'	Frac zone as follows: 13,560# 16/30 sand in 123 bbls Viking I-35 fluid. Treated @ avg press of 4500 psi w/avg rate of 8.1 BPM. ISIP 1740 psi. Calc. flush: 950 gal. Actual flush: 924 gal.
8/07/96		Pump change. Update rod and tubing details.

PERFORATION RECORD

2/25/84	5652', 5654', 5655', 5693', 5698', 5700', 5703', 5722', 5725', 5752', 5754'	1 JSPP
2/26/84	3852', 3858', 3860', 3862', 3864', 3942', 3946', 3952', 3956', 3960', 4116', 4118', 4120', 4333', 4393', 4396', 4398', 4400', 4402', 4405', 4408', 4484', 4518', 4519', 4646', 4656', 4670', 4690', 4728', 4730'	1 JSPP
3/27/84	5590'-5602'	4 JSPP 48 holes
3/30/84	4399'-4410'	3 JSPP 30 holes
8/31/94	4976'-4980'	4 JSPP 16 holes



Getty Fed. #12-1-9-16
501' FNL & 2012' FEL
NWNE Section 12-T9S-R19E
Duchesne Co, Utah
API #43-013-30889; Lease #UTU-44426

Monument Butte Federal 1-33-9-16

Spud Date: 4/27/83
 Put on production: 6/16/83
 Put on Injection: 8/18/94
 GL: 5417' KB: 5437'

Initial Production: 110 BOPD,
 50 MCFD, 0 BWPD

Injection Diagram

SURFACE CASING

SIZE: 8 5/8" / K-55 / 24#
 LENGTH: 7 jts @ 284'
 DEPTH LANDED: 304' KB
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 225 sxs, Class G, Cemented to Surface

PRODUCTION CASING

SIZE: 5 1/2" / J-55 / 15.5#
 LENGTH: 12 jts (519')
 SIZE: 5 1/2" / J-55 / 14#
 LENGTH: 126 jts (5578')
 DEPTH LANDED: 6120' KB
 HOLE SIZE: 7 7/8"
 CEMENT DATA: 390 sx, BJ Lite + 710 sx, Class G
 CEMENT TOP AT: 1880' KB from CBL

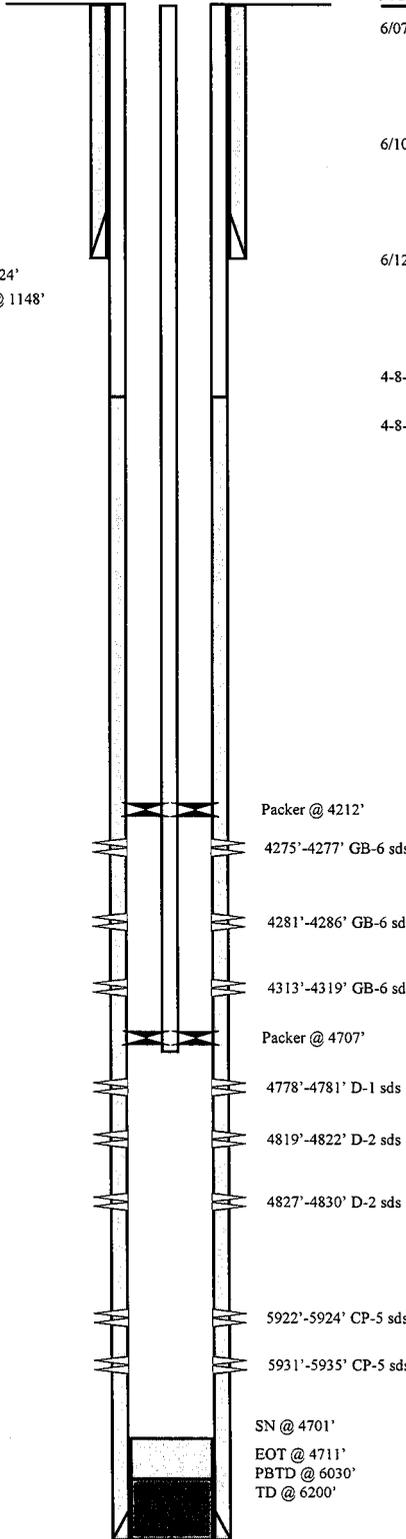
Top of cement @ 524'
 Bottom of cement @ 1148'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 129 jts (4181.5')
 TUBING PUP: 2-7/8" / N-80 / 6.5#
 NO. OF JOINTS: 2 jts (10.0')
 TUBING PACKER: 4216'
 CROSSOVER: 2 3/8" J-55
 NO. OF JOINTS: 15 jts 2 3/8" (480.2')
 SEATING NIPPLE: 2-3/8" / N-80 (1.10')
 SN LANDED AT: 4701.3 KB
 CROSSOVER: 2 7/8" J-55
 STINGER & LOCATOR AT 4703'
 TUBING PACKER: 4707'
 TOTAL STRING LENGTH: EOT @ 4711'

FRAC JOB

6/07/83	5922'-5935'	Frac zone as follows: 52,000# 20/40 sand in 755 bbls fluid. Treated @ avg press of 2300 psi w/avg rate of 20 BPM. ISIP 2100 psi. Calc. flush: 5922 gal., Actual flush: 6100 gal.
6/10/83	4778'-4830'	Frac zone as follows: 50,000# 20/40 sand in 693 bbls fluid. Treated @ avg press of 1857 psi w/avg rate of 20 BPM. ISIP 2000 psi. Calc. flush: 4778 gal., Actual flush: 5100 gal.
6/12/83	4275'-4319'	Frac zone as follows: 70,000# 20/40 sand in 776 bbls fluid. Treated @ avg press of 2100 psi w/avg rate of 20 BPM. ISIP 2000 psi. Calc. flush: 4275 gal., Actual flush: 4600 gal.
4-8-10		Workover - Casing Leak - tbg detail updated
4-8-10		MIT



PERFORATION RECORD

Date	Interval	Type	Holes
6/07/83	5931'-5935'	3 JSPF	12 holes
6/07/83	5922'-5924'	3 JSPF	06 holes
6/09/83	4827'-4830'	2 JSPF	06 holes
6/09/83	4819'-4822'	2 JSPF	08 holes
6/09/83	4778'-4781'	2 JSPF	08 holes
6/12/83	4313'-4319'	3 JSPF	18 holes
6/12/83	4281'-4286'	3 JSPF	18 holes
6/12/83	4275'-4277'	3 JSPF	12 holes

NEWFIELD

Monument Butte Federal 1-33-9-16
 1980 FSL & 1980 FEL
 NWSE Section 1-T9S-R16E
 Duchesne Co, Utah
 API #43-013-30735; Lease #U-52013

Spud Date: 12/11/82
 Put on production: 2/2/83
 Put on Injection: 8/18/94
 GL: 5459' KB: 5474.5'

Monument Butte Federal #1-24-9-16

Initial Production: 62 STBOPD,
 75 MCFD, 40 STBWPD

Injection Diagram

SURFACE CASING

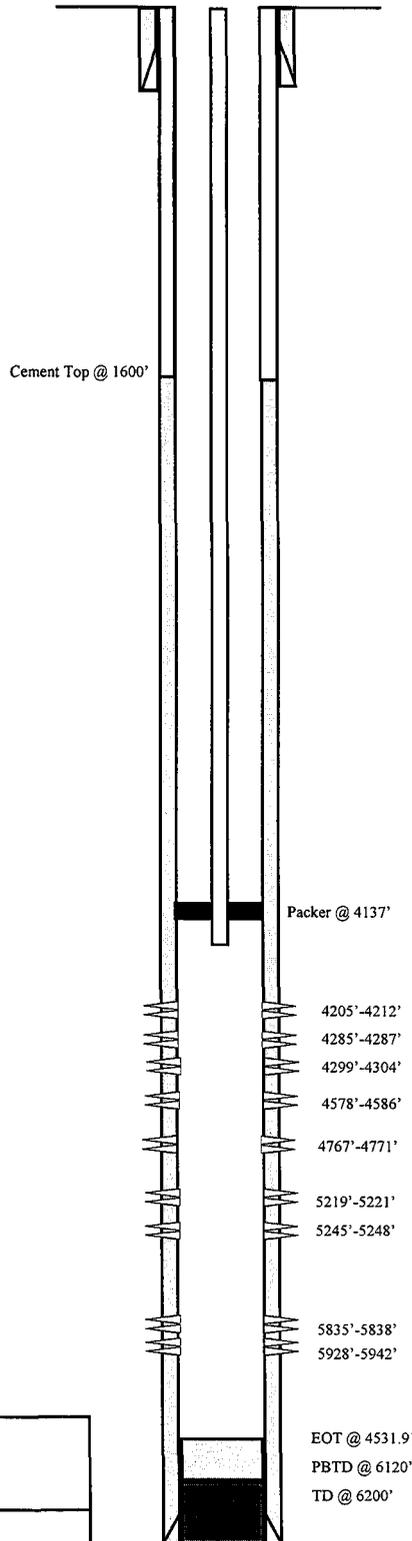
SIZE: 8 5/8" / J-55 / 24 lbs
 LENGTH: 7 jts @ 274'
 HOLE SIZE: 12 1/4"
 DEPTH LANDED: 289' KB
 CEMENT DATA: 225 sx, Class G Cement to surface

PRODUCTION CASING

SIZE: 5 1/2" / J-55 / 15.5#
 LENGTH: 472'
 SIZE: 5 1/2" / J-55 / 14#
 LENGTH: 5693'
 HOLE SIZE: 7 7/8"
 DEPTH LANDED: 6170' KB
 CEMENT DATA: 480 sx, BJ Lite & 650 sx, Class G
 CEMENT TOP AT: 1600' KB from CBL

INJECTION EQUIPMENT & SIZE

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 1 @ (32.50')
 2 7/8" TBG SUB: @ (4.00')
 2 7/8" TBG SUB: @ (10.00')
 NO. OF JOINTS: 127 jts @ (4069.84')
 PACKER @ (4136.79')
 NO. OF JOINTS: 11
 "XA SLIDING SLEEVE @ (3.13')
 NO OF JOINTS: 1 @ (31.62')
 TOTAL STRING LENGTH: EOT @ 4531.91' KB



FRAC JOB

1/25/83. 4205'- 4304', Frac w/Halliburton
 51500 gal X-linked Gel w/142000 lbs 20-40 sand. Avg. 30 BPM @ 2442 psig, max @ 2590 psig, ISIP @ 2230 psig, 5 min @ 1950 psig, 10 min @ 1860 psig, 15 min @ 1800 psig.

1/19/83. 4578'- 4586', Frac w/Halliburton
 22720 gal X-linked Gel w/57500 lbs 20-40 sand. Avg. 26 BPM @ 2571 psig, max @ 2910 psig, ISIP @ 2220 psig, 5 min @ 2080 psig, 10 min @ 2030 psig, 15 min @ 2000 psig

1/14/83. 4767'- 5221', Frac w/Halliburton
 26900 gal X-linked Gel w/61500 lbs 20-40 sand. Avg. 35 BPM @ 2973 psig, max @ 3250 psig, ISIP @ 1970 psig, 5 min @ 1860 psig, 10 min @ 1780 psig, 15 min @ 1740 psig.

1/9/83. 5835'- 5942', Frac w/Halliburton
 36000 gal X-linked Gel w/89000 lbs 20-40 sand. Avg. 30 BPM @ 2566 psig, max @ 2960 psig, ISIP @ 2020 psig, 5 min @ 1830 psig, 10 min @ 1770 psig, 15 min @ 1700 psig.

7/10/02 Tubing leak, MIT. Update tubing details.

11/10/06 Re-completion, Acidize BSS, A1, A3, and D1 sds. Drill out CIBP

10/13/06 5928'-5942' Acidize BSS sand as follows:
 5 BW ahead of acid: IR @ 1 BPM @ 1000 psi, 350 gals acid on perms: IR @ 1 BPM @ 1575 psi, 5 BW overdisplacement: Final IR @ 1 BPM @ 1660 psi, ISIP 1650 psi

10/13/06 5219'-5248' Acidize A1 & A5 sands as follows:
 5 BW ahead of acid: IR @ .5 BPM @ 4000 psi, 400 gals acid on perms: IR @ 1.5 BPM @ 1100 psi 5 BW overdisplacement: Final IR @ 1.5 BPM @ 1100 psi, ISIP 1400 psi.

PERFORATION RECORD

4205'- 4212'	1 SPF
4285'- 4287'	1 SPF
4299'- 4304'	1 SPF
4578'- 4586'	2 SPF
4767'- 4771'	2 SPF
5219'- 5221'	1 SPF
5245'- 5248'	1 SPF
5835'- 5838'	1 SPF
5928'- 5942'	1 SPF



Monument Butte Federal #1-24-9-16
 820 FSL & 1950 FWL
 SESW Section 1-T9S-R16E
 Duchesne Co, Utah
 API #43-013-30701; Lease #U-18399

Monument Butte #1-34

Spud Date: 3/27/83
 Put on Production: 6/13/83
 GL: 5449' KB: 5459'

Initial Production: 65 STBOPD,
 35 MCFD, 0 STBWPD

Wellbore Diagram

SURFACE CASING

SIZE: 8 5/8" / K-55 / 24 lbs.
 LENGTH: 7 jts @ 290'
 HOLE SIZE: 12 1/4"
 DEPTH LANDED: 300' KB
 CEMENT DATA: 225 sx Class "G" cement to surface.

PRODUCTION CASING

SIZE: 5 1/2" / J-55 / 15.5 lbs.
 LENGTH: 0' - 600'
 SIZE: 5 1/2" / J-55 / 14 lbs.
 LENGTH: 600' - 6170'
 HOLE SIZE: 7 7/8"
 DEPTH LANDED: 6170' KB
 CEMENT DATA: 300 sx BJ Lite & 760 sx Class G
 CEMENT TOP AT: 1720' from CBL

TUBING RECORD

SIZE/GRADE/WT.: 2 7/8", J-55, 6.5 lbs.
 NO. OF JOINTS: 148 jts (4681')
 TUBING ANCHOR: 4694'
 NO. OF JOINTS: 39 jts (1232')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 5926' KB
 PERF. SUB: 4.0'
 TOTAL STRING LANDED: EOT @ 5960'

SUCKER RODS

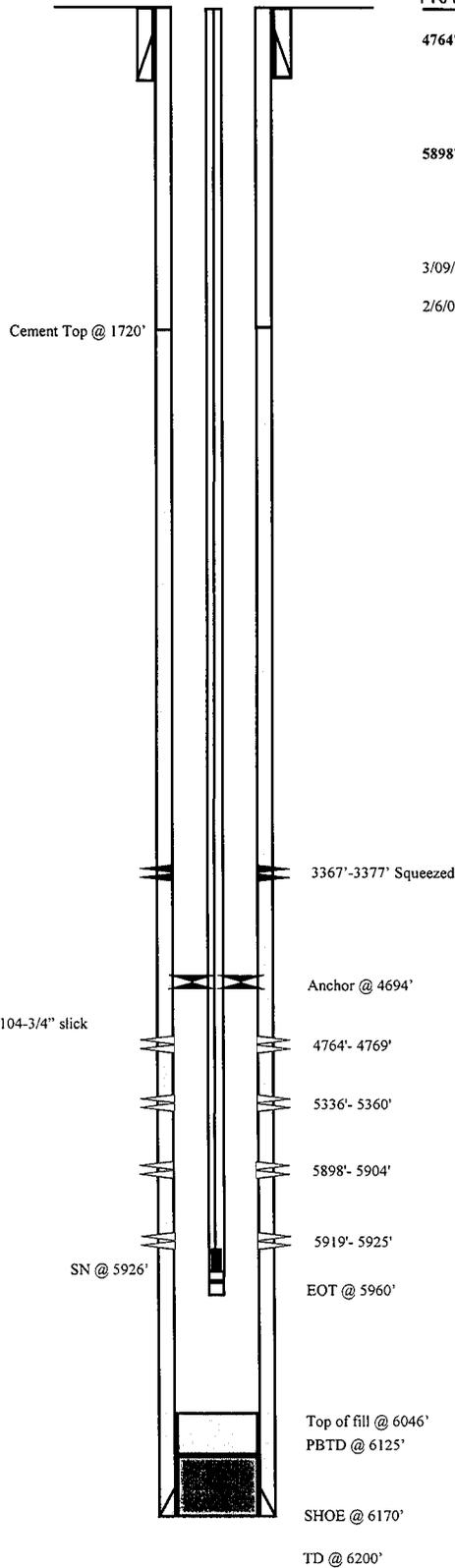
POLISHED ROD: 1-1/4" x 22' SM
 SUCKER RODS: 6-1 1/2" weight bars; 35-3/4" scraper rods; 104-3/4" slick rods, 90-3/4" scraper rods, 2-2", 1-8" x 3/4" pony rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 15" RHAC
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 5 SPM
 LOGS: DIGL/SP/GR/CAL

FRAC JOB

4764'- 4769', **Frac w/Halliburton on 6/5/83.**
 32500 gal X-Link Gel w/86000 lbs 20-40 mesh sand. Avg. 15 BPM @ 2120 psig, max @ 2430 psig, ISIP @ 2260 psig, 15 min @ 2040 psig. 5336'- 5360' Zone not fraced.

5898'- 5925', **Frac w/Halliburton on 4/23/83.**
 57000 gal Versagel w/147000 lbs 20-40 mesh sand. Avg. 15 BPM @ 2027 psig, max @ 2470 psig, ISIP @ 2260 psig, 5 min @ 2110 psig, 10 min @ 2040 psig, 15 min 1980 psig.

3/09/02 Rod job. Update rod and tubing details.
 2/6/04 Pump change. Update rod details.



PERFORATION RECORD

3367'- 3377' (10') 2 SPF Squeezed 6/11/83
 4764'- 4769' (5') 3 SPF
 5336'- 5360' (14') 2 SPF
 5898'- 5904' (6') 2 SPF
 5919'- 5925' (6') 2 SPF



Monument Butte #1-34
 710 FSL & 1980 FEL
 SWSE Section 1-T9S-R16E
 Duchesne Co, Utah
 API #43-013-30736; Lease #U-52013

Balcron Monument Federal 44-1J-9-16

Spud Date: 8/5/94

Put on Injection: --/--/--

GL: 5372' KB: 5382'

Injection Diagram

Initial Production: 40 STBOPD,
N.M. MCFD, 0 STBWPD

SURFACE CASING

STRING: 1
 SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24 lbs.
 LENGTH: 6 jts @ 253.0'
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 261' KB
 CEMENT DATA: 160 sxs Class "G", 2% CaCl & 1/4#/sx Celoflake
 Cemented to Surface

PRODUCTION CASING

STRING: 1
 SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 133 jts @ 5728.92'
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5737.92' KB
 CEMENT DATA: 430 sx Super G w/3% salt, 2% gel, & tail w/240 sx 50/50 POZ w/2% gel & 1/4#/sx Celoflakes.
 CEMENT TOP AT: 535' KB from CBL

INJECTION EQUIPMENT & SIZE

2-7/8", 6.5#, J-55
 SN @ 2-7/8" x 1.1' (2.25" ID)
 SN Landed @ 4606' KB

Retrievable Csg Tension Packer
 Model: Arrow Set-1
 Landed @ 4610' KB

Proposed Injection Horizons

4677'-4680' (3')	(4 SPF)
4682'-4684' (2')	(4 SPF)
4839'-4844' (5')	(4 SPF)
4846'-4848' (2')	(4 SPF)
4971'-4974' (3')	(4 SPF)
4977'-4981' (4')	(4 SPF)
4987'-4994' (7')	(4 SPF)

TUBING

NO. OF JOINTS: 144 jts (4587.64')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4598.74' KB
 CE: 4602.04
 TOTAL STRING LENGTH: EOT @ 4606.14' KB

FRAC JOB

4971' - 4994' KB - 8-18-94 by Western w/46,840# 16/30 mesh sand w/14,112 gallons 2% KCL gelled water. ATP 2300 psi, max 2730 psi. ATR 30.1 bpm, max 30.5 bpm. ISIP 2280 psi, 5 min 1820 psi, 10 min 1650 psi, 15 min 1560 psi, 30 min 1300

4677' - 4848' KB - 8-24-94 by Western w/43,300# 16/30 mesh sand w/14,238 gallons 2% KCL gelled water. ATP 2640 psi, max 2960 psi. ATR 29.5 bpm, max 29.5 bpm. ISIP 2050 psi, 5 min 1540 psi, 10 min 1400 psi, 15 min 1300 psi.

ACID JOB

4971' - 4994' KB - 8-18-94 by Western w/3612 gallons 2% KCL water. ATP 2500 psi, max 4650 psi. ATR 5.2 bpm, max 6 bpm. ISIP 1650 psi.

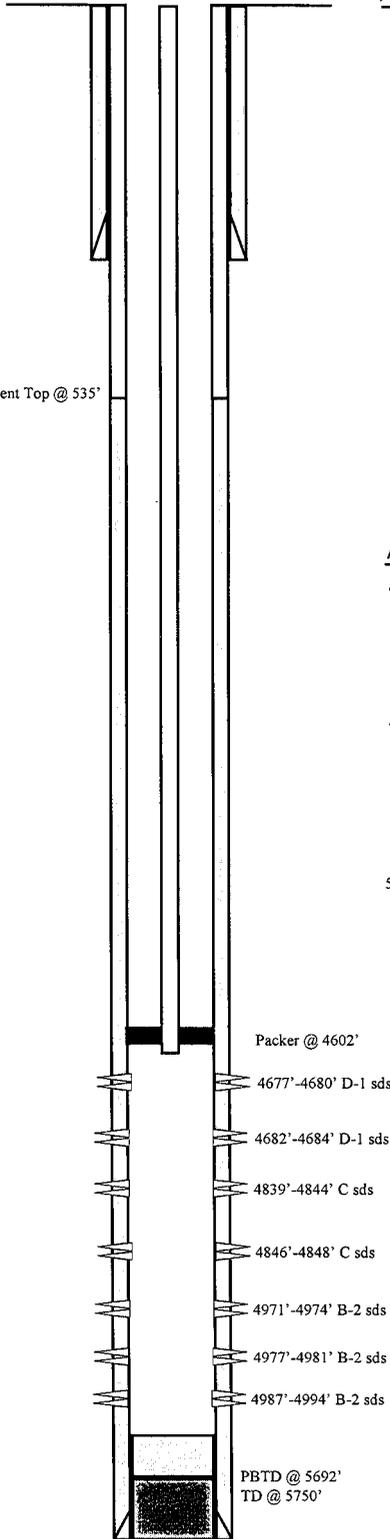
4677' - 4846' KB - 8-24-94 by Western w/2,730 gallons 2% KCL water. ATP 3200 psi, max 4700 psi. ATR 5.5 bpm, max 7.5 bpm. ISIP 1100 psi. Pump 2 balls/bbl.

5-4-07

Tubing Leak: Updated rod and tubing detail.

