

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

5. Lease Designation and Serial No.

U-18126

6. If Indian, Allottee or Tribe Name

-----

7. Unit Agreement Name

Orangeville Unit Fed.

8. Farm or Lease Name

Orangeville Unit Fed.

9. Well No.

16-6

10. Field and Pool, or Wildcat

Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 6-18S-8E

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

2. Name of Operator

CHANDLER & ASSOCIATES, INC.

3. Address of Operator

1401 Denver Club Bldg., Denver, Colorado 80202

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*

At surface

507' FEL: 775' FSL (SE SE)

At proposed prod. zone

Same

14. Distance in miles and direction from nearest town or post office\*

Approx. 5.2 miles <sup>NORTHWEST</sup> southeast of Castle Dale, Utah

12. County or Parrish 13. State

Emery Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. line, if any)

507'

16. No. of acres in lease

2,230.27

17. No. of acres assigned to this well

160

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.

NA

19. Proposed depth

3400'

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

6434' Ground

22. Approx. date work will start\*

May 15, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 1/4"	8-5/8"	24#	240'	125 sx
7-7/8"	5 1/2"	15.5#	3400'	150 sx

1. Drill to TD of 3400' (Ferron)
2. Run 5 1/2" casing if commercial production is indicated.
3. If dry hole, P&A as instructed by the State of Utah.
4. Well will be drilled with compressed air, tested open hole and mudded up to run 5 1/2" casing.
5. Well control equipment will include double hydraulic system of 900 Series. A fillup line will be installed, equipment pressure tested before drilling out from under surface and equipment mechanically checked daily while drilling.

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

DATE: 5/18/82  
BY: [Signature]

24. 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.

Signed: James W. Rowland Title: Petroleum Engineer Date: May 10, 1982

(This space for Federal or State office use)

Permit No. \_\_\_\_\_ Approval Date \_\_\_\_\_

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

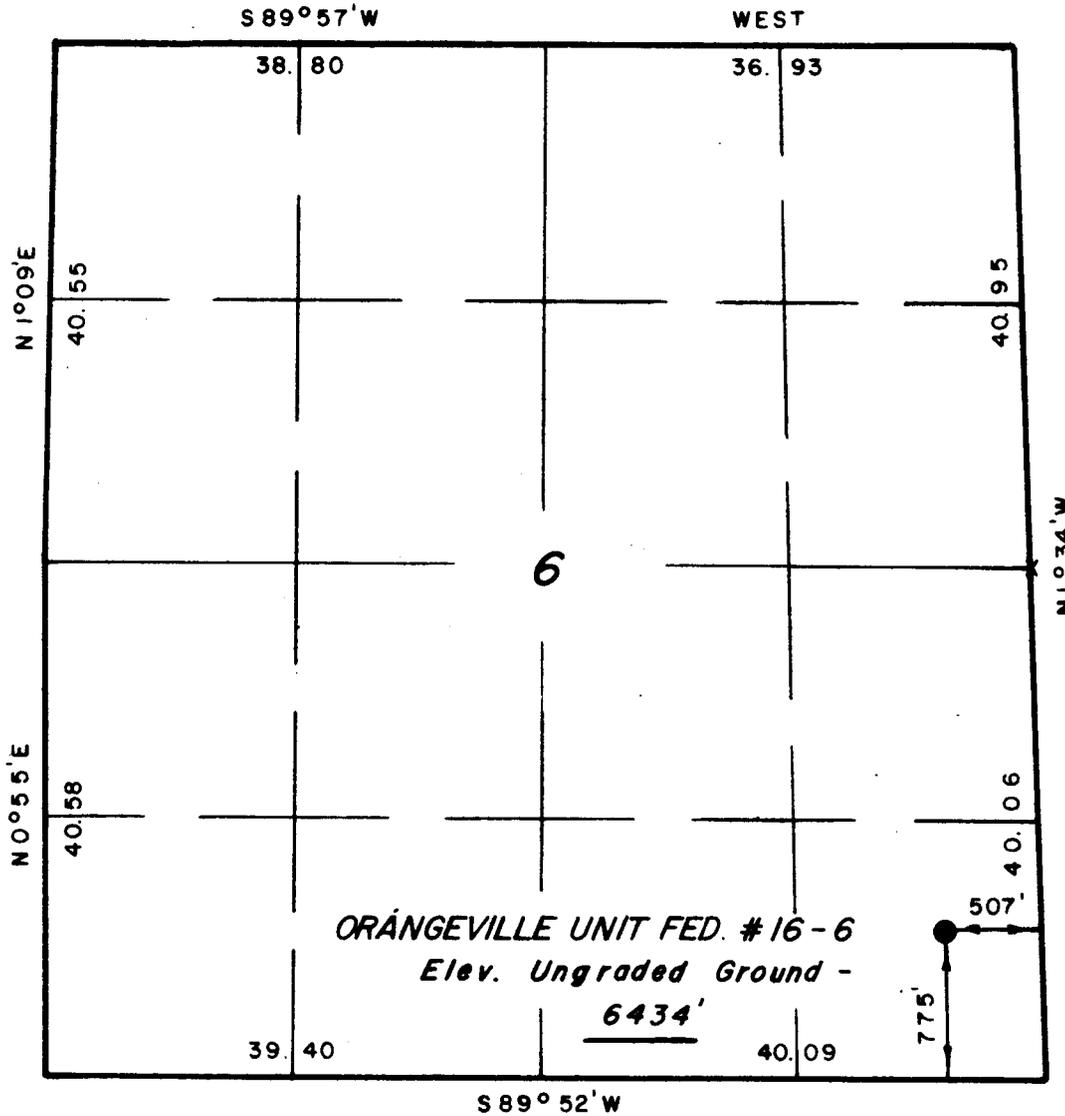
Conditions of approval, if any:

T 18 S, R 8 E, S.L.B.&M.

PROJECT

CHANDLER & ASSOC. INC.

Well location, located as shown in the SE 1/4 SE 1/4 Section 6, T18S, R8E, S.L.B.&M. Emery County, Utah.



X = Section Corners Located



CERTIFICATE

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

*Gene Fournier*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 3154  
STATE OF UTAH

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

SCALE	1" = 1000'	DATE	4/16/82
PARTY	D.A. J.K.	S.B.	REFERENCES GLO Plat
WEATHER	Warm	FILE	CHANDLER & ASSOC.



# CHANDLER & ASSOCIATES, INC.

1401 DENVER CLUB BUILDING

DENVER, COLORADO 80202

303 629-6756

OIL AND GAS EXPLORATION AND PRODUCTION

United States Geological Survey  
1745 W. 1700 S., Ste. 2000  
Salt Lake City, UT 84104

ATTN: Ed Gynn

Re: Orangeville Unit Fed. 16-6  
SE SE Sec. 6-T18S-R8E  
Emery County, Utah

Gentlemen:

Enclosed is the additional information required for permitting the above well:

1. Surface Formation: Emery Formation
2. Geological Markers:

Emery	200'
Bluegate Shale	1400'
Ferron SS	2950'
Mancos Shale	3350'
3. Producing Formation: Ferron
4. Casing Program:

Surface - 8-5/8" 24#, Grade K-55 new
Production - 5½" 15.5#, Grade K-55, new
5. Blowout Preventer:

(a) Shaffer 10" 900 double hydraulic with Payne closing unit. One set rams blind and one set for 4" drill pipe; tested upon installation and daily. (b) 10" 900 rotary head for use while air or mist drilling. Schematic diagram attached.
6. Circulating Medium: Well will be drilled with compressed air and mist if required. Mud up will occur for running casing only.
7. Auxiliary Equipment:
  - (a) Drill String Floats will be used.
  - (b) Float will be used.
  - (c) No monitoring on mud system as air will be used for drilling.
  - (d) Stabbing valve will be used for drill pipe
8. Evaluation Program: No drill stem tests will be run due to air drilling. No cores are anticipated. An IES and GR-Density will be used for logging.