PERFORATION RECORD

4677'-4680' (3')	(4 SPF)	RED1
4682'-4684' (2')	(4 SPF)	RED1
4839'-4844' (5')	(4 SPF)	RED5
4846'-4848' (2')	(4 SPF)	RED5
4971'-4974' (3')	(4 SPF)	GREEN1
4977'-4981' (4')	(4 SPF)	GREEN1
4987'-4994' (7')	(4 SPF)	GREEN1



NEWFIELD

Balcron Monument Federal 44-1J-9-16

338 FSL 859 FEL
 SESE Section 1-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31415; Lease #U-44426

Balcron Monument Federal 41-12J

Spud Date: 6/24/95
 Put on Production: 10/1/97
 GL: 5458' KB: 5467'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8 5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: (277.46')
 DEPTH LANDED: 274' KB
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, 2% CACL2, 1/4#/sk Cello-seal

PRODUCTION CASING

CSG SIZE: 5 1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: (5752')
 DEPTH LANDED: 5748' KB
 HOLE SIZE: 7 7/8"
 CEMENT DATA: 500 sxs super "G", 47#/sk "G", 20#/sk POZ-A, 17#/sk CSL, 3% salt, 2% Gel, 2#/sk Hi-seal #2, 1/4#/sk Cello-seal. Tail w/325 sxs 50/50 POZ, 2% gel, 1/4#/sk Cello-seal, 2#/sk Hi-seal-2.
 CEMENT TOP AT: 60' KB

TUBING

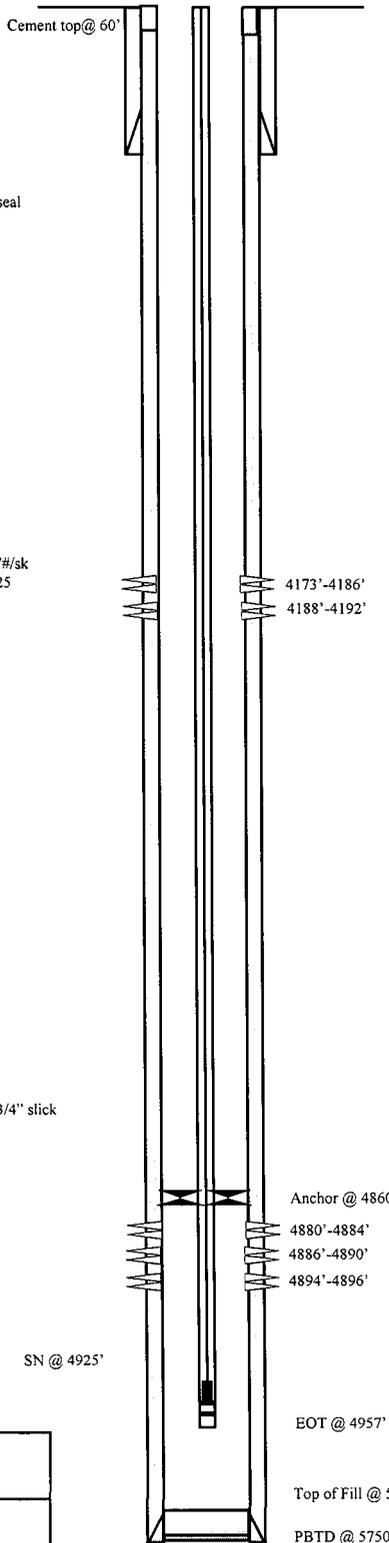
SIZE/GRADE/WT: 2 7/8" / J-55
 NO. OF JOINTS: 157 jts (4850.97')
 TUBING ANCHOR: 4859.97'
 NO. OF JOINTS: 2 jts (61.77')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 4924.54'
 NO. OF JOINTS: 1 jt (30.70')
 TOTAL STRING LENGTH: EOT @ 4956.79'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' SM
 SUCKER RODS: 1-4", 1-6' x 3/4" pony rod, 88- 3/4" guided rods, 54-3/4" slick rods, 50-3/4" guided rods, 4-1 1/2" WT bars
 PUMP SIZE: 2 1/2" x 1 1/2" x 14" RHAC CDI Pump
 STROKE LENGTH: 86"
 PUMP SPEED, 4.5

FRAC JOB

7/11/95	4880'-4896'	Frac sands as follows: 32,180# 16/30 sand in 13,440 gal 2% KCL water. ATP: 2200 psi. ATR: 33.6 BPM. ISIP: 2100 psi.
7/13/95	4173'-4186'	Frac sands as follows: 54,060# 16/30 sand in 16,590 gal 2% KCL water. ATP: 2350 psi. ATR: 32.0 BPM. ISIP: 2850 psi.
1/19/04		Parted rods. Updated tubing and rod details.
05/11/06		Tubing Leak. Updated rod and tubing details.
9-19-08		Pump Change. Updated rod & tubing details.



PERFORATION RECORD

7/10/95	4880'-4884'	4 SPF
7/10/95	4886'-4890'	4 SPF
7/10/95	4894'-4896'	4 SPF
7/13/95	4173'-4186'	4 SPF
7/13/95	4188'-4192'	4 SPF

NEWFIELD

Balcron Monument Federal 41-12J

209' FNL & 437' FEL
 NE/NE Section 12-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31487 ; Lease #U-44426

Elev. - 5345' GL
Elev. - 5355' KB

Monument Federal #11-7J-9-17

INJECTION DIAGRAM Wellbore Diagram

SURFACE CASING

SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 265' (6 jts)
DEPTH LANDED: 75' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 60 sxs class "G" + 2% CCI + 1/4#/sk celloflake

PRODUCTION CASING

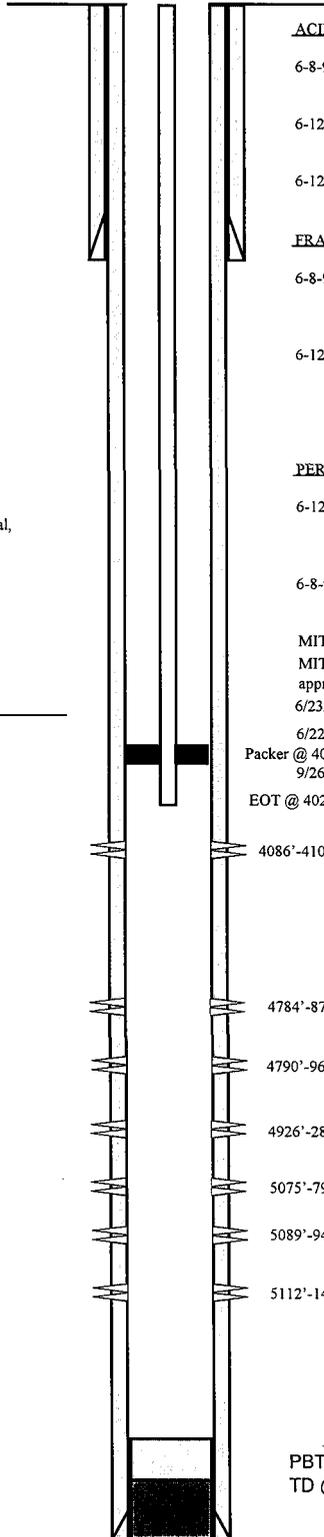
SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 566.72 (143 jts)
DEPTH LANDED: 671' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 83 sxs super class "G" + (47#G + 20#Poz A + 17# CSE)/sk + 3% salt + 2% gel + 1/4 #/sk celloflake, tail w/ 232 sk 50-50 POZ + 2% gel + 1/4 #/sk celloflake + 2 #/sk HiSeal 2
CEMENT TOP AT: 10' KB from CBL.

TUBING RECORD

	Length
128 jnts 2 7/8", J-55, 6.5# Tbg	4007.57'
2 7/8" Seating Nipple	1.10'
2 3/8" x 2 7/8" Cross Over	0.75'
Arrow Set-1 Packer	6.20'

Total String Length: 4016.74'
Packer Landed: 4018.17'

Logs: Dual Laterolog, Compensated Neutron Litho-Density, Cement Bond Log.



ACID JOB / BREAKDOWN JOB

6-8-95	BJ/Western	5075'- 5114' : 2982 gals 2% KCl wtr w/ 100 balls, ATR 4.0 bpm, ATP 2600 psig, ISIP 1850 psig.
6-12-95	BJ/Western	4784'- 4796' : 2058 gals 2% KCl wtr w/ 2 balls/bbl, ATR 4.5 bpm, ATP 2200 psig, ISIP 1350 psig.
6-12-95	BJ/Western	4926'- 4928' : 1596 gals 2% KCl wtr w/ 2 balls/bbl, ATR 3.1 bpm, ATP 4000 psig, ISIP 1950 psig.

FRAC JOB

6-8-95	BJ/Western	5075'- 5114' : 12,684 gals 2% KCl wtr w/ 27,660 lbs 16-30 mesh sand, ATR 34.5 bpm, ATP 2400 psig, ISIP 2300 psig, 15 min 2060 psig.
6-12-95	BJ/Western	4784'- 4928' : 15,162 gals 2% KCl wtr w/ 22,200 lbs 16-30 mesh sand, ATR 35.1 bpm, ATP 3400 psig, ISIP 2150 psig, 15 min 1660 psig.

PERFORATION RECORD

6-12-95	Schlumberger	4784'- 87' 2 SPF (.38") 3 ft 6 holes	R5
		4790'- 96' 2 SPF (.38") 6 ft 12 holes	R5
		4926'- 28' 2 SPF (.38") 2 ft 4 holes	G1

6-8-95	Schlumberger	5075'- 79' 4 SPF (.38") 4 ft 16 holes	G3
		5089'- 94' 4 SPF (.38") 5 ft 20 holes	G4
		5112'- 14' 4 SPF (.38") 2 ft 8 holes	G4

MIT on 2-23-96, witness by Dennis Ingram (Utah OG&M).

MIT on 6/27/01, Dennis Ingram (Utah OG&M) & Al Carver (EPA) gave approval to conduct MIT without a witness.

6/23/01 Schlumberger 4086'-4101' 4 SPF 15 ft 60 holes

6/22/06 5 Year MIT completed and submitted.

Packer @ 4018'

9/26/06

EOT @ 4022'

Re-completion (no new perms.)

4086'-4101' GB-6 sds

4784'-87' C sds

4790'-96' C sds

4926'-28'

5075'-79' A-1 sds

5089'-94'

5112'-14'

PBTD @ 5734' KB

TD @ 5800' KB

NEWFIELD

Balcron Monument Federal 11-7J-9-17
681 FNL 447 FWL
NWNW Section 7-T9S-R17E
Duchesne Co, Utah
API #43-013-31492; Lease #ML-44426

Balcron Monument Federal 42-12J-9-16

Injector
Wellbore Diagram

Elev.GR - 5474.4' GL
Elev.KB - 5484' KB (10' KB)

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 6 jts (264.2 ft)
DEPTH LANDED: 274.20' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs class "G" + 2% CaCl
+ 1/4 #/sk cello-seal

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 132 jts (5690.02 ft)
DEPTH LANDED: 5700' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 376 sxs Super "G" w/ (47# "G" + 20# Poz-A +
17# CSE + 2# Hi-Seal 2 + 1/4 # Cello-Seal)/sk +
3% salt + 2% gel , Tailed by 297 sxs 50/50 POZ +
2% gel + (1/4 # Cello-Seal + 2# Hi-Seal 2) /sk
CEMENT TOP AT: 530' KB (per CBL)

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 131jts
SN: 4151'
CE @: 4154.2'
TOTAL LENGTH: (EOT 4154.20')

TOC @ 530' KB

Packer / EOT @ 4154'

ACID JOB /BREAKDOWN

6/27/95 5144' - 5167' 40 HOLES : 2146 gal 2% KCl gel w/ 75 ball sealers. Balled Off. ATP-2000 psi, Max-5000 psi, ATR - 4.2 bpm, ISIP - 1100 psi
6/30/95 4841' - 4862' 68 HOLES : 2528 gal 2% KCl gel w/ 125 ball sealers. Balled Off. ATP-2600 psi, Max-5000 psi, ATR-5.7 bpm, Max-5.9 bpm, ISIP - 1000 psi.
7/5/95 4418' - 4424' 6 HOLES : 1638 gal 2% KCl wtr w/ 12 ball sealers. Ball action. ATP-3200 psi, Max-5000 psi, ATR - 4.7 bpm, ISIP - 1600 psi

FRAC JOB

6/28/95 5144' - 5167' 2000 gal 2% gel pad followed by 11,902 gal 2% KCl wtr w/ 16,700# 20/40 & 20,000# 16/30 sand. Flush w/ 5,082 gal 2% KCl wtr. ATP-2200 #, Max-2510 #, ATR-29.8 bpm, Max-30.1 bpm. ISIP-2100 #, 5min-1910, 10min-1690, 15min-1530, 30min-1130.
6/31/95 4841' - 4862' 3000 gal 2% gel pad followed by 15,396 gal 2% KCl wtr w/ 55,700# 16/30 sand. Flush w/ 4746 gal 2% KCl wtr. ATP-2084 psi, Max-2800 psi, ATR-30.5 bpm, Max-30.8 bpm, ISIP-2400 psi, 5min-1850,
7/5/95 4227' - 4234' & 4418' - 4424' 3000 gal 2% gel pad followed by 12,582 gal 2% KCl wtr w/ 45,120# 16/30 sand. Flush w/ 4116 gal 2% KCl wtr. ATP-4000 psi, Max-4910 psi, ATR-28 bpm, Max-31.3 bpm. ISIP-2300 psi, 5min-1820, 10min-1600, 15min-1520 psi, 30min-1420 psi.

PERFORATION RECORD

Date	Company	Interval	Length	SPF	Holes	Yield
7/3/95	Schlumberger	4227' - 4234'	(7 ft)	1 SPF	7 Holes	Y3
		4418' - 4424'	(6 ft)	1 SPF	6 Holes	Y5
6/30/95	Schlumberger	4841' - 4850'	(9 ft)	4 SPF	36 Holes	R5
		4854' - 4862'	(8 ft)	4 SPF	32 Holes	R5
6/27/95	Schlumberger	5144' - 5146'	(2 ft)	2 SPF	4 Holes	G4
		5148' - 5150'	(2 ft)	2 SPF	4 Holes	G4
		5161' - 5167'	(6 ft)	4 SPF	32 Holes	G4

10/14/05
10/10/00

5 Year MIT Complete
Convert to Injection Well -
update tbg detail

4227'-4234'
4418'-4424'
4841'-4850'
4854'-4862'
5144'-5146'

SN LANDED @ 4151' KB

PBTD @ 5654' KB
TD @ 5700' KB

NEWFIELD

API # 43-013-31486
Balcron Monument Fed. #42-12J
SE NE Sec.12, T9S, R16E
2550' FNL, 391' FEL
Lease #U-035521
Jonah Unit / Monument Butte Field

Jonah M-12-9-16

Spud Date:-3-20-10
 Put on Production: 4-28-10
 GL:5455' KB:5467'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (307.64')
 DEPTH LANDED: 320.49'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 141jts. (6145.8')
 HOLE SIZE: 7-7/8"
 TOTAL DEPTH: 6160.80'
 CEMENT DATA: 275sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 90'

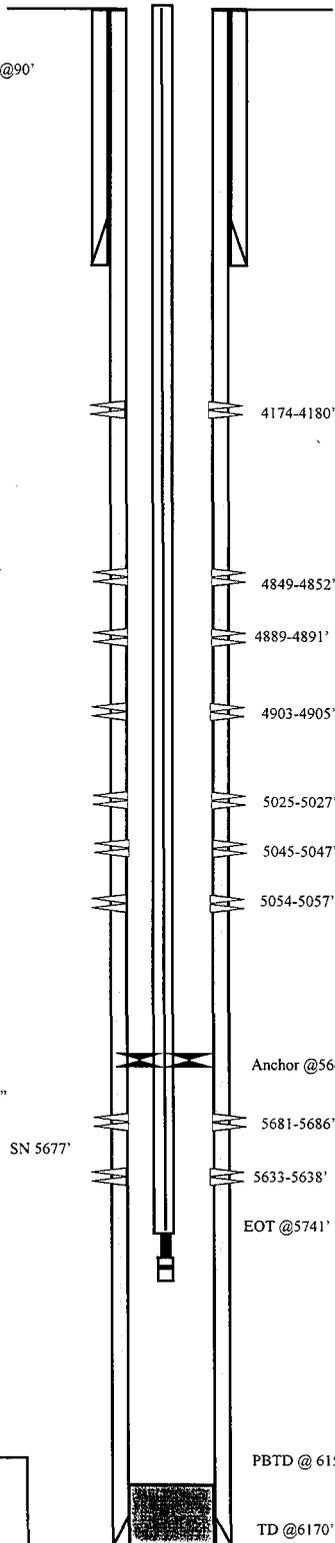
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 182jts (5629.4')
 TUBING ANCHOR: 5642.4'
 NO. OF JOINTS 1jts (31.4')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5676.7' KB
 NO. OF JOINTS: 2jts (62.9')
 TOTAL STRING LENGTH: EOT @ 5741'

SUCKER RODS

POLISHED ROD: 1-1/2" x 30'
 SUCKER RODS: 1-4 x 7/8 pony rods, 221- 7/8" guided rods,, 4- 1 1/2" weight bars.
 PUMP SIZE: 2 1/2 x 1 3/4 x 21' x 24' RHAC
 STROKE LENGTH: 144
 PUMP SPEED: SPM 5

Cement Top @90'



FRAC JOB

5-7-10-10 5633-5686' **Frac CP2 & CP1 sands as follows:**
 Frac with 44698# 20/40 sand in 295bbbs
 Lightning 17.
 5-7-10 5025-5057' **Frac B2 as Follows:**Frac with
 65112# 20/40 sand in 401bbbs
 Lightning 17.
 5-7-10 4849-4905' **Frac D3 & C sands as follows:**Frac
 with 46724# 20/40 sand in 301bbbs
 lightning 17.
 5-7-10 4147-4180' **Frac GB4 sands as follows:**Frac
 with 17164# 20/40 sand 139 Lightning
 17.

PERFORATION RECORD

5681-5686'	3 JSPF	15 holes
5633-5638'	3 JSPF	15holes
5054-5057'	3 JSPF	9holes
5045-5047'	3 JSPF	6holes
5025-5027'	3 JSPF	6 holes
4903-4905'	3 JSPF	6 holes
4889-4891'	3 JSPF	6 holes
4849-4852'	3 JSPF	9holes
4147-4180'	3 JSPF	18holes

NEWFIELD



Jonah M-12-9-17
 SL: 2138'FSL & 1765' FWL NE/SW)
 Section 12, T9S, R17E
 Duchesne Co, Utah
 API # 43-013-34098; Lease UTU-035521

Balcron Monument Federal #32-12j

Elev. @ GL = 5417', KB = 5427' (10' KB)

Injection Wellbore Diagram

SURFACE CASING

 8-5/8", 24#, J-55
 Length @ 255.30'.
 Hole size @ 12-1/4".
 Depth Landed @ 263' KB
 Cemented w/160 sacks "G" w/
 2% CCL & 1/4 lbs/sack Celoflakes.
 Cemented to surface.

PRODUCTION CASING

 5-1/2", 15.5#, K-55
 Length @ 5787.96'.
 Hole size @ 7-7/8".
 Depth Landed @ 5796.96' KB
 Cemented w/238 sacks Thrifty-Lite and
 tailed w/250 sacks 50-50 POZ.
 Cement top @ 933' per CBL

TUBING

 2-7/8", 6.5#, J-55
 152 jnts @ 4753.5'
 SN @ 2-7/8" x 1.10' (2.25" ID)
 Perf Sub @ 2-7/8" x 3'
 TA @ 2-1/2"x5-1/2"x2.35'
 MA @ 2-7/8"x 31.10'
 Total string length @ 5018.94' KB
 SN landed @ 4984.64' KB

ROD STRING

 1 - 1-1/4" x 22' Polish Rod
 1 - 3/4" x 4' Pony
 1 - 3/4" x 6' Pony
 1 - 3/4" x 8' Pony
 198 - 3/4" x 25' D-61 Plain Rods

Pump size @ 2-1/2"x1-1/2"x16' RWAC
 w/PA plunger.

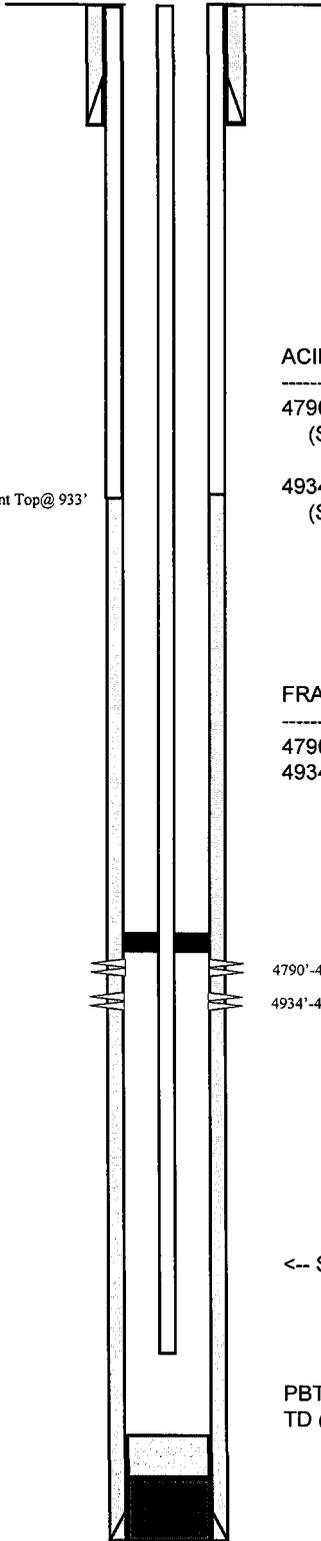
Stroke Length @ 89", 3-1/2 SPM

Pumping Unit size: Lufkin LM-228D-213-8

Ajax Engine Model E-42

Tanks - 2 @ 12'x20' (400 bbl)

Cement Top@ 933'



ACID/BREAKDOWN JOBS

 4790'-4798' KB - 4-18-94 by Western w/500 gals
 (Stage #1) 15% HCL acid. ISIP 950 psi.
 4934'-4938' KB - 4-18-94 by Western w/500 gals
 (Stage #2) 15% HCL acid. ISIP 1100 psi.

FRAC JOBS

 4790'-4798' KB & 4-18-94 by Western w/37,340#
 4934'-4938' KB - 16/30 mesh sand in 18,388 gals
 2% KCL gelled wtr. ATP 2700 psi,
 max 2990 psi. ATR 30 BPM,
 max 30.4 BPM. ISIP 1850 psi,
 5 min 1680 psi, 10 min 1560 psi,
 & 15 min 1500 psi.