8. Evaluation Program Cont.: Should this evaluation program indicate commercial quantities of hydrocarbons are in place, casing will be set and completion attempted utilizing hydraulic fracturing techniques. The size of treatment, pounds of propanant, volume and type of fluid will be determined after log and formation analysis is completed.
9. Potential Hazards: No abnormal high pressure, temperatures or hydrogen sulfide gas should be encountered. productive zone is normal in pressure and gas analysis indicate no H<sub>2</sub>S hazard.
10. Starting Date: The anticipated starting date is May 25, 1982 with operations being conducted for 10 days.

Please notify us if any additional information is necessary for the permitting of this well.

Yours truly,

CHANDLER & ASSOCIATES, INC.

  
Richard Veghte  
Petroleum Engineer

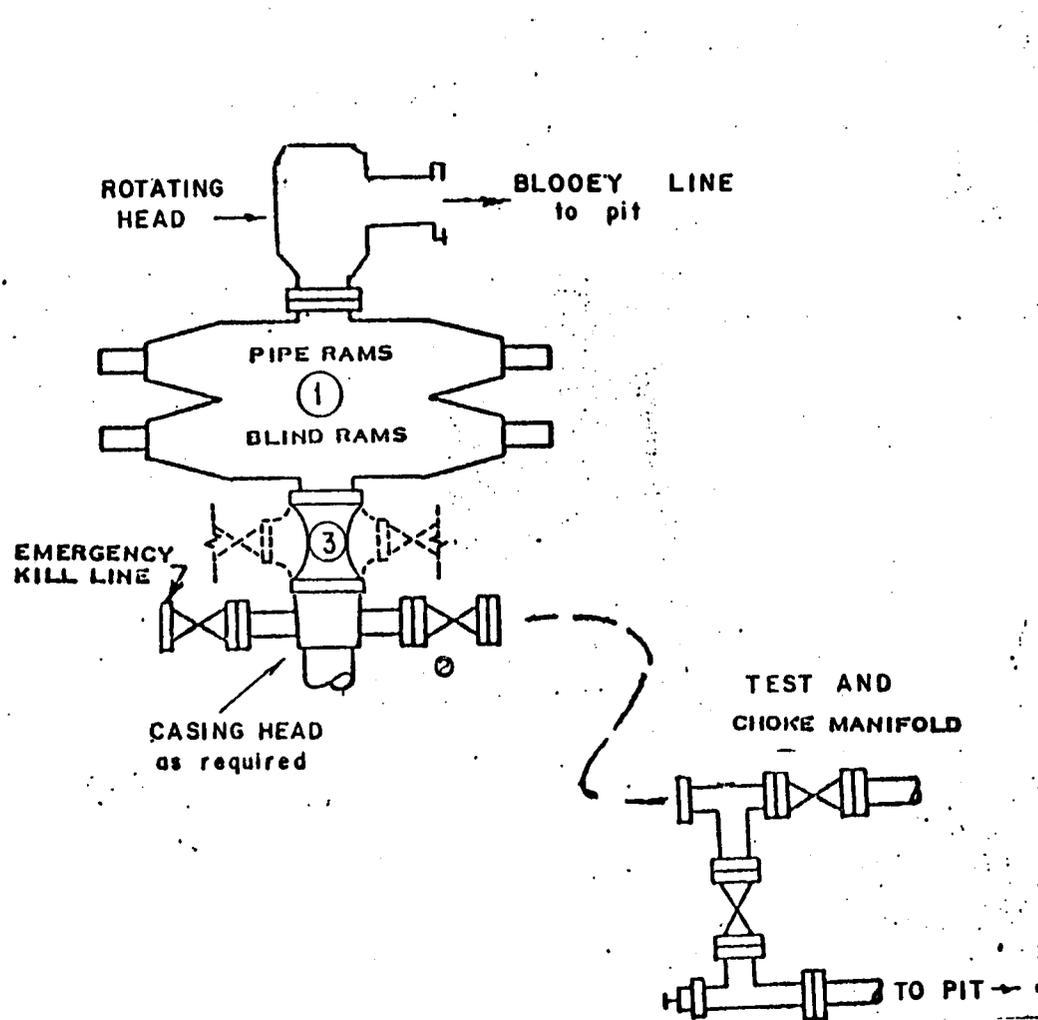
RV/fs

Attachment

# DOUBLE PREVENTER

FOR

## AIR DRILLING



- ① SERIES 900 RAM-TYPE BOP
- ② 2" SERIES 900 VALVE
- ③ SERIES 900 DRILLING SPOOL

..... OPTIONAL EQUIPMENT

CHANDLER AND ASSOCIATES, INC.

3000 PSI WORKING PRESSURE  
BLOWOUT PREVENTER HOOK-UP  
(SERIES 900 FLANGES OR BETTER)

Rev. 12/77

FIGURE NO. 4

CHANDLER & ASSOCIATES, INCORPORATED

13 Point Surface Use Plan

For

Well Location

Orangeville Unit Federal #16-6

Located In

Section 6, T18S, R8E, S.L.B. & M.

Emery County, Utah

CHANDLER & ASSOCIATES, INCORPORATED  
Orangeville Unit Federal #16-6  
Section 6, T18S, R8E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach CHANDLER & ASSOCIATES, INCORPORATED well location site Orangeville Unit Federal #16-6, located in the SE 1/4 SE 1/4 Section 6, T18S, R8E, S.L.B. & M. Emery County, Utah:

Proceed Northwesterly out of Castle Dale, Utah on the Danish Bench Road 5 miles to its junction with the proposed access road (to be discussed in Item #2).

The dirt road described above is an improve dirt road which was constructed out of the materials accumulated during its construction.

The roads are required for access during the drilling phase, completion phase, and production phase of this well will be maintained to insure proper travel both entering and leaving the area. This may require some minor grader work, for smoothing of the road bed and for snow removal.