4790'-4798' red 5 sds

4934'-4938' green 1 sds

PERFORATION RECORD

4790'-4798' KB (8 holes) RED 5
 4934'-4938' KB (7 holes) GREEN 1

<-- SN landed @ 4984.64' KB

PBTD @ 5751.65' KB
 TD @ 5,800' KB

NEWFIELD

BALCRON MONUMENT FEDERAL #32-12J
 Jonah Unit/Monument Butte Field
 Lease No. U-035521
 SW NE Section 12, T9S, R16E
 Duchesne County, Utah

API # 43-013-31419

Monument Federal #22-12j-9-16

Spud Date: 7/05/94 (Re-entry)

Put on Production: 8/04/94

GL: 5503' KB: 5515'

Initial Production: 12 BOPD,
NM MCFD, 0 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 9-5/8"

GRADE:

WEIGHT:

DEPTH LANDED: 228' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 200 sxs cement.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: K-55

WEIGHT: 15.5#

DEPTH LANDED: 5294' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 327 sxs cement

CEMENT TOP AT: 3820' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 141 jts (4409.25')

TUBING ANCHOR: 4949.2' KB

NO. OF JOINTS: 16 jts (487')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4983.6' KB

NO. OF JOINTS: 1 jt Perf sub (4.0')

NO. OF JOINTS: 1 jt (26.5')

TOTAL STRING LENGTH: EOT @ 5020.0' KB

SUCKER RODS

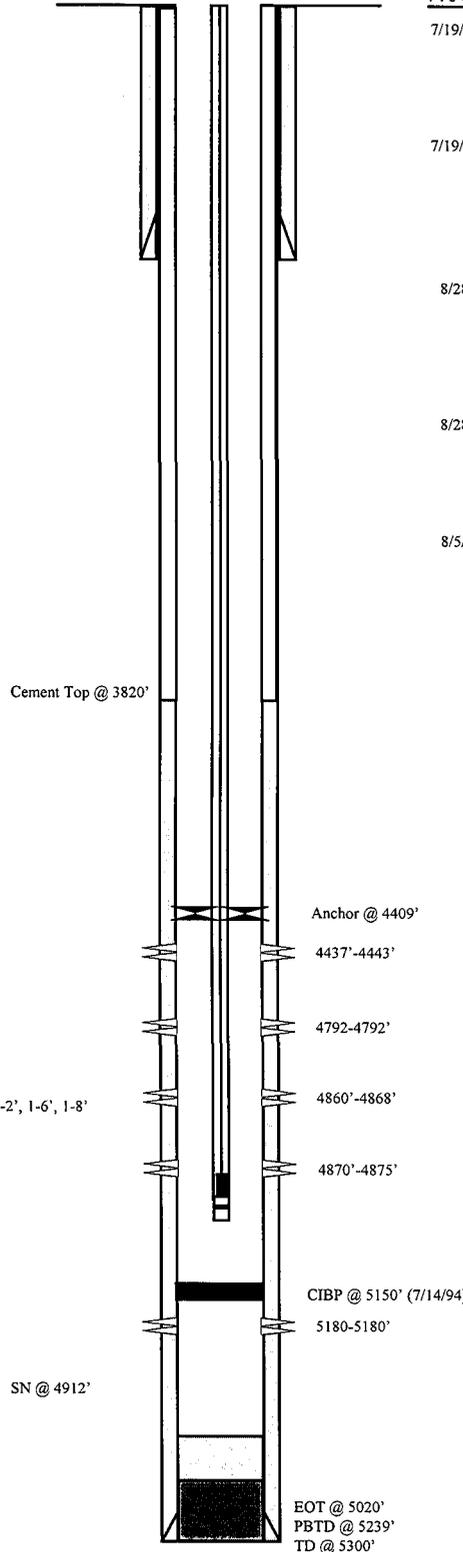
POLISHED ROD: 1-1/4" x 22' SM

SUCKER RODS: 6- 1 1/2" sinker bar rods; 119-3/4" guided rods, 1-2', 1-6', 1-8' x 3/4" pony rods.

PUMP SIZE: 2-1/2" x 1-1/2" x 21' RHAC

STROKE LENGTH: 84"

PUMP SPEED, SPM: 4 SPM



FRAC JOB

Date	Depth Range	Details
7/19/94	4792'-4875'	Frac zone as follows: 27,000# 16/30 sand in 318 bbls frac fluid. Treated @ avg press of 4600 psi w/avg rate of 17.4 BPM. ISIP 3150 psi. Calc. flush: 1213 gal. Actual flush: 1205 gal.
7/19/94	4437'-4443'	Frac zone as follows: 21,280# 16/30 sand in 148 bbls frac fluid. Treated @ avg press of 4800 psi w/avg rate of 20 BPM. ISIP not recorded. Calc. flush: 2098 gal. Actual flush: 1092 gal. Screened out w/ 4890# sand in casing.
8/28/08	5176-5192'	Frac A3 sds as follows: 24,666# 20/40 sand in 283 bbls of Lightning 17 fluid. Treated w/ ave pressure of 3548 psi @ ave rate of 13.1 BPM. ISIP 2270 psi. Actual flush: 1285 gals.
8/28/08	4790-4796'	Frac D3 & C sds as follows: 23,599# 20/40 sand in 244 bbls of Lightning 17 fluid. Treated w/ ave pressure of 4323 psi @ ave rate of 13.3 BPM. ISIP 3992 psi. Actual flush: 1189 gals.
8/5/09		Tubing Leak. Updated rod & tubing details.

PERFORATION RECORD

Date	Depth Range	Perforation Type	Holes
7/12/94	5180-5180	3 JSPF	3 holes
7/14/94	4870'-4875'	4 JSPF	20 holes
7/14/94	4860'-4868'	4 JSPF	32 holes
7/14/94	4792-4792'	3 JSPF	3 holes
7/12/94	4437-4443'	4 JSPF	24 holes

NEWFIELD

Monument Fed. #22-12j
2017' FNL & 2098' FWL
SENW Section 12-T9S-R16E
Duchesne Co, Utah
API #43-013-15796; Lease #U-096550

Spud Date: 12/11/82
 Put on production: 2/2/83
 Put on Injection: 8/18/94
 GL: 5459' KB: 5474.5'

Monument Butte Federal #1-24-9-16

Initial Production: 62 STBOPD,
 75 MCFD, 40 STBWPD

Injection Diagram

SURFACE CASING

SIZE: 8 5/8" / J-55 / 24 lbs
 LENGTH: 7 jts @ 274'
 HOLE SIZE: 12 1/4"
 DEPTH LANDED: 289' KB
 CEMENT DATA: 225 sx, Class G Cement to surface

PRODUCTION CASING

SIZE: 5 1/2" / J-55 / 15.5#
 LENGTH: 472'
 SIZE: 5 1/2" / J-55 / 14#
 LENGTH: 5693'
 HOLE SIZE: 7 7/8"
 DEPTH LANDED: 6170' KB
 CEMENT DATA: 480 sx, BJ Lite & 650 sx, Class G
 CEMENT TOP AT: 1600' KB from CBL

INJECTION EQUIPMENT & SIZE

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 1 @ (32.50')
 2 7/8" TBG SUB: @ (4.00')
 2 7/8" TBG SUB: @ (10.00')
 NO. OF JOINTS: 127 jts @ (4069.84')
 PACKER @ (4136.79')
 NO. OF JOINTS: 11
 "XA SLIDING SLEEVE @ (3.13')
 NO OF JOINTS: 1 @ (31.62')
 TOTAL STRING LENGTH: EOT @ 4531.91' KB

FRAC JOB

1/25/83. **4205'- 4304', Frac w/Halliburton**
 51500 gal X-linked Gel w/142000 lbs 20-40 sand. Avg. 30 BPM @ 2442 psig, max @ 2590 psig, ISIP @ 2230 psig, 5 min @ 1950 psig, 10 min @ 1860 psig, 15 min @ 1800 psig.

1/19/83. **4578'- 4586', Frac w/Halliburton**
 22720 gal X-linked Gel w/57500 lbs 20-40 sand. Avg. 26 BPM @ 2571 psig, max @ 2910 psig, ISIP @ 2220 psig, 5 min @ 2080 psig, 10 min @ 2030 psig, 15 min @ 2000 psig

1/14/83. **4767'- 5221', Frac w/Halliburton**
 26900 gal X-linked Gel w/61500 lbs 20-40 sand. Avg. 35 BPM @ 2973 psig, max @ 3250 psig, ISIP @ 1970 psig, 5 min @ 1860 psig, 10 min @ 1780 psig, 15 min @ 1740 psig.

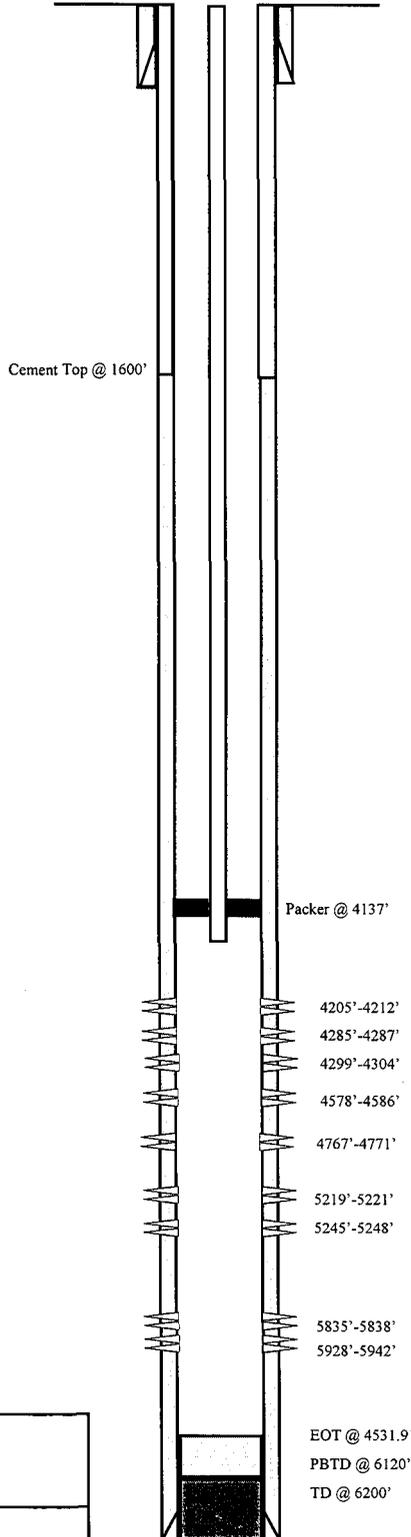
1/9/83. **5835'- 5942', Frac w/Halliburton**
 36000 gal X-linked Gel w/89000 lbs 20-40 sand. Avg. 30 BPM @ 2566 psig, max @ 2960 psig, ISIP @ 2020 psig, 5 min @ 1830 psig, 10 min @ 1770 psig, 15 min @ 1700 psig.

7/10/02 Tubing leak, MIT. Update tubing details.

11/10/06 **Re-completion, Acidize BSS, A1, A3, and D1 sds. Drill out CIBP**

10/13/06 **5928'-5942 Acidize BSS sand as follows:**
 5 BW ahead of acid: IR @ 1 BPM @ 1000 psi, 350 gals acid on perfs: IR @ 1 BPM @ 1575 psi, 5 BW overdisplacement: Final IR @ 1 BPM @ 1660 psi, ISIP 1650 psi

10/13/06 **5219'-5248' Acidize A1 & A5 sands as follows:**
 5 BW ahead of acid: IR @ .5 BPM @ 4000 psi, 400 gals acid on perfs: IR @ 1.5 BPM @ 1100 psi 5 BW overdisplacement: Final IR @ 1.5 BPM @ 1100 psi, ISIP 1400 psi.



PERFORATION RECORD

4205'- 4212'	1 SPF
4285'- 4287'	1 SPF
4299'- 4304'	1 SPF
4578'- 4586'	2 SPF
4767'- 4771'	2 SPF
5219'- 5221'	1 SPF
5245'- 5248'	1 SPF
5835'- 5838'	1 SPF
5928'- 5942'	1 SPF

NEWFIELD

Monument Butte Federal #1-24-9-16
 820 FSL & 1950 FWL
 SESW Section 1-T9S-R16E
 Duchesne Co, Utah
 API #43-013-30701; Lease #U-18399

Jonah Unit #4-12-9-16

Spud Date: 3/14/01
 Put on Production: 6/10/01
 GL: 5516' KB: 5526'

IP: 52.4 BOPD, 43.4 MCFD, 5.8 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (290.39')
 DEPTH LANDED: 299.39'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 145 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 133 jts. (5586.9')
 DEPTH LANDED: 5582.5'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 250 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: Surface per CBL

TUBING

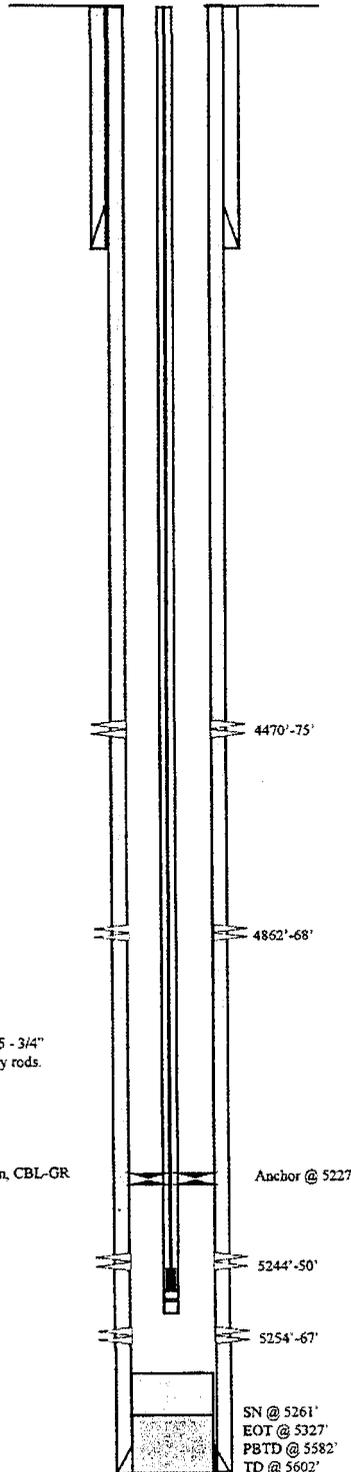
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO OF JOINTS: 167 jts
 TUBING ANCHOR: 5227.40'
 SEATING NIPPLE: 2-7/8" (1.10")
 TOTAL STRING LENGTH: EOT @ 5327.88'
 SN LANDED AT: 5261.34'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 4-1-1/2" weight bars, 10-3/4" scraped rods, 135-3/4" plain rods, 89-3/4" scraped rods, 1-2", 1-4", 1-6", 1-8" x 3/4" pony rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 14 5' RHAC
 STROKE LENGTH: 62"
 PUMP SPEED, SPM: 4 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOBS

6/6/01	5254'-67'	Frac A3 sand as follows: 89,647# 20/40 sand in 600 bbls Viking I-25 fluid. Treated @ avg pressure of 1960 psi with avg rate of 29.7 BPM, ISIP 2395 psi.
6/6/01	4862'-68'	Frac D3 sand as follows: 29,647# 20/40 sand in 299 bbls Viking I-25 fluid. Treated @ avg pressure of 2400 psi with avg rate of 24.3 BPM, ISIP 1855 psi
6/6/01	4470'-75'	Frac PB-10 sand as follows: Could not break, left un-fraced.



PERFORATION RECORD

6/6/01	5254'-5267'	4 JSPF	52 holes
6/6/01	5244'-5250'	4 JSPF	24 holes
6/6/01	4862'-4868'	4 JSPF	24 holes
6/6/01	4470'-4475'	4 JSPF	20 holes

NEWFIELD

Jonah Unit #4-12-9-16
 660' FNL & 660' FWL
 NW/NW Section 12-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32180; Lease #U-096550

Jonah T-1-9-16

Spud Date: 1/7/2010
 Put on Production: 2/12/2010
 GL: 5406' KB: 5418'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 172 jts (307.83')
 DEPTH LANDED: 319.68'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 165 jts (6140.26')
 HOLE SIZE: 7-7/8"
 TOTAL DEPTH: 6154.56'
 CEMENT DATA: 275 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 44'

TUBING

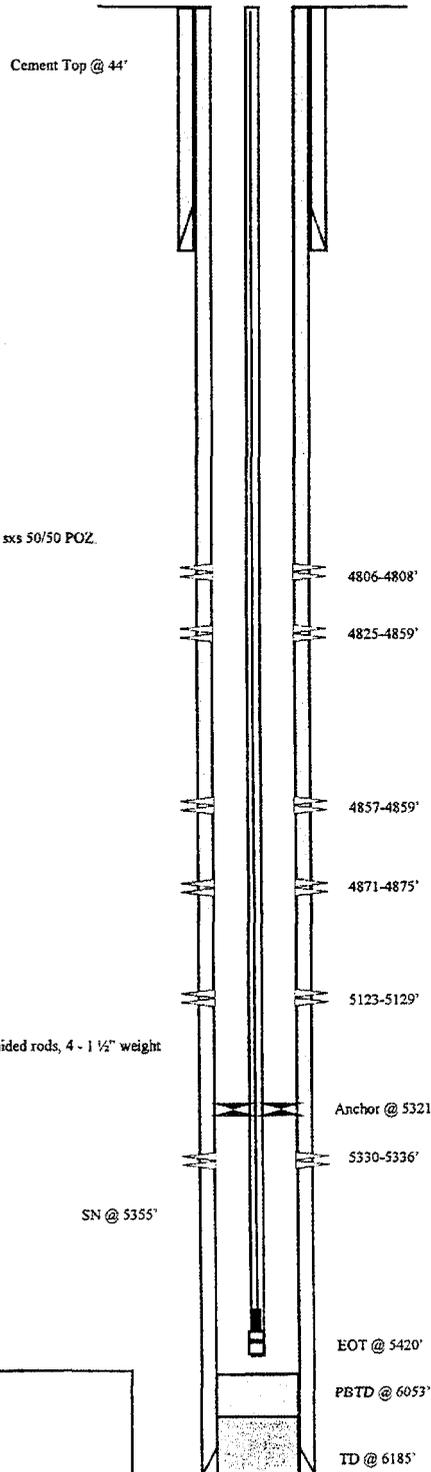
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO OF JOINTS: 168 jts (5309')
 TUBING ANCHOR: 5321'
 NO OF JOINTS: 1 jts (31.6')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5355.4' KB
 NO. OF JOINTS: 2 jts (63.2')
 TOTAL STRING LENGTH: EOT @ 5420'

SUCKER RODS

POLISHED ROD: 1-1/2" x 30'
 SUCKER RODS: 1 - 4' x 7/8" pony rod, 209 - 7/8" guided rods, 4 - 1 1/2" weight rods
 PUMP SIZE: 2 1/2 x 1 1/4 x 20' x 24' RIAC
 STROKE LENGTH 144
 PUMP SPEED: 5 SPM

FRAC JOB

2-12-10 5330-5336' Frac A3 sands as follows:
 Frac with 20340# 20/40 sand in 171 bbls
 Lightning 17 fluid
 2-12-10 5123-5129' Frac B2 sands as follows:
 Frac with 29882# 20/40 sand in 254 bbls
 Lightning 17 fluid
 2-12-10 4806'-4875' Frac D1 & D2 sands as follows:
 Frac with 90904# of 20/40 sand in 543
 bbls Lightning 17 fluid



PERFORATION RECORD

Depth Range	ISPF	Holes
5330-5336'	3 ISPF	18 holes
5123-5129'	3 ISPF	18 holes
4871-4875'	3 ISPF	12 holes
4857-4859'	3 ISPF	6 holes
4825-4827'	3 ISPF	6 holes
4806-4808'	3 ISPF	6 holes

NEWFIELD



Jonah T-1-9-16
 1969' FSL & 646' FEL
 Section 1-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-34119; Lease # UTU-52013



Multi-Chem Group, LLC

Multi-Chem Analytical Laborator
1553 East Highway 40
Vernal, UT 84078

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**
Well Name: **Sandwash Injection**
Sample Point: **tank**
Sample Date: **2 /9 /2010**
Sales Rep: **Randy Huber**
Lab Tech: **Peter Poulsen**

Sample ID: **WA-36576**

Sample Specifics	
Test Date:	2/9/2010
Temperature (°F):	78
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0000
pH:	7
Turbidity (NTU):	-
Calculated T.D.S. (mg/L):	3384
Molar Conductivity (µS/cm):	5127
Resitivity (Mohm):	1.9505

Analysis @ Properties in Sample Specifics			
Cations	mg/L	Anions	mg/L
Calcium (Ca):	40.00	Chloride (Cl):	1500.00
Magnesium (Mg):	12.20	Sulfate (SO ₄):	66.00
Barium (Ba):	3.00	Dissolved CO ₂ :	-
Strontium (Sr):	-	Bicarbonate (HCO ₃):	600.00
Sodium (Na):	1159.00	Carbonate (CO ₃):	-
Potassium (K):	-	H ₂ S:	2.00
Iron (Fe):	1.53	Phosphate (PO ₄):	-
Manganese (Mn):	0.01	Silica (SiO ₂):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO ₃):	-
Ammonia NH ₃ :	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
Temp °F	Gauge Press. psi	Calcium Carbonate CaCO ₃		Gypsum CaSO ₄ · 2H ₂ O		Calcium Sulfate CaSO ₄		Strontium Sulfate SrSO ₄		Barium Sulfate BaSO ₄		Calculated CO ₂
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
78	0	0.31	-1.46	0.00	-1612.20	0.00	-1855.60	-	-	16.33	4.78	1.65
80	0	0.32	-1.41	0.00	-5.73	0.00	-1847.10	-	-	15.65	4.76	0.72
100	0	0.46	-1.00	0.00	-4.08	0.00	-1723.70	-	-	10.42	4.59	0.90
120	0	0.60	-0.66	0.00	-2.94	0.00	-1547.60	-	-	7.10	4.36	1.01
140	0	0.76	-0.37	0.01	-2.12	0.00	-1343.70	-	-	4.94	4.04	1.15
160	0	0.93	-0.10	0.01	-1.54	0.01	-1133.00	-	-	3.51	3.61	1.30
180	0	1.11	0.14	0.01	-1.12	0.01	-930.70	-	-	2.54	3.05	1.44
200	0	1.28	0.37	0.01	-0.82	0.01	-746.57	-	-	1.87	2.32	1.47
220	2.51	1.44	0.58	0.01	-0.62	0.02	-590.78	-	-	1.37	1.34	1.50
240	10.3	1.60	0.78	0.01	-0.48	0.02	-454.03	-	-	1.03	0.15	1.53
260	20.76	1.73	0.97	0.01	-0.39	0.03	-341.07	-	-	0.79	-1.33	1.57
280	34.54	1.85	1.14	0.01	-0.35	0.05	-249.71	-	-	0.60	-3.16	1.61
300	52.34	1.94	1.29	0.01	-0.34	0.08	-177.12	-	-	0.47	-5.40	1.65

Conclusions:

Calcium Carbonate scale is indicated. See graph for appropriate temperature ranges.
Gypsum Scaling Index is negative from 80°F to 300°F
Calcium Sulfate Scaling Index is negative from 80°F to 300°F
Strontium Sulfate scaling was not evaluated
Barium Sulfate NO CONCLUSION

Notes:



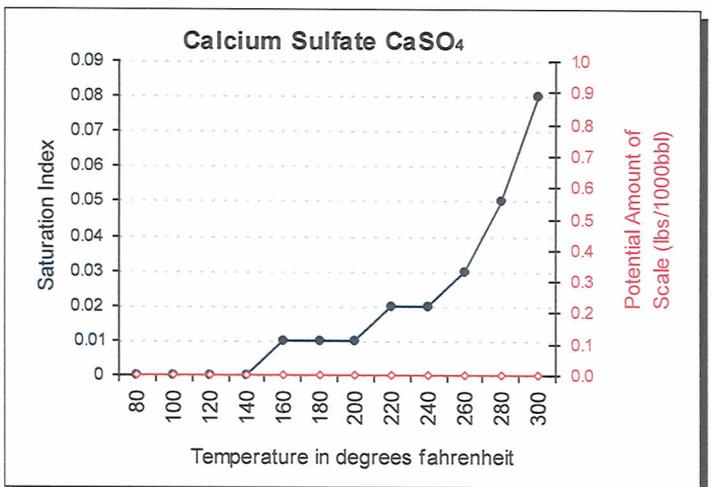
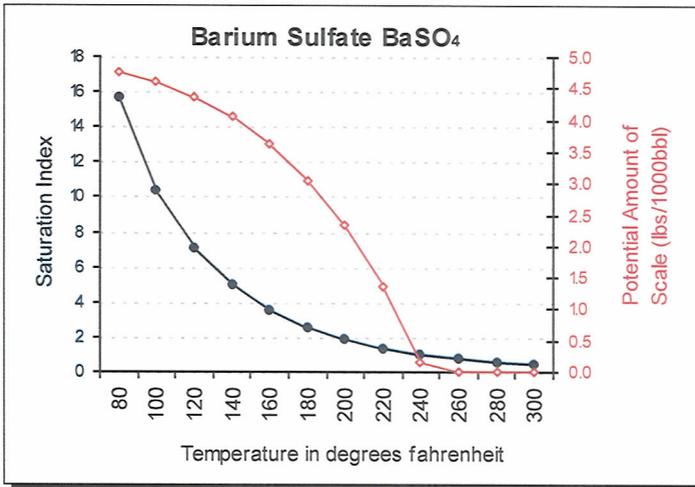
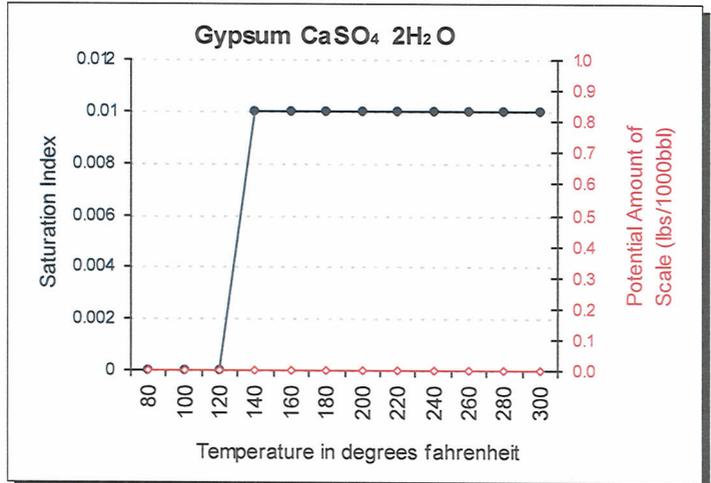
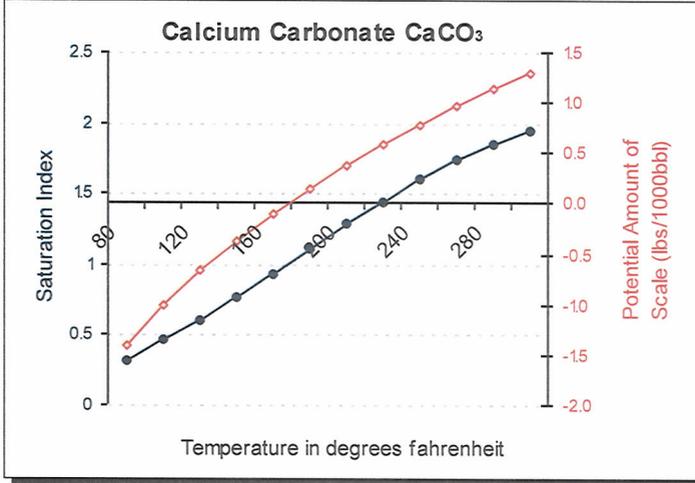
Multi-Chem Group, LLC
 Multi-Chem Analytical Laborator
 1553 East Highway 40
 Vernal, UT 84078

multi-chem®

Scale Prediction Graphs

Well Name: **Sandwash Injection**

Sample ID: **WA-36576**





3 of 4

Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

multi-chem®

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**
Well Name: **getty 12-1-9-16**
Sample Point: **tank**
Sample Date: **10/12/2010**
Sales Rep: **Monty Frost**
Lab Tech: **Peter Poulsen**

Sample ID: **WA-47869**

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	10/13/2010	Cations	mg/L	Anions	mg/L
Temperature (°F):	100	Calcium (Ca):	5.40	Chloride (Cl):	2000.00
Sample Pressure (psig):	0	Magnesium (Mg):	0.98	Sulfate (SO ₄):	39.47
Specific Gravity (g/cm ³):	1.0048	Barium (Ba):	0.35	Dissolved CO ₂ :	-
pH:	7.8	Strontium (Sr):	-	Bicarbonate (HCO ₃):	1293.00
Turbidity (NTU):	-	Sodium (Na):	1786.00	Carbonate (CO ₃):	-
Calculated T.D.S. (mg/L):	5127	Potassium (K):	-	H ₂ S:	1.50
Molar Conductivity (µS/cm):	7768	Iron (Fe):	0.27	Phosphate (PO ₄):	-
Resitivity (Mohm):	1.2873	Manganese (Mn):	0.02	Silica (SiO ₂):	-
		Lithium (Li):	-	Fluoride (F):	-
		Aluminum (Al):	-	Nitrate (NO ₃):	-
		Ammonia NH ₃ :	-	Lead (Pb):	-
				Zinc (Zn):	-
				Bromine (Br):	-
				Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
Temp °F	Gauge Press. psi	Calcium Carbonate CaCO ₃		Gypsum CaSO ₄ · 2H ₂ O		Calcium Sulfate CaSO ₄		Strontium Sulfate SrSO ₄		Barium Sulfate BaSO ₄		Calculated CO ₂ psi
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	
100	0	0.73	-2.08	0.00	-1893.60	0.00	-1999.90	-	-	0.60	-0.39	0.57
80	0	0.55	-4.04	0.00	-12.64	0.00	-2135.10	-	-	0.90	-0.07	0.27
100	0	0.73	-2.08	0.00	-9.11	0.00	-1999.90	-	-	0.60	-0.39	0.34
120	0	0.91	-0.61	0.00	-6.47	0.00	-1805.70	-	-	0.41	-0.85	0.38
140	0	1.09	0.50	0.00	-4.50	0.00	-1579.50	-	-	0.28	-1.46	0.42
160	0	1.26	1.26	0.00	-3.11	0.00	-1344.40	-	-	0.20	-2.28	0.47
180	0	1.41	1.72	0.00	-2.17	0.00	-1117.20	-	-	0.14	-3.35	0.52
200	0	1.53	1.96	0.00	-1.56	0.00	-909.26	-	-	0.11	-4.72	0.53
220	2.51	1.62	2.04	0.00	-1.20	0.00	-732.92	-	-	0.08	-6.56	0.53
240	10.3	1.68	2.05	0.00	-0.96	0.00	-576.40	-	-	0.06	-8.74	0.54
260	20.76	1.71	2.01	0.00	-0.81	0.00	-446.30	-	-	0.04	-11.40	0.55
280	34.54	1.72	1.95	0.00	-0.72	0.00	-340.54	-	-	0.03	-14.61	0.56
300	52.34	1.70	1.89	0.00	-0.67	0.00	-256.15	-	-	0.03	-18.43	0.57

Conclusions:

Calcium Carbonate scale is indicated. See graph for appropriate temperature ranges.
Gypsum Scaling Index is negative from 80°F to 300°F
Calcium Sulfate Scaling Index is negative from 80°F to 300°F
Strontium Sulfate scaling was not evaluated
Barium Sulfate Scaling Index is negative from 80°F to 300°F

Notes:

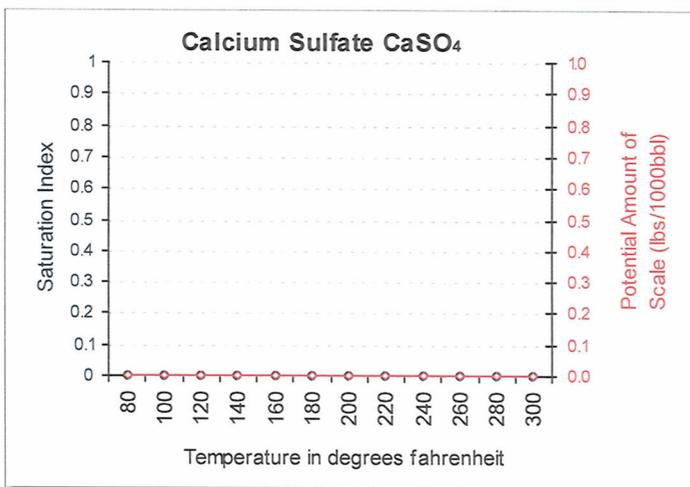
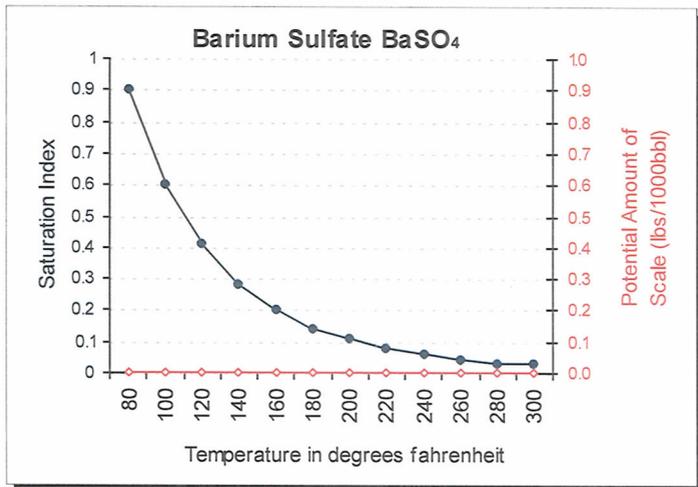
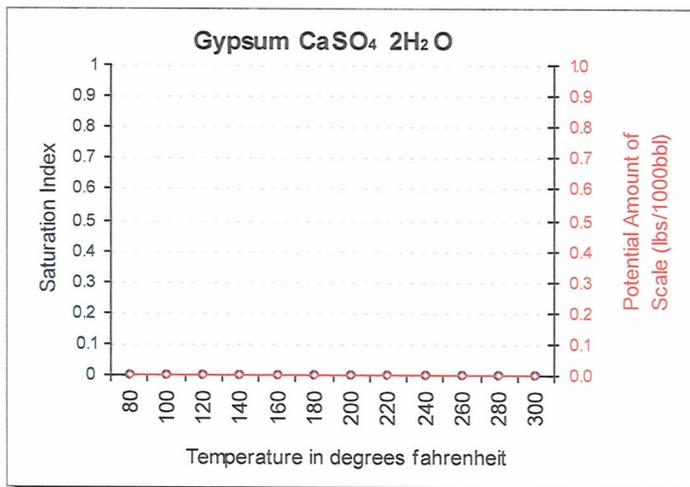
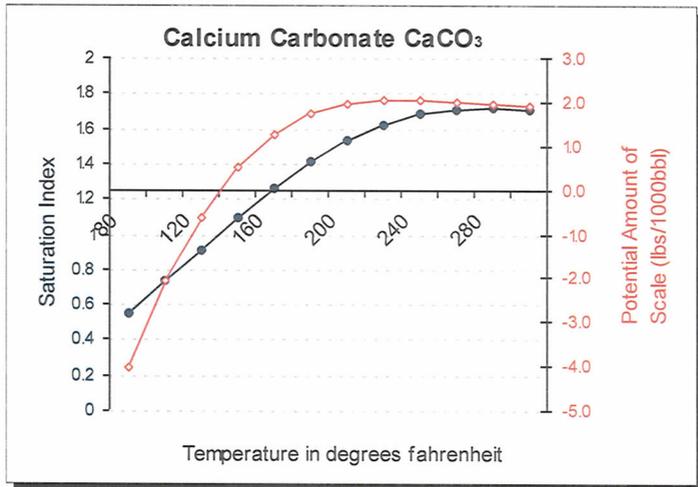


Multi-Chem Group, LLC
 Multi-Chem Analytical Laboratory
 1553 East Highway 40
 Vernal, UT 84078

Scale Prediction Graphs

Well Name: **getty 12-1-9-16**

Sample ID: **WA-47869**



Attachment "G"

**Getty #12-1-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5693	5754	5724	1200	0.64	1163 ←
3852	4730	4291	1400	0.80	1375
5590	5602	5596	1500	0.70	1464
4399	4410	4405	1750	0.83	1721
4976	4980	4978	1740	0.78	1708
				Minimum	<u><u>1163</u></u>

Calculation of Maximum Surface Injection Pressure
 $P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

- 1/30/84 Location complete. Shelby Drilling (Rig #53) will set surface this a.m. Spud at 11:30 A.M. 1/30/84..
- 1/31/84 Drilling @ 240'. Made 200'. 3/4° at 240'. Bit No. 1 (12 1/4 F2) in at 40' out at 240' in 7 hrs. Leon Rock Air Rig #2.
- 2/01/84 RD Leon Air Rig. RU Shelby #53. Lay down 2 - 8" drill collars. RU to run 6 jts. 8 5/8" casing. Cement with 175 sacks Class "H" 2% CaCl. 1/4# Flocele. Displace with 12.1 bbls. H₂O. Bump plug with 500# over. Recover 7 bbls cement. Rig Down Leon Rig.
- 2/02/84 Rig up Shelby #53
- 2/03/84 RU - Nipple up BOP's & choke manifold. Pressure test rams 1500# 15 mins. Okay.
- 2/04/84 Drlg. @ 755'. 18 hrs drlg. MW 8.3 Vis 28 PH 8.5. Deviation @ 1/4° @ 741 Pressure test pipe reams kelly & manifold, 1500#, tst 30 mins. each, held okay.
- 2/05/85 Drlg @ 1830' - made 1075'. MW 8.3 Vis 27 PH 9.0 CL 2000. Dev. @ 1/2° @ 1301' 1° @ 1827', drlg. 22 3/4 hrs.
- 2/06/84 Drlg @ 2875' - made 1045', MW 8.4 Vis 28, PH 9.0 CL 1700. Dev. 1 3/4° @ 2350' 1° @ 2818', drlg. 22 3/4 hrs.
- 2/07/84 Drlg. @ 3730' - made 855' - MW 8.4, Vis 27, Ph 9.0 CL 2300. Dev. 1 1/2° @ 3345' drlg for 23 hrs.
- 2/08/84 Drlg. @ 4274' - Made 544' - Garden Gulch Formation - MW 8.4, Vis 27, Ph 9.0 CL 600, Bit #2 in @ 4057' - drlg 18 1/4 hrs.
- 2/09/84 Drlg. @ 4910' - Made 636' - Douglas Creek Formation - MW 8.4, Vis 27. Ph 9.0 CL 700, Dev. @ 1 3/4° @ 4398'. Drlg., 23 1/4 hrs.
- 2/10/84 Drlg @ 5545' - Made 635' - Upper Blackshell Formation - MW. 8.4, Vis 27, Ph 9.0 CL 900. Dev. @ 2° @ 5077'. Dr.g. 22 1/4 hrs.
- 2/11/84 Drlg. @ 6200' - Made 655 - Wasatch formation - Reach TD 4:30 A.M. 2/11/84 Circulate to logs.
- 2/12/84 Preparing to lay down drill pipe (@ 6200') MW 8.4, Vis 27, PH 10 CL-5000 Deviation @ 2° @ 6200'. Ran short trip to circulate. Rig up GO Wireline log well - Drlg. depth 6200' - Log depth 6198'. Trip in hole, circulate. Rig up - lay down drill pipe.
- 2/13/84 Present operation - Rigging down - PBTD 6173'. Laid down drill pipe and collars - casing set - Ran 151 jts 5 1/2" casing. Bottom baffle ring set @ 5649' - Top baffle ring set @ 4802'. Rig up Western - cemented with 760 sacks of 65/35 Poz - 555 sacks Class "H" 2% Cal CL - 1 1/4# Floseal. Displace with 146 bbls water. Release rig @ midnight 2/12/84.
- 2/14/84 ~~Done Drilling~~ Waiting on Completion Unit.
- 2/28/84 Move in Gibson Rig #70
- 2/29/84 Rig up hard lines - circulate to 4630'. Trip out of hole with overshot Trip in hole & circulate ball. Circulate & wash to 4700'. SDFN
- 3/01/84 Open up well, thaw BOP's. Clean out to 4788'. Circulate and clean up. Trip out of hole and lay down bomb & overshot. Trip in hole with mill. Mill out at 4788'. Tag second bomb @ 4800'. SDFN.

- 3/02/84 Thaw BOP'S: Trip out of hole with mill and laydown. Pick up overshot. Trip in hole and wash down 9 jts hanging up. Trip out of hole and pick up mill. Trip in hole with 25 stands. SDFN
- 3/03/84 Thaw out BOP's/ Trip in hole & clean out to 5638'. Circulate hole. Trip out of hole and laydown mill. Pick up overshot. SDFN.
- 3/04/84 Thaw Bop's. Circulate two bbls oil out. Trip in hole with overshot. Catch fish. Stuck - condition hole. Trip out of hole and laydown fish. Pick up mill. Run 50 stands. SDFN.
- 3/05/84 Thaw BOP's. Trip in hole to 5638'. Pick up power swivel - mill ring out at 5638'. Clean out to 5848'. Drill cement from 5845' to 6010' - SDFN. Recovered 5 bbls yellow oil and 3 bbls black oil - good gas.
- 3/06/84 Clean out to 6104'. Preparing to set pump.
- 3/07/84 Made 26 swab runs. Recovered 238 bbls fluid. Fluid level at 800' from surface. Good gas, 1% oil.
- 3/08/84 Made 16 swab runs. Recovered 142 bbls fluid. 5% oil, good gas. Fluid level 1000' from surface.
- 3/09/84 Made 24 swab runs. Recovered 330 bbls total fluid. 34 % oil, 6% sand. Fluid level 1200' from surface.
- 3/10/84 Recovered 272 bbls fluid. 9% solids, 31% oil, 60% water. Fluid level 1200' from surface. Total fluid recovered 1120 bbls.
- 3/11/84 Swabbed. Recovered 260 bbls fluid. 30/40% oil strong gas. Fluid level 1000' from surface.
- 3/12/84 Running rods this a.m. Sand 2%.
- 3/13/84. Install 1 1/2" X 2' pump. Ran 202' of 3/4" rods. 1-6' & 1-8' pony rod. Preparing to set Continental Emsco 160 pumping unit.
- 3/14/84 Installing pumping unit.
- 3/15/84 Finished rigging up pumping unit.
- 3/16/84 Pumped up, pumped 125 bbls water, good gas, trace oil. Chlorides 9900'. Pam frac water.
- 3/17/84 Pumping 160 bbls water per day.
- 3/18/84 Pumping 160 bbls water per day.
- 3/19/84 Well Down. Will pull rods and tubing today.
- 3/20/84 Pulled rods and tubing, pump cut out.
- 3/21/84 Tripped in hole with packer and bridge plug and checked for water zones. 3800'-3900' perms are wet. Tripped out of hole with packer and bridge plug. Prepared to squeeze.
- 3/22/84 Tripped in with packer, set at 4757'. Rigged up to swab well, waiting on hot oiler. Hot oil well 20 bbls water, swab well to 4757' making yellow oil.
- 3/23/84 Tripped in hole with swab. Swabbed 8 bbls of yellow oil. Tripped out of hole with packer. Tripped in hole with bridge plug and packer for squeeze. Set bridge plug at 4000', packer at 3770' with 150 sxs Class "H". Pumped plug at 4200#. Waiting on cement.

- 3/23/84 1 Swab run. Recovered 10 barrels of oil. Rigged down swab. Tripped in with packer and bridge plug. Set bridge plug at 4000'. Picked up packer and set at 3770'. Squeezed perfs, 3852', 58', 60', 62', 64', 3942', 46', 52', and 56' with 18-1/2 barrels of water. 4200# put squeeze away. Shut in overnight.
- 3/24/84 Tripped out with packer. Pick up mill, 4-3/4" O.D. Tripped in and tagged cement at 3810'. Drilled cement. Pulled 5 stands. Shut down overnight. Drilled to 4000'.
- 3/25/84 Run in 5 stands. Pressure tested squeeze to 500#, held o.k. Drilled plug, chased plug to 4500'. Pulled 5 stands. Shut down overnight.
- 3/26/84 Run in 5 stands to 4500'. Chased plug to 6104'. Plug back T.D. Tripped out of hole. Shut down overnight.
- 3/27/84 Picked up mill and casing scraper. Tripped in to 6104'. Circulated 30 minutes. Tripped out, rigged up Go Wireline. Tripped in with Baker retrievable bridge plug. Set at 5620'. Tripped out, picked up perforating gun, tripped in perfd from 5590' to 5602', 12', shot 48 holes, 4 shots per foot. Tripped out, rigged down wireline. Picked up Baker packer. Tripped in hole with 2-7/8" tubing to 5000'. Shut down overnight.
- 3/28/84 Tripped in to 5605'. Set packer, tested plug to 4000# o.k. Released packer and moved up to 5534' and reset packer. Put 500# on backside, breakdown with 5% KCL water, 10 barrels/minute at 34,000#. Dropped 48 balls, 2 balls/barrel. Ball off at 7000#. Surge of balls. Let balls settle to bottom for 30 minutes. Frac with 50,000#, 20-40 sand using an apollo gel containing clay master, iron sequestration, frac back 10, FR-20, frac-side. Flush with 33 barrels 5% KCL. Average treating pressure - 4600, maximum - 6400, minimum - 3900, ISIP 1750, 5 mins. - 1600, 10 mins. - 1575, 15 mins. - 1550, 30 mins. - 1500. Shut well in.
- 3/29/84 Opened well up at 12:00 p.m. on 1/4" choke. Flowed 4 hours - 100 bbls. Trace of oil, good gas. Shut in, waiting on daylight.
- 3/30/84 Unseated packer, tripped out of hole. Rigged up Go Wireline. Tripped in hole and set at 4440'. Tripped out of hole and picked up perforating gun. Perforated from 4399' to 4440', 30 holes total. Tripped out of hole and rigged down wireline. Tripped in hole with packer and set at 4334'. Breakdown 13 barrels per minute at 3100#, ball off to 7000#. Released packer and knock balls off. Reset packer, frac with 50,000#, 20/40 with Apollo gel, flush with 26-1/2 bbls. ISIP 2100, 5 minutes - 1950, 10 mins. - 900, 15 mins. - 1800, 30 mins. 1750. Average pressure 4300# at 21 bbls/min., will open at 3:00 p.m. today.
- 3/31/84 Shut in pressure 24 hours 950#. Flow well on 3/8" choke. Dropped to 50# in 15 minutes. 1 hour 15#, 1-1/2 hour 0#. Change to 1/4" choke 2-4#. Frac fluid, sand, trace oil, gas. Recovered 150 barrels.
- 4/01/84 Unseat packer, lay down 2-7/8" tubing, change reams in BOP's. Tripped in hole and kill well, 10 stands in. Making gas and water. Tripped in hole 25 stands. Kill well. Making gas, water, trace oil. Tripped in hole and tag at 4101', clean to 4440'. Latch plug, release, circulate, trip out of hole. Shut down for nite.
- 4/02/84 Tripped in hole with 21 stands. Making oil, gas and water. Kill well. Tripped in hole 36 stands, kill well. Clean out to 5620'. Latch plug. Release plug and took kick. Gas, 50% oil, 50% water. Circulate and kill. Tripped in hole and lay down plug. Tripped in hole with knotted collar, 1 jt., 3 ft. perf sub., 185 jts. tubing, seating nipple at 5754'. Rigged up to swab. Shut down for nite.

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4066'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 182' balance plug using 21 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Perforate 4 JSPF @ 290'
6. Plug #4 Circulate 81 sx Class "G" cement down 5 ½" and up the 5 ½" x 8 5/8" annulus

The approximate cost to plug and abandon this well is \$42,000.