There will be no culverts required along the existing roads described above.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed road leaves the existing improved dirt road in the SE 1/4 SE 1/4 Section 6, T18S, R8E, S.L.B. & M., and proceeds in a Northwesterly direction  $\pm$  0.2 miles to the proposed location site in the SE 1/4 SE 1/4 Section 6, T18S, R8E, S.L.B. & M.

The proposed jeep trail (to be upgraded will be an 18' crown road (9' either side of the centerline) with a drain ditch on the uphill side of the road which will handle any run-off from normal meteorological conditions that are prevalent to the area.

The grade along this road is relatively level with very few really rough spots. The maximum grade along this road will not exceed 8%.

CHANDLER & ASSOCIATES, INCORPORATED  
Orangeville Unit Federal #16-6  
Section 6, T18S, R8E, S.L.B. & M.

There is no drainage encountered along this access road. There will be no culverts required.

If deemed necessary at the time of the onsite inspection turnouts will be constructed for safety purposes. These turnouts will be constructed according to the specifications found on page 25 of the Oil and Gas Surface Operating Standards Manual prepared by the B.L.M. and U.S.G.S.

There are no fences encountered along this proposed road. There will be no new gates or cattleguards required.

### 3. EXISTING WELLS

See Topographic Map "B".

There are no known producing wells, water wells, abandoned wells, temporarily abandoned wells, disposal wells, drilling wells, shut-in wells, injection wells, monitoring or observation wells for other resources located within in a one-mile radius of this location site.

### 4. LOCATION OF EXISTING AND PROPOSED FACILITIES

At the present time there are no other CHANDLER & ASSOCIATES, INCORPORATED production facilities, and gas gathering lines, tank batteries, oil gathering lines, injection lines or disposal lines within a one-mile radius. All existing facilities in the area are owned and operated by other companies.

In the event that production of this well is established, it will be contained within the location site until further plans can submitted to the authorities for transporting of the produced materials.

The area used to contain the proposed production facilities will be built using native materials. If these materials are not acceptable then other arrangements will be made to acquire them from private sources. These facilities will be constructed using bulldozers, graders, and workman crews to construct and place the proposed facilities.

Rehabilitation of disturbed areas no longer needed for operations after construction is completed will meet the requirements of Item #10.

### 5. LOCATION AND TYPE OF WATER SUPPLY

Water to be used for the drilling of this well will be hauled by truck over the roads described in Items #1 and #2 from Cottonwood Creek which is approximately 5 miles Southeast of the proposed location.

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

CHANDLER & ASSOCIATES, INCORPORATED  
Orangeville Unit Federal #16-6  
Section 6, T18S, R8E, S.L.B. & M.

#### 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 additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

All surface disturbance area is on B.L.M. lands.

#### 7. METHODS OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will be approximately 8' and at least one half of this depth shall be below the surface of the existing ground.

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.

As stated in the aforementioned, non-flammable materials such as cuttings, salts, and drilling fluids, will be contained in the reserve pits.

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.

All produced water, if any will be disposed of according to NTL-2B requirements.

All garbage and other waste material will be contained in a trash basket made of small mesh wire and will be taken to the nearest sanitary landfill for disposal upon completion of the well.

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 and road.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are 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). When all drilling and production activities have been completed, the location site and access road will be reshaped to the 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 pits shall be buried with a minimum of 4' of cover.

As mentioned in Item #7, the reserve pits will be completely fenced with wire and overhead flagging installed if there is oil in the pits, and then allowed to dry completely before covering. All items mentioned above will be completed within 90 days after commencement of restoration procedures.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further 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, and the Oil and Gas Surface Operating Standards Manual.

11. OTHER INFORMATION

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

The area slopes from the Manti - Lasal Forest to the West to the Castle Valley to the East. The area is interlaced with numerous canyons ridges which are extremely steep with numerous ledges formed in sandstone, conglomerates, and shale deposits.

The soils in this semi-arid area of the Williams Fork Formation (Upper Cretaceous) and Wasatch Formation (Eocene) consist of light brownish-gray clays (OL) to sandy soil (SM-ML) type with poorly graded gravels.

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

The topsoils in the area range from a sandy clay (SM-ML) type soil 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 are common of the semi-arid regions and consists of juniper and pinion forest as the primary flora with areas of sagebrush, rabbitbrush, greasewood, some grasses and cacti.

The fauna of the areas is sparse and consists predominantly of the mule deer, coyotes, bears, rabbits, and varieties of small ground squirrels and other types of rodents.

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

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

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

Orangeville Unit Federal #16-6 is located on a relatively flat area known as Danish Bench approximately 3 miles North of Orangeville.

The ground slopes through this location site at approximately a 3.0% grade towards the Northwest.

The majority of the drainages in the area around this location are non-perennial and run in a Southerly direction into Cottonwood Creek.

The geologic structure of the area immediately surrounding the location site is of the Williams Fork Formation and consists of light brown sandy clay soil with some sandstone outcrops.

The vegetation in the immediate area surrounding the location site is predominantly sagebrush and grasses.

CHANDLER & ASSOCIATES, INCORPORATED  
Orangeville Unit Federal #16-6  
Section 6, T18S, R8E, S.L.B. & M.

All lands disturbed by this location site and road are under B.L.M. jurisdiction.

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

There are no visible archaeological, historical or cultural sites within any reasonable proximity of the proposed location site. It will be determined by an archaeologist whether there are any archaeological findings in the area. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Richard Veghte  
Vice President and Engineer  
1401 Denver Club Building  
Denver, CO 80202

1-303-222-7911

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 CHANDLER & ASSOCIATES and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

May 13, 1982  
Date

Richard Veghte  
Richard Veghte

CHANDLER & ASSOCIATES, INC

SEC. 6, T18S, R8E, S.41M.

TOPO. MAP 'A'



SCALE 1" = 1/4 MI.