Getty Federal #12-1-9-16

Spud Date: 1/30/84
 Put on Production: 3/13/84
 GL: 5412' KB: 5425'

Initial Production: 60 BOPD,
 106 MCFD, 3 BWPD

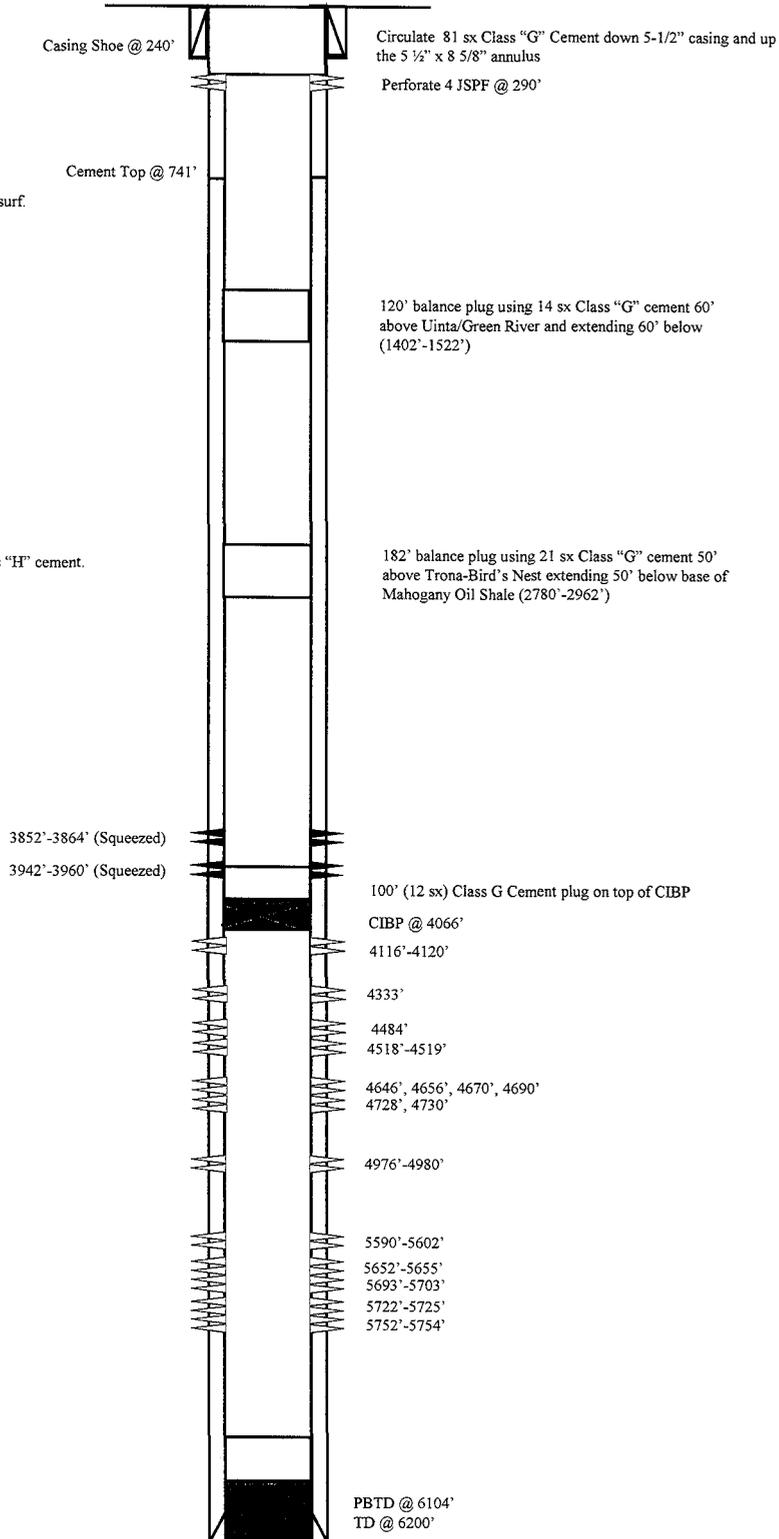
Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 jts. (227')
 DEPTH LANDED: 240'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 175 sxs Class "H" cmt, circulate to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 151 jts. (6160')
 DEPTH LANDED: 6173'
 HOLE SIZE: 8 3/4"
 CEMENT DATA: 760 sxs 65/35 POZ & 555 sxs Class "H" cement.
 CEMENT TOP AT: 741' per CBL



Getty Fed. #12-1-9-16
 501' FNL & 2012' FEL
 NWNE Section 12-T9S-R19E
 Duchesne Co, Utah
 API #43-013-30889; Lease #UTU-44426

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-44426
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include area code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or GMBU
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 501 FNL 2012 FEL NWNE Section 12 T9S R16E		8. Well Name and No. GETTY 12-1
		9. API Well No. 4301330889
		10. Field and Pool, or Exploratory Area GREATER MB UNIT
		11. County or Parish, State DUCHESNE, UT

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

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

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat 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 recompleat 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.)

Newfield Production proposes to convert the above mentioned well from producing oil well to an injection well.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Jill Lovle	Title Regulatory Technician
Signature 	Date 1/10/2011

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 and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

March 7, 2011

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Getty 12-1, Section 12, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-30889

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 4,550 feet in the Getty 12-1 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

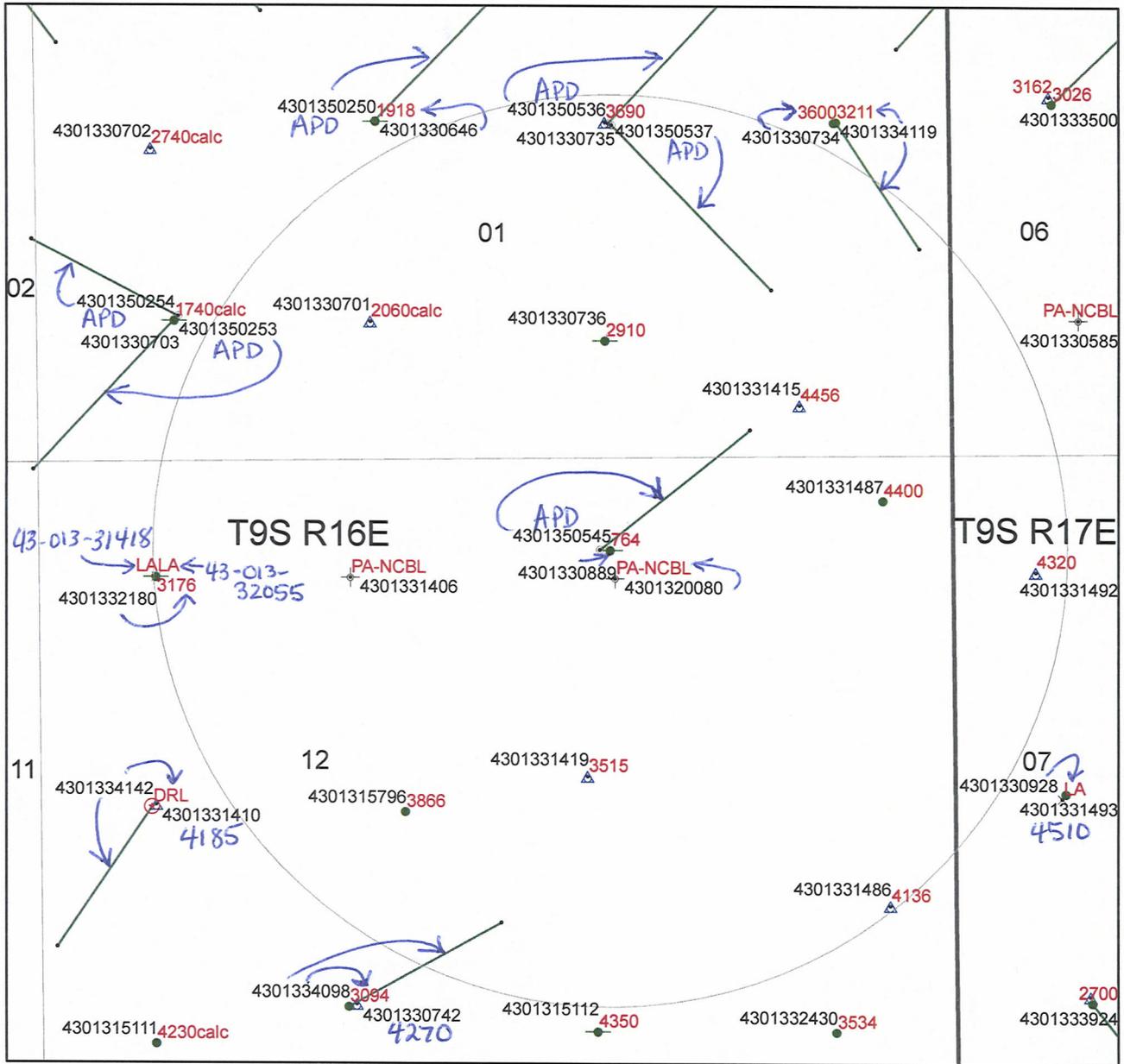
Sincerely,

John Rogers
Associate Director

JR/MLR/js
cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton

N:\O&G Reviewed Docs\ChronFile\UIC





Cement Bond Tops

GETTY 12-1-9-16

API #43-013-30889
UIC-151.5

Legend

- | | |
|---|--|
| <ul style="list-style-type: none"> □ Buffer_of_SGID93_ENERGY_DNROilGasWells_12 ⚡ GAS INJECTION ● TW ● TA ● OPS ● GS ○ APD ⊕ PA × LA ⊛ GAS STORAGE × LOCATION ABANDONED ○ NEW LOCATION ⊖ PLUGGED & ABANDONED ⊛ PRODUCING GAS | <ul style="list-style-type: none"> ● PRODUCING OIL ⊛ SHUT-IN GAS ● SHUT-IN OIL ⊛ TEMP ABANDONED ○ TEST WELL ▲ WATER INJECTION ⊕ WATER SUPPLY ⊖ WATER DISPOSAL ⊛ DRILLING ▲ RETURNED GAS ▲ RETURNED OIL ⊛ GAS INJECTION SI ▲ WATER DISP SUSP ⊖ WATER INJ. SUSP. ▭ Townships ▭ Sections • Wells-CbitopsMaster2_08_11 — SGID93_ENERGY_DNROilGasWells_HDPATH |
|---|--|



1870calc = approx cement top calculated from well completion report



**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Getty 12-1-9-16 (amended submittal)

Location: 12/9S/16E **API:** 43-013-30889

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 240 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,173 feet. A cement bond log demonstrates adequate bond in this well up to about 764 feet. A 2 3/8 inch tubing with a packer will be set at 4,066 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. Based on surface locations, there are 2 producing wells, 6 injection wells, 2 P/A wells, and 3 shut-in wells (one of which is the proposed injection well) in the AOR. In addition, there are 2 directionally drilled producing wells with a surface locations outside the AOR and bottom hole locations inside the AOR. While most of the existing wells in the AOR have evidence of adequate casing and cement for the proposed injection interval, there are some which lack evidence of adequate cement. These wells include the Monument Federal 42-12J (API # 43-013-31486), Monument Federal 11-7J (API # 43-013-31492), Monument Federal 41-12J (API # 43-013-31487), and Monument Federal 44-1J (API # 43-013-31415), all located within the AOR, appear to have inadequate cement for the proposed injection interval. The most limiting of these wells is Monument Federal 44-1J, which is an active injection well. Its CBL (8/17/1994) indicates a cement top at about 4,456 feet. To protect these wellbores Newfield will not perforate the Getty 12-1 above 4,550 feet (see next paragraph). Inasmuch as some logs are of dubious quality or do not exhibit conclusive cement tops, it has been necessary to calculate approximate tops for "lite" cement, based on the cement indicated in the well completion report.

Ground Water Protection: As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 700 feet. The requested injection interval is between 3,965 feet and 6,044 feet in the Green River Formation. However, the top of good cement bond is at about 4,456 feet in the Monument Federal 44-1J, an active injection well

Getty 12-1-9-16

page 2

located within the AOR, approximately 1/4 mile northeast of the Getty 12-1-9-16 well. This cement top correlates to a depth of approximately 4,450 feet in the Getty 12-1-9-16 well. For this reason, it is recommended that the top of the injection interval be permitted no higher than a depth of 4,550 feet in the Getty 12-1-9-16 well. Information submitted by Newfield indicates that the fracture gradient for the 12-1-9-16 well is 0.64 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,163 psig. The requested maximum pressure is 1,163 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue. The original application for the Getty 12-1 well was received April 6, 1994. At that time the well was in the Jonah Unit (created January 13, 1993).

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action was sent to the Salt Lake Tribune (published May 19, 1994) and the Uinta Basin Standard (published May 24, 1994). The application was approved for conversion and injection on June 9, 1994, but the Getty 12-1 well was never put on injection. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date 3/3/2011

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU-44426

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:
GMBU (GRRV)

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
GETTY 12-1

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
43013308890000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052 **PHONE NUMBER:** 435 646-4825 Ext

9. FIELD and POOL or WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL FOOTAGES AT SURFACE:
0501 FNL 2012 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNE Section: 12 Township: 09.0S Range: 16.0E Meridian: S

COUNTY:
DUCHESNE

STATE:
UTAH

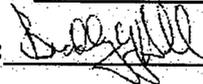
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/14/2011			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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

The subject well has been converted from a producing oil well to an injection well on 11/14/2011. On 11/14/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/14/2011 the casing was pressured up to 1375 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

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

Date: 11/23/2011
By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 11/23/2011	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ **Date** 11/14/2011 **Time** 1:30 am pm
Test Conducted by: Rowdy Cloward
Others Present: _____

Well: Getty 12-1-9-16 **Field:** Newfield Monument Butte
Well Location: Getty 12-1-9-16 **API No:** 430-13-30889
NW/NE Sec 12 T9S R16E
Duchesne County, UT

<u>Time</u>	<u>Casing Pressure</u>
0 min	<u>1375</u> psig
5	<u>1375</u> psig
10	<u>1375</u> psig
15	<u>1375</u> psig
20	<u>1375</u> psig
25	<u>1375</u> psig
30 min	<u>1375</u> psig
35	_____ psig
40	_____ psig
45	_____ psig
50	_____ psig
55	_____ psig
60 min	_____ psig

Tubing pressure: 0 psig

Result: Pass Fail

Signature of Witness: _____
Signature of Person Conducting Test: [Signature]

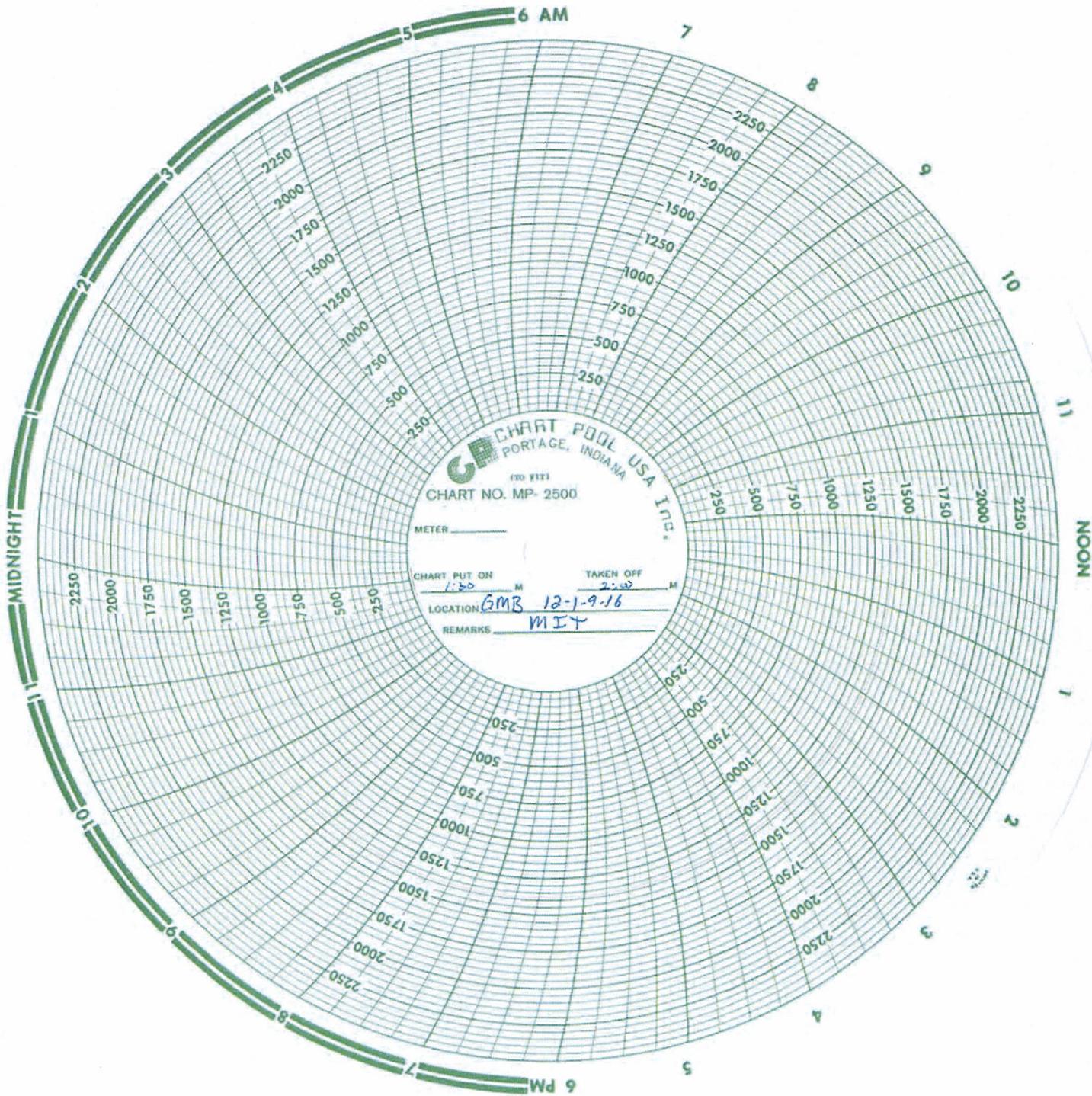


CHART POOL USA INC.
PORTAGE, INDIANA
(70 FTS)
CHART NO. MP- 2500

METER _____

CHART PUT ON 1:30 M TAKEN OFF 2:30 M

LOCATION GMB 12-1-9-16

REMARKS MIT

Daily Activity Report**Format For Sundry****GETTY 12-1-9-16****9/1/2011 To 1/30/2012****11/8/2011 Day: 4****Conversion**

WWS #5 on 11/8/2011 - RIH w/ RBP 7 Pkr. Locate hole in casing. - MIRUSU. RU Hot Oiler & pump 60 bbls water down casing @ 250°. Unseat pump. Flush rods w/ 40 bbls water. TOOH w/ rods. Flush rods w/ 30 bbls half way out. RU tbg equipment. Release TA. TOOH w/ 2-3/8" tbg laying down on trailer. Flush tbg w/ 30 bbls water half way out. SIFN. - MIRUSU. RU Hot Oiler & pump 60 bbls water down casing @ 250°. Unseat pump. Flush rods w/ 40 bbls water. TOOH w/ rods. Flush rods w/ 30 bbls half way out. RU tbg equipment. Release TA. TOOH w/ 2-3/8" tbg laying down on trailer. Flush tbg w/ 30 bbls water half way out. SIFN. - MIRUSU. RU Hot Oiler & pump 60 bbls water down casing @ 250°. Unseat pump. Flush rods w/ 40 bbls water. TOOH w/ rods. Flush rods w/ 30 bbls half way out. RU tbg equipment. Release TA. TOOH w/ 2-3/8" tbg laying down on trailer. Flush tbg w/ 30 bbls water half way out. SIFN. - MIRUSU. RU Hot Oiler & pump 60 bbls water down casing @ 250°. Unseat pump. Flush rods w/ 40 bbls water. TOOH w/ rods. Flush rods w/ 30 bbls half way out. RU tbg equipment. Release TA. TOOH w/ 2-3/8" tbg laying down on trailer. Flush tbg w/ 30 bbls water half way out. SIFN. - MIRUSU. RU Hot Oiler & pump 60 bbls water down casing @ 250°. Unseat pump. Flush rods w/ 40 bbls water. TOOH w/ rods. Flush rods w/ 30 bbls half way out. RU tbg equipment. Release TA. TOOH w/ 2-3/8" tbg laying down on trailer. Flush tbg w/ 30 bbls water half way out. SIFN. - Continue LD 2-3/8" tbg & bleeder nipple. RU Wireline trk. RIH w/ gauge ring. RIH & set WRP @ 4600'. PU, tally, drift & TIH w/ stinger, x-over, 2-3/8" SN, x-over, 25 jts 2-7/8" tbg, 5-1/2" Arrow Set 1 pkr, 24 jts 2-7/8" tbg, breaking & inspecting every collar. SIFN w/ EOT @ 1558'. - Continue LD 2-3/8" tbg & bleeder nipple. RU Wireline trk. RIH w/ gauge ring. RIH & set WRP @ 4600'. PU, tally, drift & TIH w/ stinger, x-over, 2-3/8" SN, x-over, 25 jts 2-7/8" tbg, 5-1/2" Arrow Set 1 pkr, 24 jts 2-7/8" tbg, breaking & inspecting every collar. SIFN w/ EOT @ 1558'. - Continue LD 2-3/8" tbg & bleeder nipple. RU Wireline trk. RIH w/ gauge ring. RIH & set WRP @ 4600'. PU, tally, drift & TIH w/ stinger, x-over, 2-3/8" SN, x-over, 25 jts 2-7/8" tbg, 5-1/2" Arrow Set 1 pkr, 24 jts 2-7/8" tbg, breaking & inspecting every collar. SIFN w/ EOT @ 1558'. - Continue PU, tally, drift, break & dope every pin & TIH w/ used 2-7/8" tbg. Pump 10 bbls down tbg. Drop SV. Pump SV to SN. Test tbg to 3000 psi. Fish SV. RD BOP's. Pump 70 bbls packer fluid. Set Pkr w/ 15,000#'s tension. Casing doesn't test to 1500 psi w/ 1000 psi loss in 1 min. Leave pressure overnight. - Continue PU, tally, drift, break & dope every pin & TIH w/ used 2-7/8" tbg. Pump 10 bbls down tbg. Drop SV. Pump SV to SN. Test tbg to 3000 psi. Fish SV. RD BOP's. Pump 70 bbls packer fluid. Set Pkr w/ 15,000#'s tension. Casing doesn't test to 1500 psi w/ 1000 psi loss in 1 min. Leave pressure overnight. - Continue PU, tally, drift, break & dope every pin & TIH w/ used 2-7/8" tbg. Pump 10 bbls down tbg. Drop SV. Pump SV to SN. Test tbg to 3000 psi. Fish SV. RD BOP's. Pump 70 bbls packer fluid. Set Pkr w/ 15,000#'s tension. Casing doesn't test to 1500 psi w/ 1000 psi loss in 1 min. Leave pressure overnight. - Casing won't test. 1500 to 600 psi in 2 min. Release pkr. NU BOP's. TOOH w/ tbg testing casing every 20 stds. Found leak @ 1328' to 1316'. Open surface casing valve & monitor w/ no sign of movement in surface casing. RU 5-1/2" TS RBP, Retrieving head, 2-3/8"x 4' pup joint, HD pkr, TIH & set RBP @ 3825'. Set pkr & test tools to 2000 psi. TOOH w/ tbg. Set pkr @ 1327' & test casing to RBP @ 3825' (good to 2000 psi). TOOH w/ 6' & set Pkr @ 1321' (won't test). Pressure to 3000 psi @ 1/4 bpm w/ 2 bbls water. Loses 1000 psi in 2 min. Never goes below 600 psi. Pressure again to 3000 psi @ 1/4 bpm w/ 1.5 bbls water. Loses 800 psi in 2 min. SIFN. - Casing won't test. 1500 to 600 psi in 2 min. Release pkr. NU BOP's. TOOH w/ tbg testing casing every 20 stds. Found leak @ 1328' to 1316'. Open surface casing valve & monitor w/ no sign of

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SIFN. - Continue PU, tally, drift, break & dope every pin & TIH w/ used 2-7/8" tbg. Pump 10 bbls down tbg. Drop SV. Pump SV to SN. Test tbg to 3000 psi. Fish SV.

RD BOP's. Pump 70 bbls packer fluid. Set Pkr w/ 15,000#'s tension. Casing doesn't test to 1500 psi w/ 1000 psi loss in 1 min. Leave pressure overnight. - Continue PU, tally, drift, break & dope every pin & TIH w/ used 2-7/8" tbg. Pump 10 bbls down tbg. Drop SV. Pump SV to SN. Test tbg to 3000 psi. Fish SV. RD BOP's. Pump 70 bbls packer fluid. Set Pkr w/ 15,000#'s tension. Casing doesn't test to 1500 psi w/ 1000 psi loss in 1 min. Leave pressure overnight. - Continue PU, tally, drift, break & dope every pin & TIH w/ used 2-7/8" tbg. Pump 10 bbls down tbg. Drop SV. Pump SV to SN. Test tbg to 3000 psi. Fish SV. RD BOP's. Pump 70 bbls packer fluid. Set Pkr w/ 15,000#'s tension. Casing doesn't test to 1500 psi w/ 1000 psi loss in 1 min. Leave pressure overnight. - Continue PU, tally, drift, break & dope every pin & TIH w/ used 2-7/8" tbg. Pump 10 bbls down tbg. Drop SV. Pump SV to SN. Test tbg to 3000 psi. Fish SV. RD BOP's. Pump 70 bbls packer fluid. Set Pkr w/ 15,000#'s tension. Casing doesn't test to 1500 psi w/ 1000 psi loss in 1 min. Leave pressure overnight. - Continue LD 2-3/8" tbg & bleeder nipple. RU Wireline trk. RIH w/ gauge ring. RIH & set WRP @ 4600'. PU, tally, drift & TIH w/ stinger, x-over, 2-3/8" SN, x-over, 25 jts 2-7/8" tbg, 5-1/2" Arrow Set 1 pkr, 24 jts 2-7/8" tbg, breaking & inspecting every collar. SIFN w/ EOT @ 1558'. - Continue LD 2-3/8" tbg & bleeder nipple. RU Wireline trk. RIH w/ gauge ring. RIH & set WRP @ 4600'. PU, tally, drift & TIH w/ stinger, x-over, 2-3/8" SN, x-over, 25 jts 2-7/8" tbg, 5-1/2" Arrow Set 1 pkr, 24 jts 2-7/8" tbg, breaking & inspecting every collar. SIFN w/ EOT @ 1558'. - Continue LD 2-3/8" tbg & bleeder nipple. RU Wireline trk. RIH w/ gauge ring. RIH & set WRP @ 4600'. PU, tally, drift & TIH w/ stinger, x-over, 2-3/8" SN, x-over, 25 jts 2-7/8" tbg, 5-1/2" Arrow Set 1 pkr, 24 jts 2-7/8" tbg, breaking & inspecting every collar. SIFN w/ EOT @ 1558'. - Continue LD 2-3/8" tbg & bleeder nipple. RU Wireline trk. RIH w/ gauge ring. RIH & set WRP @ 4600'. PU, tally, drift & TIH w/ stinger, x-over, 2-3/8" SN, x-over, 25 jts 2-7/8" tbg, 5-1/2" Arrow Set 1 pkr, 24 jts 2-7/8" tbg, breaking & inspecting every collar. SIFN w/ EOT @ 1558'. - MIRUSU. RU Hot Oiler & pump 60 bbls water down casing @ 250°. Unseat pump. Flush rods w/ 40 bbls water. TOOH w/ rods. Flush rods w/ 30 bbls half way out. RU tbg equipment. Release TA. TOOH w/ 2-3/8" tbg laying down on trailer. Flush tbg w/ 30 bbls water half way out. SIFN. - MIRUSU. RU Hot Oiler & pump 60 bbls water down casing @ 250°. Unseat pump. Flush rods w/ 40 bbls water. TOOH w/ rods. Flush rods w/ 30 bbls half way out. RU tbg equipment. Release TA. TOOH w/ 2-3/8" tbg laying down on trailer. Flush tbg w/ 30 bbls water half way out. SIFN. **Finalized**
Daily Cost: \$0
Cumulative Cost: \$34,545

11/10/2011 Day: 5
Conversion

WWS #5 on 11/10/2011 - TIH w/ new arrow Set. Tbg won't test. - TIH w/ tbg. Release RBP @ 3825'. TOOH w/ tbg. TIH w/ stinger, x-over sub, 2-3/8" SN, x-over sub, 25 jts 2-7/8" tbg, 5-1/2" Arrow Set 1 pkr, 120 jts tbg. Flush tbg w/ 40 bbls hot water. Drop SV. Pump to btm. Try to test tbg. Losses 160 psi in 10 min @ 3000 psi. Changed out SV twice & still has same bled off. SIFN. - TIH w/ tbg. Release RBP @ 3825'. TOOH w/ tbg. TIH w/ stinger, x-over sub, 2-3/8" SN, x-over sub, 25 jts 2-7/8" tbg, 5-1/2" Arrow Set 1 pkr, 120 jts tbg. Flush tbg w/ 40 bbls hot water. Drop SV. Pump to btm. Try to test tbg. Losses 160 psi in 10 min @ 3000 psi. Changed out SV twice & still has same bled off. SIFN. - Pressure tbg to 3000 psi. Still leaks 160 psi in 10 min. Retrieve SV. TOOH w/ tbg. Found collar leak above pkr. TIH w/ tbg. Test tbg to 3000 psi. Retrieve SV. SIFN. - TIH w/ tbg. Release RBP @ 3825'. TOOH w/ tbg. TIH w/ stinger, x-over sub, 2-3/8" SN, x-over sub, 25 jts 2-7/8" tbg, 5-1/2" Arrow Set 1 pkr, 120 jts tbg. Flush tbg w/ 40 bbls hot water. Drop SV. Pump to btm. Try to test tbg. Losses 160 psi in 10 min @ 3000 psi. Changed out SV twice & still has same bled off. SIFN. - Pressure tbg to 3000 psi. Still leaks 160 psi in 10 min. Retrieve SV. TOOH w/ tbg. Found collar leak above pkr. TIH w/ tbg. Test tbg to 3000 psi. Retrieve SV. SIFN. - Pressure tbg to 3000 psi. Still leaks 160 psi in 10 min. Retrieve SV. TOOH w/ tbg. Found collar leak above pkr. TIH w/ tbg. Test tbg to 3000 psi. Retrieve SV. SIFN. - Pressure tbg to 3000 psi. Still leaks 160 psi in 10 min. Retrieve SV. TOOH w/ tbg. Found collar leak above pkr. TIH w/ tbg. Test tbg to 3000 psi. Retrieve SV. SIFN. - TIH w/ tbg. Release RBP @ 3825'. TOOH w/ tbg. TIH w/ stinger, x-over sub, 2-3/8" SN, x-over sub, 25 jts 2-7/8" tbg, 5-1/2" Arrow Set 1 pkr, 120 jts tbg. Flush tbg w/ 40 bbls

hot water. Drop SV. Pump to btm. Try to test tbg. Losses 160 psi in 10 min @ 3000 psi.
Changed out SV twice & still has same bled off. SIFN. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$42,180

11/19/2011 Day: 7

Conversion

WWS #5 on 11/19/2011 - Pump Angard. - RU Haliburton & pump 70 bbls of pkr fluid, 24 bbls of Angard. Set Arrow Set 1 pkr @ 3813' w/ pkr @ 4602'. Squeeze 1.5 bbls Angard into hole in casing. Leave 500 psi on casing. SIFN. - RU Haliburton & pump 70 bbls of pkr fluid, 24 bbls of Angard. Set Arrow Set 1 pkr @ 3813' w/ pkr @ 4602'. Squeeze 1.5 bbls Angard into hole in casing. Leave 500 psi on casing. SIFN. - Check pressure 200 psi on casing. Pressure Casing to 1000 psi good test. Conduct MIT on well. - Check pressure 200 psi on casing. Pressure Casing to 1000 psi good test. Conduct MIT on well. - Check pressure 200 psi on casing. Pressure Casing to 1000 psi good test. Conduct MIT on well. - RU Haliburton & pump 70 bbls of pkr fluid, 24 bbls of Angard. Set Arrow Set 1 pkr @ 3813' w/ pkr @ 4602'. Squeeze 1.5 bbls Angard into hole in casing. Leave 500 psi on casing. SIFN. - RU Haliburton & pump 70 bbls of pkr fluid, 24 bbls of Angard. Set Arrow Set 1 pkr @ 3813' w/ pkr @ 4602'. Squeeze 1.5 bbls Angard into hole in casing. Leave 500 psi on casing. SIFN. - Check pressure 200 psi on casing. Pressure Casing to 1000 psi good test. Conduct MIT on well.

Daily Cost: \$0

Cumulative Cost: \$69,961

11/23/2011 Day: 9

Conversion MIT

Rigless on 11/23/2011 - Conduct MIT - On 11/14/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/14/2011 the casing was pressured up to 1375 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test - On 11/14/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/14/2011 the casing was pressured up to 1375 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test

Finalized

Daily Cost: \$0

Cumulative Cost: \$78,686

Pertinent Files: Go to File List



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

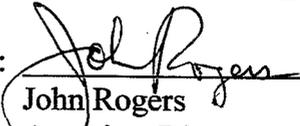
Cause No. UIC-151

Operator: Newfield Production Company
Well: Getty 12-1
Location: Section 12, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-30889
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on March 7, 2011.
2. Maximum Allowable Injection Pressure: 1,163 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,550' – 6,044')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:


John Rogers
Associate Director

11/29/2011
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield



Getty Federal 12-1-9-16

Spud Date: 1/30/84
 Put on Production: 3/13/84
 GL: 5412' KB: 5425'

Initial Production: 60 BOPD, 106 MCFD, 3 BWPD

Injection Wellbore Diagram

SURFACE CASING

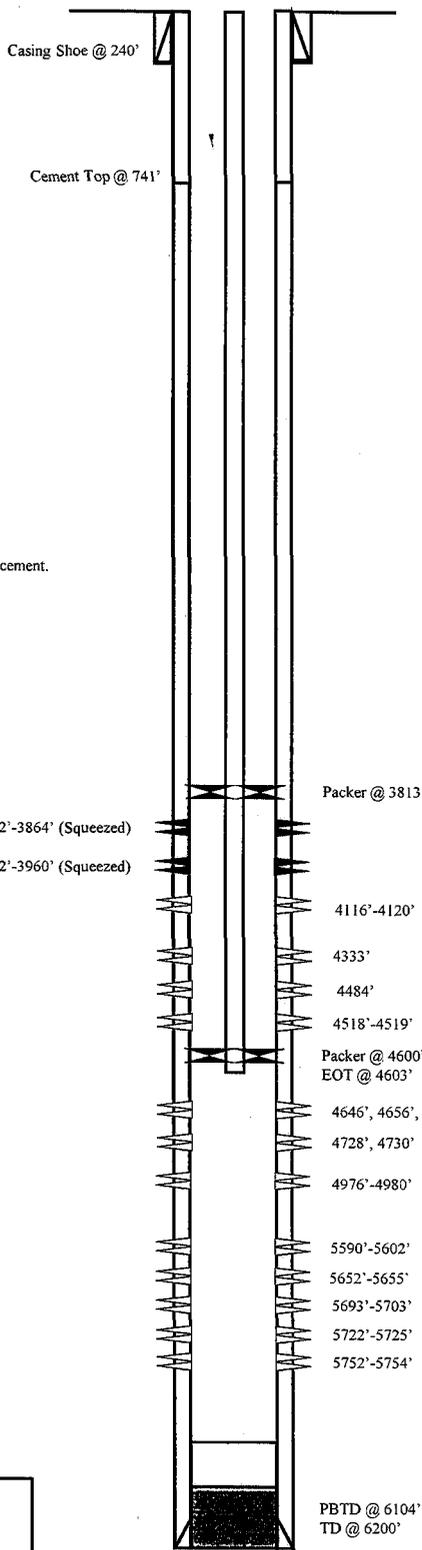
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 jts. (227')
 DEPTH LANDED: 240'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 175 sxs Class "H" cmt, circulate to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 151 jts. (6160')
 DEPTH LANDED: 6173'
 HOLE SIZE: 8 3/4"
 CEMENT DATA: 760 sxs 65/35 POZ & 555 sxs Class "H" cement.
 CEMENT TOP AT: 741' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 TUBING: 1 jt (33.0')
 TUBING PUP: 1 jt (18.2')
 NO. OF JOINTS: 120 jts (3743.6')
 CE @ 3812.79'
 TUBING: 25 jts (784.0')
 XO: 2-3/8" (0.5)
 SEATING NIPPLE: 2-3/8" (1.10')
 SN LANDED AT: 4601.0' KB
 XO: 2-3/8" (0.5)
 WRP CE @ 4600'
 TOTAL STRING LENGTH: EOT @ 4603' KB



FRAC JOB

2/25/84	5693'-5754'	Frac zone as follows: 60,000# 20/40 sand + 20,000# 12/20 sand in 642 bbls Apollo fluid. Treated @ avg press of 2800 psi w/avg rate of 27 BPM. ISIP 1200 psi. Calc. flush: 5693 gal. Actual flush: 2058 gal. Screened out w/ 13,000# sand in casing.
2/26/84	3852'-4730'	Frac zone as follows: 60,000# 20/40 sand + 20,000# 10/20 sand in 717 bbls Apollo fluid. Treated @ avg press of 3400 psi w/avg rate of 30 BPM. ISIP 1400 psi. Calc. flush: 3852 gal. Actual flush: 3864 gal.
3/27/84	5590'-5602'	Frac zone as follows: 50,000# 20/40 sand in 476 bbls Apollo fluid. Treated @ avg press of 4600 psi w/avg rate of 20 BPM. ISIP 1500 psi. Calc. flush: 1401 gal. Actual flush: 1386 gal.
3/29/84	4399'-4410'	Frac zone as follows: 50,000# 20/40 sand in 476 bbls Apollo fluid. Treated @ avg press of 4300 psi w/avg rate of 21 BPM. ISIP 1750 psi. Calc. flush: 1114 gal. Actual flush: 1113 gal.
8/31/94	4976'-4980'	Frac zone as follows: 13,560# 16/30 sand in 123 bbls Viking I-35 fluid. Treated @ avg press of 4500 psi w/avg rate of 8.1 BPM. ISIP 1740 psi. Calc. flush: 950 gal. Actual flush: 924 gal.
8/07/96		Pump change. Update rod and tubing details.
11/12/11		Conversion - Pump 70 bbls of pkr fluid and 24 bbls of Anguard.
11/14/11		Convert well to injection
11/14/11		Conversion MIT Finalized - updated tbg detail

PERFORATION RECORD

2/25/84	5652', 5654', 5655', 5693', 5698', 5700', 5703', 5722', 5725', 5752', 5754'	1 JSPF
2/26/84	3852', 3858', 3860', 3862', 3864', 3942', 3946', 3952', 3956', 3960', 4116', 4118', 4120', 4333', 4393', 4396', 4398', 4400', 4402', 4405', 4408', 4484', 4518', 4519', 4646', 4656', 4670', 4690', 4728', 4730'	1 JSPF
3/27/84	5590'-5602'	4 JSPF 48 holes
3/30/84	4399'-4410'	3 JSPF 30 holes
8/31/94	4976'-4980'	4 JSPF 16 holes

NEWFIELD



Getty Fed. 12-1-9-16
 501' FNL & 2012' FEL
 NWNE Section 12-T9S-R19E
 Duchesne Co, Utah
 API #43-013-30889; Lease #UTU-44426

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-44426
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: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: GETTY 12-1
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013308890000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0501 FNL 2012 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 12 Township: 09.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/27/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input checked="" type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text" value="W/O MIT / Anguard"/>

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

The above subject well had workover procedures performed (tubing leak), attached is a daily status report. On 10/16/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 11/27/2012 the csg was pressured up to 1050 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbp pressure was 500 psig during the test. There was not a State representative available to witness the test. 11/21/2012 31 bbls Anguard and 40 bbls packer fluid pumped down csg.

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

Date: December 03, 2012

By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 11/30/2012	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 11/27/12 Time 12:10 am (pm)
Test Conducted by: EVERETT UNRUH
Others Present: _____

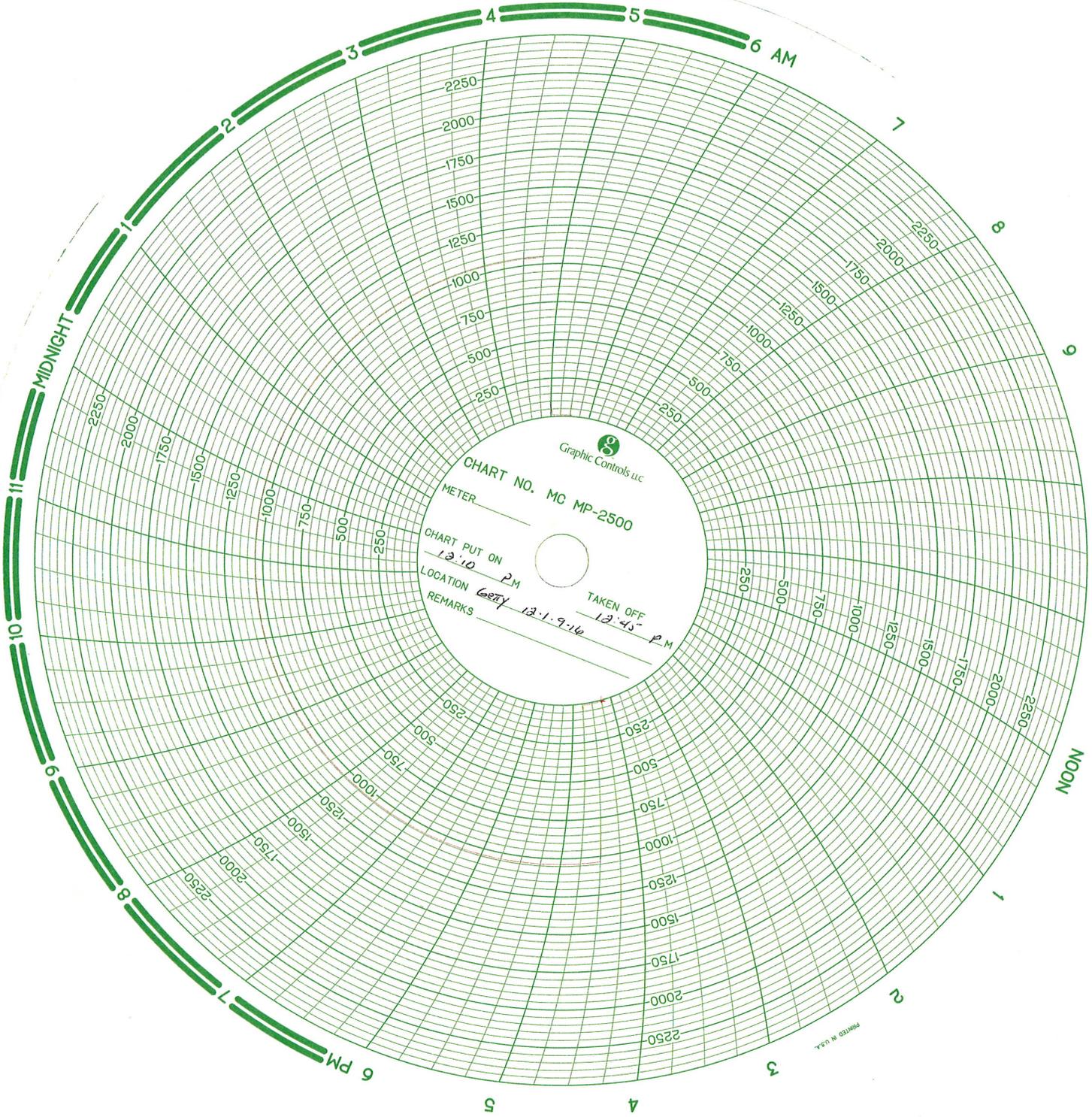
Well: GETTY 12-1-9-14 Field: _____
Well Location: NW NE Sec 12 T9S R16E API No: 43-013-30889
Duchesne, County UT

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1050</u>	psig
5	<u>1050</u>	psig
10	<u>1050</u>	psig
15	<u>1050</u>	psig
20	<u>1050</u>	psig
25	<u>1050</u>	psig
30 min	<u>1050</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 500 psig

Result: Pass Fail

Signature of Witness: _____
Signature of Person Conducting Test: Everett Unruh



- BEST TEST WAS 30 PSI LOST IN 30 MINUTES - SWIFN W/ 3000 PSI ON TBG - - SICP 0 PSI - SITP 0 PSI - FINISH POOH W/ TBG - RIH W/ NEW SEAL ASSEMBLY W/ NEW XO'S AND NEW 2 3/8" SEAT NIPPLE - RIH W/ 25 JTS 2 7/8" J -55 TBG - M/U NEW 5 1/2" ARROW SET PKR W/ NEW RETRIEVING HEAD - RIH W/ 80 JTS 2 7/8" J -55 - WELL STARTED TO FLOW UP THE TBG - WAIT 30 MINUTES FOR H/O - PUMP 20 BBLS DOWN TBG -FINISH RIH W/ TBG - SEE TBG DETAIL - PUMP 5 BBL PAD - DROP 2 3/8" STANDIN VALVE - PSI TEST TBG TO 3000 PSI TEST - BEST TEST WAS 30 PSI LOST IN 30 MINUTES - SWIFN W/ 3000 PSI ON TBG - - SICP 0 PSI - SITP 0 PSI - FINISH POOH W/ TBG - RIH W/ NEW SEAL ASSEMBLY W/ NEW XO'S AND NEW 2 3/8" SEAT NIPPLE - RIH W/ 25 JTS 2 7/8" J -55 TBG - M/U NEW 5 1/2" ARROW SET PKR W/ NEW RETRIEVING HEAD - RIH W/ 80 JTS 2 7/8" J -55 - WELL STARTED TO FLOW UP THE TBG - WAIT 30 MINUTES FOR H/O - PUMP 20 BBLS DOWN TBG -FINISH RIH W/ TBG - SEE TBG DETAIL - PUMP 5 BBL PAD - DROP 2 3/8" STANDIN VALVE - PSI TEST TBG TO 3000 PSI TEST - BEST TEST WAS 30 PSI LOST IN 30 MINUTES - SWIFN W/ 3000 PSI ON TBG - - SICP 0 PSI - SITP 0 PSI - FINISH POOH W/ TBG - RIH W/ NEW SEAL ASSEMBLY W/ NEW XO'S AND NEW 2 3/8" SEAT NIPPLE - RIH W/ 25 JTS 2 7/8" J -55 TBG - M/U NEW 5 1/2" ARROW SET PKR W/ NEW RETRIEVING HEAD - RIH W/ 80 JTS 2 7/8" J -55 - WELL STARTED TO FLOW UP THE TBG - WAIT 30 MINUTES FOR H/O - PUMP 20 BBLS DOWN TBG -FINISH RIH W/ TBG - SEE TBG DETAIL - PUMP 5 BBL PAD - DROP 2 3/8" STANDIN VALVE - PSI TEST TBG TO 3000 PSI TEST - BEST TEST WAS 30 PSI LOST IN 30 MINUTES - SWIFN W/ 3000 PSI ON TBG - - SICP 0 PSI - SITP 0 PSI - FINISH POOH W/ TBG - RIH W/ NEW SEAL ASSEMBLY W/ NEW XO'S AND NEW 2 3/8" SEAT NIPPLE - RIH W/ 25 JTS 2 7/8" J -55 TBG - M/U NEW 5 1/2" ARROW SET PKR W/ NEW RETRIEVING HEAD - RIH W/ 80 JTS 2 7/8" J -55 - WELL STARTED TO FLOW UP THE TBG - WAIT 30 MINUTES FOR H/O - PUMP 20 BBLS DOWN TBG -FINISH RIH W/ TBG - SEE TBG DETAIL - PUMP 5 BBL PAD - DROP 2 3/8" STANDIN VALVE - PSI TEST TBG TO 3000 PSI TEST - BEST TEST WAS 30 PSI LOST IN 30 MINUTES - SWIFN W/ 3000 PSI ON TBG - - MIRUSU, BLEED WELL OFF INTO ZUBIATE TANK UNTIL WELL BLED DOWN TO ALMOST NO FLOW - N/D WELL HEAD - N/U BOPS - R/U WORKFLOOR - JAYED OFF OF PACKER - CIRCULATE WELL W/ 40 BBLS - JAYED BACK ONTO PACKER - DROPPED STANDIN VALVE - PSI TEST TBG TO 3000 PSI - FIRST TEST NO GOOD - 2ND TEST GOOD - R/U SANDLINE - M/U 2" TRICO FISHING TOOL - RIH AND FISH STANDING VALVE - L/D FISH AND SANDLINE - RELEAASE PACKER - L/D 1 JT - L/D TBG SUBS 10' AND 8' - POOH W/ 80 JTS - SWIFN - MIRUSU, BLEED WELL OFF INTO ZUBIATE TANK UNTIL WELL BLED DOWN TO ALMOST NO FLOW - N/D WELL HEAD - N/U BOPS - R/U WORKFLOOR - JAYED OFF OF PACKER - CIRCULATE WELL W/ 40 BBLS - JAYED BACK ONTO PACKER - DROPPED STANDIN VALVE - PSI TEST TBG TO 3000 PSI - FIRST TEST NO GOOD - 2ND TEST GOOD - R/U SANDLINE - M/U 2" TRICO FISHING TOOL - RIH AND FISH STANDING VALVE - L/D FISH AND SANDLINE - RELEAASE PACKER - L/D 1 JT - L/D TBG SUBS 10' AND 8' - POOH W/ 80 JTS - SWIFN - MIRUSU, BLEED WELL OFF INTO ZUBIATE TANK UNTIL WELL BLED DOWN TO ALMOST NO FLOW - N/D WELL HEAD - N/U BOPS - R/U WORKFLOOR - JAYED OFF OF PACKER - CIRCULATE WELL W/ 40 BBLS - JAYED BACK ONTO PACKER - DROPPED STANDIN VALVE - PSI TEST TBG TO 3000 PSI - FIRST TEST NO GOOD - 2ND TEST GOOD - R/U SANDLINE - M/U 2" TRICO FISHING TOOL - RIH AND FISH STANDING VALVE - L/D FISH AND SANDLINE - RELEAASE PACKER - L/D 1 JT - L/D TBG SUBS 10' AND 8' - POOH W/ 80 JTS - SWIFN - MIRUSU, BLEED WELL OFF INTO ZUBIATE TANK UNTIL WELL BLED DOWN TO ALMOST NO FLOW - N/D WELL HEAD - N/U BOPS - R/U WORKFLOOR - JAYED OFF OF PACKER - CIRCULATE WELL W/ 40 BBLS - JAYED BACK ONTO PACKER - DROPPED STANDIN VALVE - PSI TEST TBG TO 3000 PSI - FIRST TEST NO GOOD - 2ND TEST GOOD - R/U SANDLINE - M/U 2" TRICO FISHING TOOL - RIH AND FISH STANDING VALVE - L/D FISH AND SANDLINE - RELEAASE PACKER - L/D 1 JT - L/D TBG SUBS 10' AND 8' - POOH W/ 80 JTS - SWIFN - MIRUSU, BLEED WELL OFF INTO ZUBIATE TANK UNTIL WELL BLED DOWN TO ALMOST NO FLOW - N/D WELL HEAD - N/U BOPS - R/U WORKFLOOR - JAYED OFF OF PACKER - CIRCULATE WELL W/ 40 BBLS - JAYED BACK ONTO PACKER - DROPPED STANDIN VALVE - PSI TEST TBG TO 3000 PSI - FIRST TEST NO GOOD - 2ND TEST GOOD - R/U SANDLINE - M/U 2" TRICO FISHING TOOL - RIH AND FISH STANDING VALVE - L/D FISH AND SANDLINE - RELEAASE PACKER - L/D 1 JT - L/D TBG SUBS 10' AND 8' - POOH W/ 80 JTS - SWIFN - SICP 0 PSI - SITP 0 PSI - OPEN WELL - SET ARROW SET PACKER W/ CENTER ELEMENTS @ 3812.79' - JAY OFF OF PACKER L/D 1 JT - WAIT FOR HALLIBURTON R/U HALLIBURTON TO PUMP

11/27/2012 Day: 6

Tubing Leak

Nabors #1423 on 11/27/2012 - pressure test - CREW TRAVEL AND JSP MEETING 0 PSI - PRESSURE TEST CSG TO 1100 PSI - NO TEST - PRESSURED BACK UP ON CSG EVERY 20 - 30 MINUTES - CONTINUED LOSS OF PRESSURE BETWEEN 225 TO 400 PSI - PRESSURE CSG BACK UP 20 TIMES - THEN PRESSURED CSG UP TO 1200 PSI - PRESSURE LOSS ON CSG BETWEEN 300 TO 400 PSI - PRESSURED CSG UP TO 1200 PSI 5 TIMES - PRESSURED CSG UP TO 1200 PSI AND SWIFN - CREW TRAVEL AND JSP MEETING 0 PSI - PRESSURE TEST CSG TO 1100 PSI - NO TEST - PRESSURED BACK UP ON CSG EVERY 20 - 30 MINUTES - CONTINUED LOSS OF PRESSURE BETWEEN 225 TO 400 PSI - PRESSURE CSG BACK UP 20 TIMES - THEN PRESSURED CSG UP TO 1200 PSI - PRESSURE LOSS ON CSG BETWEEN 300 TO 400 PSI - PRESSURED CSG UP TO 1200 PSI 5 TIMES - PRESSURED CSG UP TO 1200 PSI AND SWIFN - CREW TRAVEL AND JSP MEETING 0 PSI - PRESSURE TEST CSG TO 1100 PSI - NO TEST - PRESSURED BACK UP ON CSG EVERY 20 - 30 MINUTES - CONTINUED LOSS OF PRESSURE BETWEEN 225 TO 400 PSI - PRESSURE CSG BACK UP 20 TIMES - THEN PRESSURED CSG UP TO 1200 PSI - PRESSURE LOSS ON CSG BETWEEN 300 TO 400 PSI - PRESSURED CSG UP TO 1200 PSI 5 TIMES - PRESSURED CSG UP TO 1200 PSI AND SWIFN

Daily Cost: \$0

Cumulative Cost: \$55,000

11/28/2012 Day: 7

Tubing Leak

Nabors #1423 on 11/28/2012 - pressure test, test wellhead - SICIP 950 PSI - THAW WELL OUT W/ H/O - PRESSURE CSG UP TO 1100 PSI - SHUT WELL IN AND MONITOR PRESSURE - PRESSURE INCREASED TO 1150 PSI IN 1HR - CHECK TBG PSI - SITP 500 PSI - CHECK CSG PSI - SICIP 1140 PSI - MONITOR CSG PRESSURE FOR 1 HR - 0 PSI LOSS - SICIP 1140 PSI - GOOD TEST - WOODGROUP (GE) TESTED WELLHEAD TO 3000 PSI - GOOD TEST - On 10/16/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 11/27/2012 the csg was pressured up to 1050 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 500 psig during the test. There was not a State representative available to witness the test. - On 10/16/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 11/27/2012 the csg was pressured up to 1050 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 500 psig during the test. There was not a State representative available to witness the test. - SICIP 950 PSI - THAW WELL OUT W/ H/O - PRESSURE CSG UP TO 1100 PSI - SHUT WELL IN AND MONITOR PRESSURE - PRESSURE INCREASED TO 1150 PSI IN 1HR - CHECK TBG PSI - SITP 500 PSI - CHECK CSG PSI - SICIP 1140 PSI - MONITOR CSG PRESSURE FOR 1 HR - 0 PSI LOSS - SICIP 1140 PSI - GOOD TEST - WOODGROUP (GE) TESTED WELLHEAD TO 3000 PSI - GOOD TEST - SICIP 950 PSI - THAW WELL OUT W/ H/O - PRESSURE CSG UP TO 1100 PSI - SHUT WELL IN AND MONITOR PRESSURE - PRESSURE INCREASED TO 1150 PSI IN 1HR - CHECK TBG PSI - SITP 500 PSI - CHECK CSG PSI - SICIP 1140 PSI - MONITOR CSG PRESSURE FOR 1 HR - 0 PSI LOSS - SICIP 1140 PSI - GOOD TEST - WOODGROUP (GE) TESTED WELLHEAD TO 3000 PSI - GOOD TEST - On 10/16/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 11/27/2012 the csg was pressured up to 1050 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 500 psig during the test. There was not a State representative available to witness the test. - On 10/16/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 11/27/2012 the csg was pressured up to 1050 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 500 psig during the test. There was not a State representative available to witness the test. - SICIP 950 PSI - THAW WELL OUT W/ H/O - PRESSURE CSG UP TO 1100 PSI - SHUT

WELL IN AND MONITOR PRESSURE - PRESSURE INCREASED TO 1150 PSI IN 1HR - CHECK TBG PSI - SITP 500 PSI - CHECK CSG PSI - SICIP 1140 PSI - MONITOR CSG PRESSURE FOR 1 HR - 0 PSI LOSS - SICIP 1140 PSI - GOOD TEST - WOODGROUP (GE) TESTED WELLHEAD TO 3000 PSI - GOOD TEST - SICIP 950 PSI - THAW WELL OUT W/ H/O - PRESSURE CSG UP TO 1100 PSI - SHUT WELL IN AND MONITOR PRESSURE - PRESSURE INCREASED TO 1150 PSI IN 1HR - CHECK TBG PSI - SITP 500 PSI - CHECK CSG PSI - SICIP 1140 PSI - MONITOR CSG PRESSURE FOR 1 HR - 0 PSI LOSS - SICIP 1140 PSI - GOOD TEST - WOODGROUP (GE) TESTED WELLHEAD TO 3000 PSI - GOOD TEST - On 10/16/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 11/27/2012 the csg was pressured up to 1050 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 500 psig during the test. There was not a State representative available to witness the test. - SICIP 950 PSI - THAW WELL OUT W/ H/O - PRESSURE CSG UP TO 1100 PSI - SHUT WELL IN AND MONITOR PRESSURE - PRESSURE INCREASED TO 1150 PSI IN 1HR - CHECK TBG PSI - SITP 500 PSI - CHECK CSG PSI - SICIP 1140 PSI - MONITOR CSG PRESSURE FOR 1 HR - 0 PSI LOSS - SICIP 1140 PSI - GOOD TEST - WOODGROUP (GE) TESTED WELLHEAD TO 3000 PSI - GOOD TEST - On 10/16/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 11/27/2012 the csg was pressured up to 1050 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 500 psig during the test. There was not a State representative available to witness the test. **Finalized**
Daily Cost: \$0
Cumulative Cost: \$57,045

Pertinent Files: [Go to File List](#)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER: U-44426
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: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: GETTY 12-1
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013308890000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0501 FNL 2012 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 12 Township: 09.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/11/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Step Rate Test"/>

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

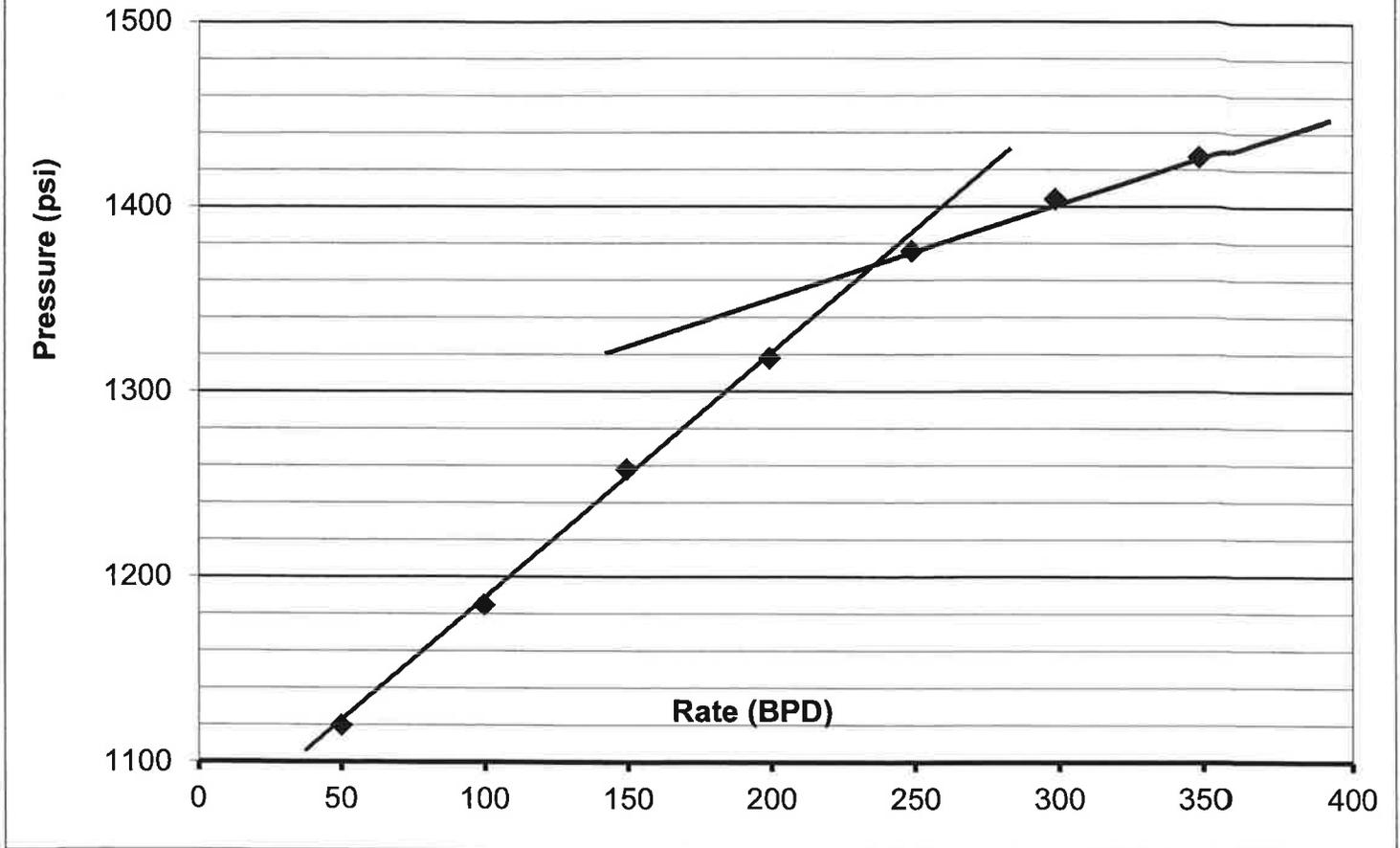
step rate test was conducted on the subject well on 07/11/2013. Results from the test indicate that the fracture gradient is 0.733 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1163 psi to 1365 psi.

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

Date: August 21, 2013
By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 7/22/2013	

**Getty 12-1-9-16
Greater Monument Butte Unit
Step Rate Test
July 11, 2013**



		<u>Step</u>	<u>Rate(bpd)</u>	<u>Pressure(psi)</u>
Start Pressure:	1089 psi	1	50	1120
		2	100	1185
Top Perforation:	4646 feet	3	150	1258
Fracture pressure (Pfp):	1365 psi	4	200	1318
FG:	0.733 psi/ft	5	250	1376
		6	300	1404
		7	350	1427

Data Table Report

Report Name: PrTemp1000 Data Table
 Report Date: 07/15/2013 13:47:43
 File Name: C:\Program Files\PTC® Instruments 2.03.12\
 Getty 12-1-9-16 SRT (7-11-13).csv
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: N89296
 Device ID: PrTemp
 Data Start Date: Jul 11, 2013 09:00:01 AM MDT
 Data End Date: Jul 11, 2013 01:00:00 PM MDT
 Reading: 1 to 49 of 49
 Reading Rate: 30 Seconds
 Last Calibration Date: Sep 18, 2012
 Next Calibration Date: Sep 18, 2013
 Next Calibration Date: Sep 18, 2013

Getty 12-1-9-16 SRT (7-11-13)

Unit Type (All Units)

Reading	DateTime (MDT)	Channel 2 PSIA
1	Jul 11, 2013 09:00:01 AM	1090.2
2	Jul 11, 2013 09:05:00 AM	1089.8
3	Jul 11, 2013 09:10:01 AM	1089.2
4	Jul 11, 2013 09:15:00 AM	1089.2
5	Jul 11, 2013 09:20:01 AM	1088.8
6	Jul 11, 2013 09:25:00 AM	1087.6
7	Jul 11, 2013 09:30:01 AM	1087
8	Jul 11, 2013 09:35:01 AM	1105.2
9	Jul 11, 2013 09:40:01 AM	1109.4
10	Jul 11, 2013 09:45:01 AM	1113.2
11	Jul 11, 2013 09:50:00 AM	1116.2
12	Jul 11, 2013 09:55:01 AM	1118.6
13	Jul 11, 2013 10:00:00 AM	1120.4
14	Jul 11, 2013 10:05:01 AM	1150.8
15	Jul 11, 2013 10:10:00 AM	1160
16	Jul 11, 2013 10:15:01 AM	1167.2
17	Jul 11, 2013 10:20:01 AM	1173.6
18	Jul 11, 2013 10:25:01 AM	1180.8
19	Jul 11, 2013 10:30:01 AM	1185.4
20	Jul 11, 2013 10:35:00 AM	1216.4
21	Jul 11, 2013 10:40:01 AM	1227.2
22	Jul 11, 2013 10:45:00 AM	1237.2
23	Jul 11, 2013 10:50:01 AM	1242.4
24	Jul 11, 2013 10:55:00 AM	1246.4
25	Jul 11, 2013 11:00:01 AM	1257.8
26	Jul 11, 2013 11:05:01 AM	1288.8
27	Jul 11, 2013 11:10:01 AM	1302.8
28	Jul 11, 2013 11:15:01 AM	1309.4
29	Jul 11, 2013 11:20:00 AM	1315
30	Jul 11, 2013 11:25:01 AM	1319.6
31	Jul 11, 2013 11:30:00 AM	1318
32	Jul 11, 2013 11:35:01 AM	1334.6
33	Jul 11, 2013 11:40:00 AM	1341.4
34	Jul 11, 2013 11:45:01 AM	1349.6
35	Jul 11, 2013 11:50:01 AM	1359.8
36	Jul 11, 2013 11:55:01 AM	1367.4
37	Jul 11, 2013 12:00:01 PM	1375.6
38	Jul 11, 2013 12:05:00 PM	1387.4

Data Table Report

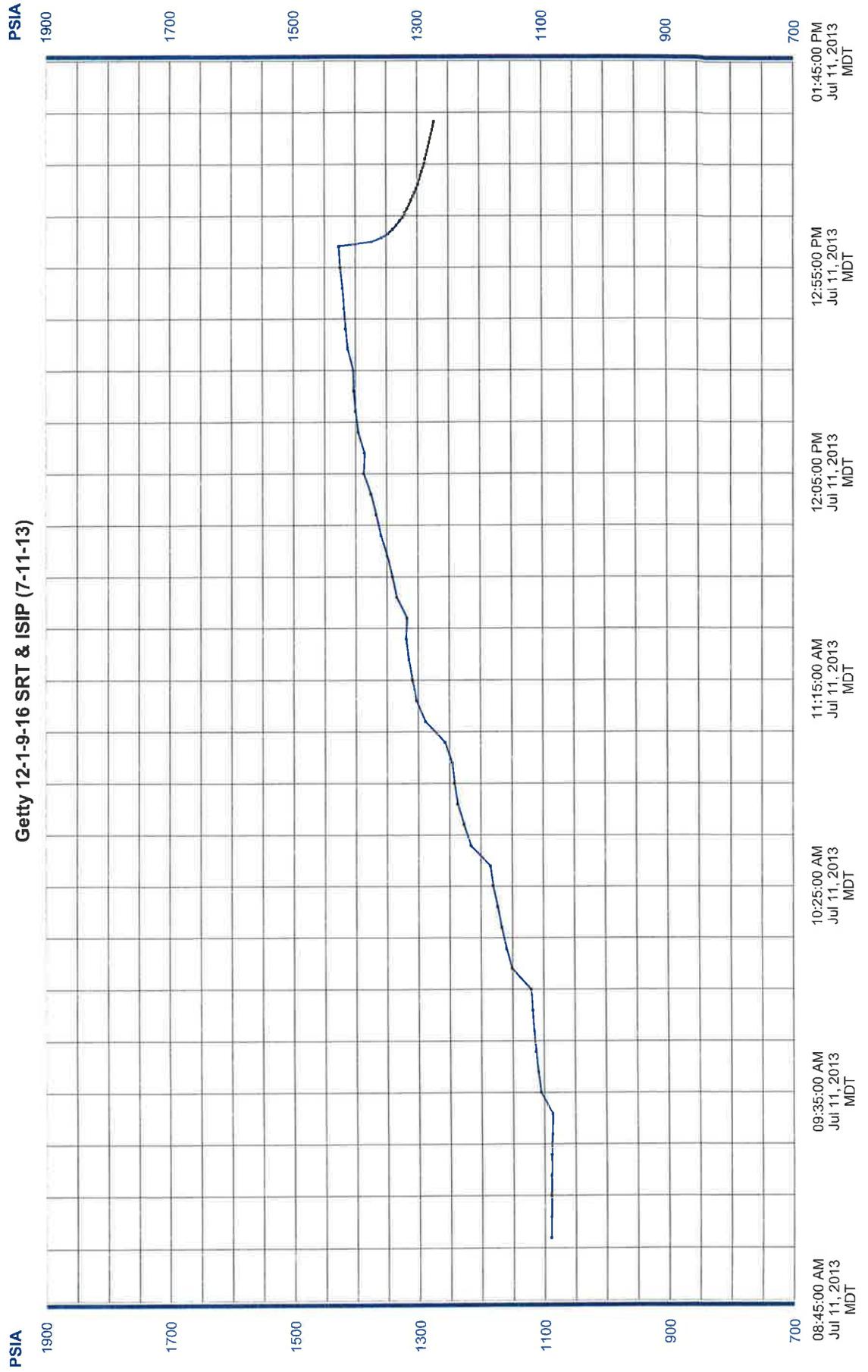
Report Name: PrTemp1000 Data Table
 Report Date: 07/15/2013 13:47:21
 File Name: C:\Program Files\PTC@ Instruments 2.03.12\
 Getty 12-1-9-16 ISIP (7-11-13).csv
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: N89296
 Device ID: PrTemp
 Data Start Date: Jul 11, 2013 01:00:10 PM MDT
 Data End Date: Jul 11, 2013 01:30:10 PM MDT
 Reading: 1 to 31 of 31
 Reading Rate: 30 Seconds
 Last Calibration Date: Sep 18, 2012
 Next Calibration Date: Sep 18, 2013
 Next Calibration Date: Sep 18, 2013

Getty 12-1-9-16 ISIP (7-11-13)

Unit Type (All Units)

Reading	DateTime (MDT)	Channel 2 PSIA
1	Jul 11, 2013 01:00:10 PM	1426.8
2	Jul 11, 2013 01:01:12 PM	1374
3	Jul 11, 2013 01:02:09 PM	1357.8
4	Jul 11, 2013 01:03:10 PM	1347.2
5	Jul 11, 2013 01:04:10 PM	1339.6
6	Jul 11, 2013 01:05:09 PM	1333.4
7	Jul 11, 2013 01:06:10 PM	1328.2
8	Jul 11, 2013 01:07:10 PM	1323.4
9	Jul 11, 2013 01:08:10 PM	1319.6
10	Jul 11, 2013 01:09:09 PM	1315.8
11	Jul 11, 2013 01:10:10 PM	1312.4
12	Jul 11, 2013 01:11:10 PM	1309.4
13	Jul 11, 2013 01:12:09 PM	1306.6
14	Jul 11, 2013 01:13:10 PM	1303.8
15	Jul 11, 2013 01:14:10 PM	1301.4
16	Jul 11, 2013 01:15:09 PM	1298.6
17	Jul 11, 2013 01:16:10 PM	1296.4
18	Jul 11, 2013 01:17:10 PM	1294.4
19	Jul 11, 2013 01:18:09 PM	1292.2
20	Jul 11, 2013 01:19:10 PM	1290.2
21	Jul 11, 2013 01:20:10 PM	1288.4
22	Jul 11, 2013 01:21:09 PM	1286.6
23	Jul 11, 2013 01:22:09 PM	1284.8
24	Jul 11, 2013 01:23:10 PM	1283.2
25	Jul 11, 2013 01:24:10 PM	1281.2
26	Jul 11, 2013 01:25:09 PM	1279.8
27	Jul 11, 2013 01:26:10 PM	1278.6
28	Jul 11, 2013 01:27:10 PM	1276.8
29	Jul 11, 2013 01:28:09 PM	1275.4
30	Jul 11, 2013 01:29:10 PM	1273.8
31	Jul 11, 2013 01:30:10 PM	1272.4

End of Report



Getty 12-1-9-16

Spud Date: 1/30/84
 Put on Production: 3/13/84
 GL: 5412' KB: 5425'

Initial Production: 60 BOPD, 106 MCFD, 3 BWPD

Injection Wellbore Diagram

SURFACE CASING

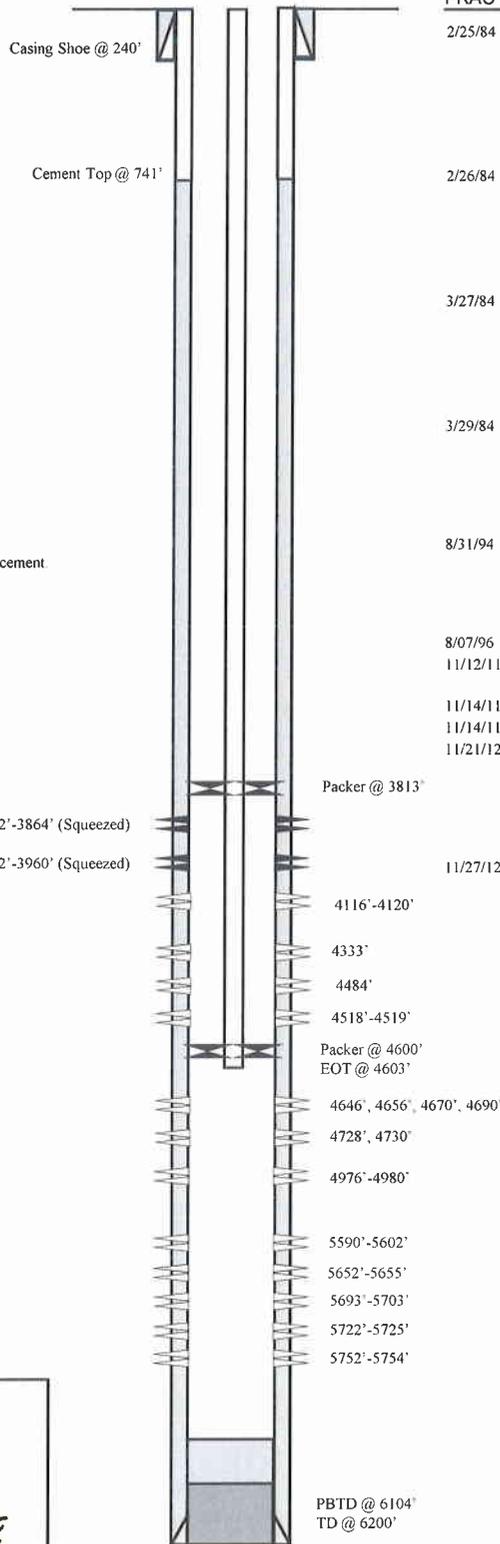
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 jts. (227')
 DEPTH LANDED: 240'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 175 sxs Class "H" cmt, circulate to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 151 jts (6160')
 DEPTH LANDED: 6173'
 HOLE SIZE: 8 3/4"
 CEMENT DATA: 760 sxs 65/35 POZ & 555 sxs Class "H" cement
 CEMENT TOP AT: 741' per CBL

TUBING

SIZE/GRADE/WT : 2-7/8" / J-55 / 6.5#
 TUBING 1 jt (33 0')
 TUBING PUP: 1 jt (18 2')
 NO OF JOINTS 120 jts (3743 6')
 CE @ 3812 79'
 TUBING 25 jts (784 0')
 XO 2-3/8" (0.5) AT 4600 5'
 SEATING NIPPLE 2-3/8" (1 10')
 SN LANDED AT 4601 0' KB
 XO: 2-3/8" (0.5) AT 4602 1'
 WRP CE @ 4600'
 TOTAL STRING LENGTH: EOT @ 4603' KB



FRAC JOB

2/25/84	5693'-5754'	Frac zone as follows: 60,000# 20/40 sand + 20,000# 12/20 sand in 642 bbls Apollo fluid. Treated @ avg press of 2800 psi w/avg rate of 27 BPM ISIP 1200 psi. Calc flush: 5693 gal Actual flush: 2058 gal. Screened out w/ 13,000# sand in casing.
2/26/84	3852'-4730'	Frac zone as follows: 60,000# 20/40 sand + 20,000# 10/20 sand in 717 bbls Apollo fluid. Treated @ avg press of 3400 psi w/avg rate of 30 BPM ISIP 1400 psi. Calc flush: 3852 gal. Actual flush: 3864 gal.
3/27/84	5590'-5602'	Frac zone as follows: 50,000# 20/40 sand in 476 bbls Apollo fluid. Treated @ avg press of 4600 psi w/avg rate of 20 BPM ISIP 1500 psi. Calc flush: 1401 gal. Actual flush: 1386 gal.
3/29/84	4399'-4410'	Frac zone as follows: 50,000# 20/40 sand in 476 bbls Apollo fluid. Treated @ avg press of 4300 psi w/avg rate of 21 BPM ISIP 1750 psi. Calc flush 1114 gal. Actual flush: 1113 gal.
8/31/94	4976'-4980'	Frac zone as follows: 13,560# 16/30 sand in 123 bbls Viking I-35 fluid. Treated @ avg press of 4500 psi w/avg rate of 8.1 BPM ISIP 1740 psi. Calc flush 950 gal. Actual flush: 924 gal. Pump change. Update rod and tubing details.
8/07/96		Conversion - Pump 70 bbls of pkr fluid and 24 bbls of Anguard
11/12/11	Anguard	Convert well to injection
11/14/11		Conversion MIT Finalized - updated tbg detail
11/14/11		Anguard down the csg and circulate up the tbg - Halliburton pumped 40 bbls packer fluid and then 30 bbls of Anguard - bled well off - jayed back onto packer - Halliburton squeezed about 1 bbl of Anguard into the hole
11/21/12	Anguard	Workover MIT Finalized - update tbg detail

PERFORATION RECORD

2/25/84	5652', 5654', 5655', 5693', 5698', 5700', 5703', 5722', 5725', 5752', 5754'	1 JSPF
2/26/84	Squeeze - 3852', 3858', 3860', 3862', 3864', 3942', 3946', 3952', 3956', 3960'	
2/26/84	4116', 4118', 4120', 4333', 4393', 4396', 4398', 4400', 4402', 4405', 4408', 4484', 4518', 4519', 4646', 4656', 4670', 4690', 4728', 4730'	1 JSPF
3/27/84	5590'-5602'	4 JSPF 48 holes
3/30/84	4399'-4410'	3 JSPF 30 holes
8/31/94	4976'-4980'	4 JSPF 16 holes

NEWFIELD


Getty 12-1-9-16
 501' FNL & 2012' FEL
 NWNE Section 12-T9S-R10E 16E
 Duchesne Co, Utah
 API #43-013-30889; Lease #UTU-44426

PBTD @ 6104'
 TD @ 6200'

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
		5. LEASE DESIGNATION AND SERIAL NUMBER: U-44426	
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)	
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: GETTY 12-1	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013308890000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	
		PHONE NUMBER: 435 646-4825 Ext	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0501 FNL 2012 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 12 Township: 09.0S Range: 16.0E Meridian: S		COUNTY: DUCHESNE	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/19/2015			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			
	<input checked="" type="checkbox"/> OTHER		OTHER: <input style="width: 50px;" type="text" value="1 YR MIT"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
<p>On 02/18/2015 Richard Powell with the State of Utah DOGM was contacted concerning the 1 Year MIT on the above listed well. On 02/19/2015 the casing was pressured up to 1111 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1320 psig during the test. There was a State representative available to witness the test - Richard Powell.</p>			
<p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 23, 2015</p>			
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician	
SIGNATURE N/A		DATE 2/24/2015	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: Richard Powell Date: 2/19/2015 Time: 10:00 (A.M.) P.M.

Test Conducted by: Everett Unruh

Others Present: _____

Well: <u>Getty 12-1-9-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>NWNE Sec 12 T9S R16E Duchesne County, UT</u>	API No: <u>43-013-30889</u>

Time	Casing Pressure
0 min	<u> </u> psig
5	<u> </u> psig
10	<u> </u> psig
15	<u> </u> psig
20	<u> </u> psig
25	<u> </u> psig
30 min	<u> </u> psig
35	<u> </u> psig
40	<u> </u> psig
45	<u> </u> psig
50	<u> </u> psig
55	<u> </u> psig
60 min	<u> </u> psig

Tubing Pressure: 1320 psig

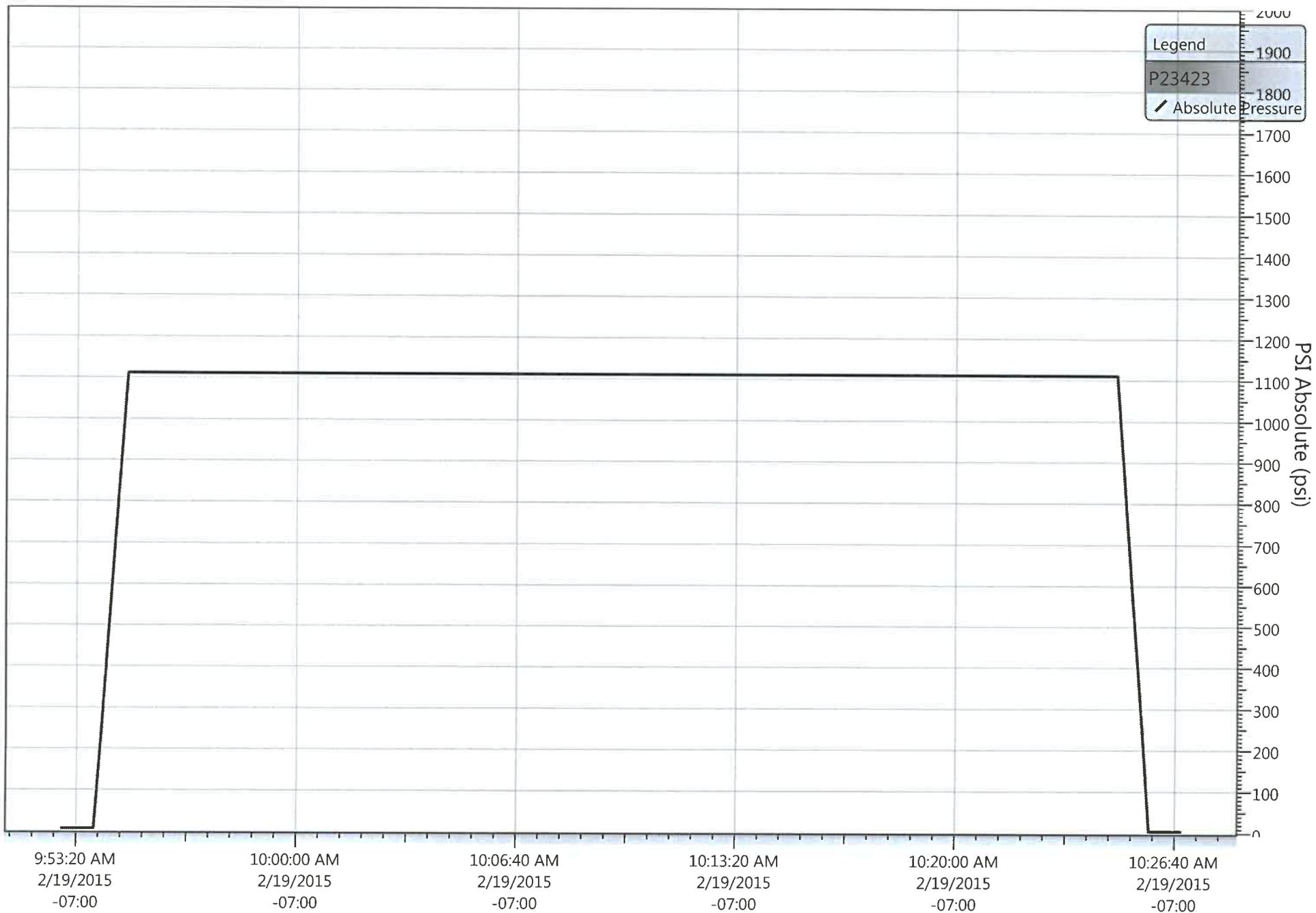
Result: Pass Fail

Signature of Witness: 

Signature of Person Conducting Test: 

Getty 12-1-9-16 (2/19/2015, 5 yr. MIT)

2/19/2015 9:51:54 AM



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
		5. LEASE DESIGNATION AND SERIAL NUMBER: U-44426	
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)	
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: GETTY 12-1	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013308890000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0501 FNL 2012 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 12 Township: 09.0S Range: 16.0E Meridian: S		COUNTY: DUCHESNE	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/21/2016 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 50px;" type="text" value="1 YR MIT"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
<p>On 01/18/2016 Amy Doebele with the State of Utah DOGM was contacted concerning the 1 Year MIT on the above listed well. On 01/21/2016 the casing was pressured up to 1021 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 688 psig during the test. There was a State representative available to witness the test - Amy Doebele.</p>			<p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 22, 2016</p>
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician	
SIGNATURE N/A		DATE 1/22/2016	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: Amy Doebele Date: 1/21/2016 Time: 11:45 (A.M.) P.M.

Test Conducted by: Everett Unruh

Others Present: _____

Well: Getty 12-1-9-16	Field: Monument Butte
Well Location: NWN Sec 12 T9S R16E Duchesne County, Utah	API No: 43-013-30889

Time	Casing Pressure
0 min	<u>1025</u> psig
5	<u>1024</u> psig
10	<u>1023</u> psig
15	<u>1022</u> psig
20	<u>1021</u> psig
25	<u>1021</u> psig <u>AD</u>
30 min	_____ psig
35	_____ psig
40	_____ psig
45	_____ psig
50	_____ psig
55	_____ psig
60 min	_____ psig

Tubing Pressure: 688 psig

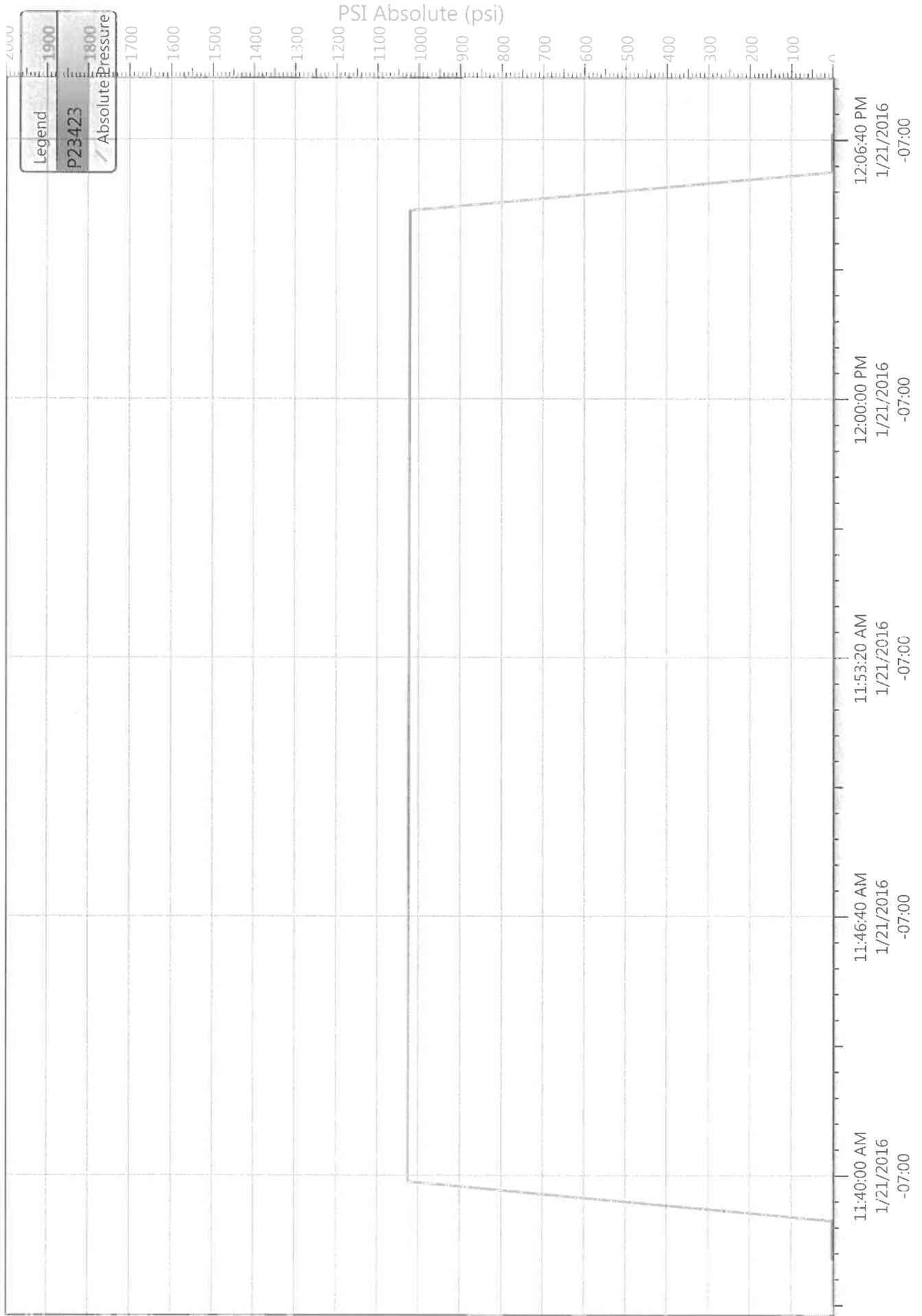
Result: Pass Fail

Signature of Witness: Amy Doebele

Signature of Person Conducting Test: Everett Unruh

Getty 12-1-9-16 (1/21/2016, 1 yr. MIT)

1/21/2016 11:37:12 AM



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: U-44426	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)	
8. WELL NAME and NUMBER: GETTY 12-1	
9. API NUMBER: 43013308890000	
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	
10. COUNTY: DUCHESNE	
10. STATE: UTAH	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/15/2016	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input style="width: 50px;" type="text" value="1 YR MIT"/>

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

On 12/12/2016 Amy Doebele with the State of Utah DOGM was contacted concerning the 1 Year MIT on the above listed well. On 12/15/2016 the casing was pressured up to 1250 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 643 psig during the test. There was not a State representative available to witness the test.

Accepted by the Utah Division of Oil, Gas and Mining

Date: January 04, 2017

By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 12/19/2016	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 12/15/16 Time 8:36 am pm

Test Conducted by: JOHANNY SLIM

Others Present: _____

Well: <u>GETTY 12-1-9-10</u>	Field: <u>GREATER MONUMENT BUTTE UNIT</u>
Well Location: <u>NW/NE SEC. 12 T9S R16E DUCHENSE, UTAH</u>	API No: <u>43-013-30889</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1250</u>	psig
5	<u>1250</u>	psig
10	<u>1252</u>	psig
15	<u>1252</u>	psig
20	<u>1252</u>	psig
25	<u>1250</u>	psig
30 min	<u>1250</u>	psig
35	<u>1250</u>	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 643 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Johnny Slim

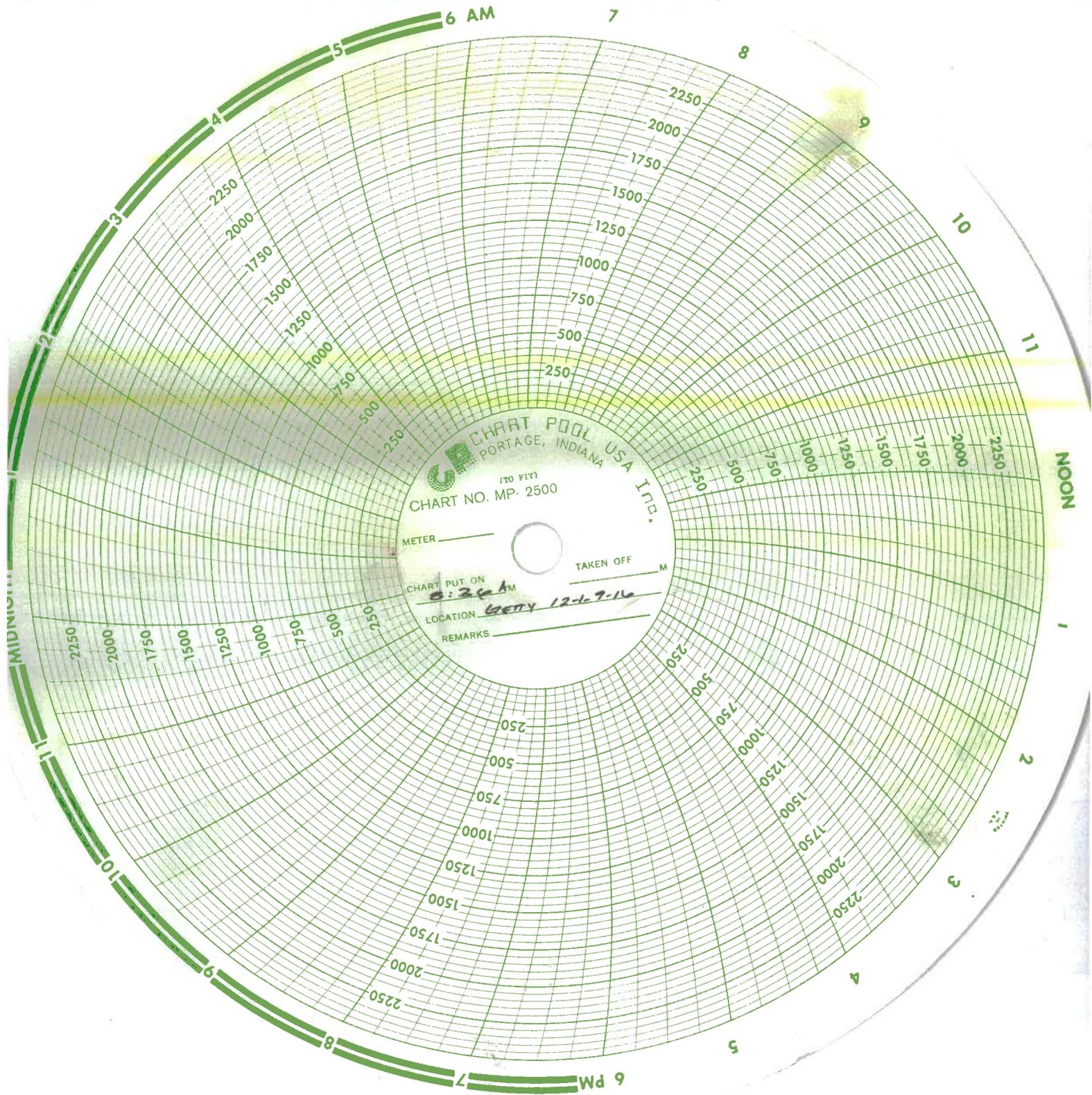


CHART POOL USA INC.
PORTAGE, INDIANA
(TO PIT)
CHART NO. MP- 2500

METER _____

CHART PUT ON 8:24 AM TAKEN OFF _____ M

LOCATION GETY 12-19-16

REMARKS _____