**PROPOSED  
LOCATION**

RR  
89  
E

PAI FORES

MADEIRA PEAK

SAN PETE CO

SEVEN CO

0783

FILE NELSON MOUNTAIN

Molen

SIDS MOUNTAIN

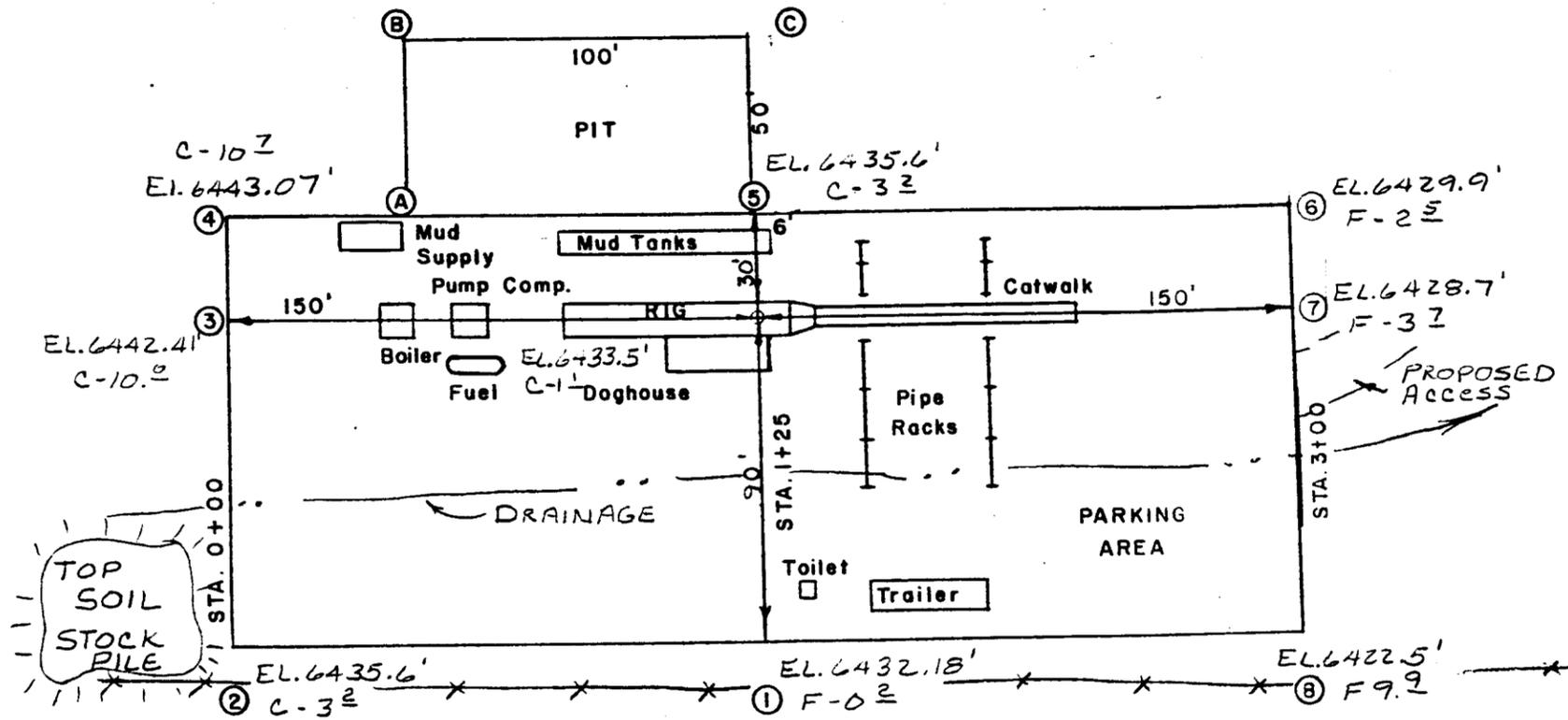
8100

8570

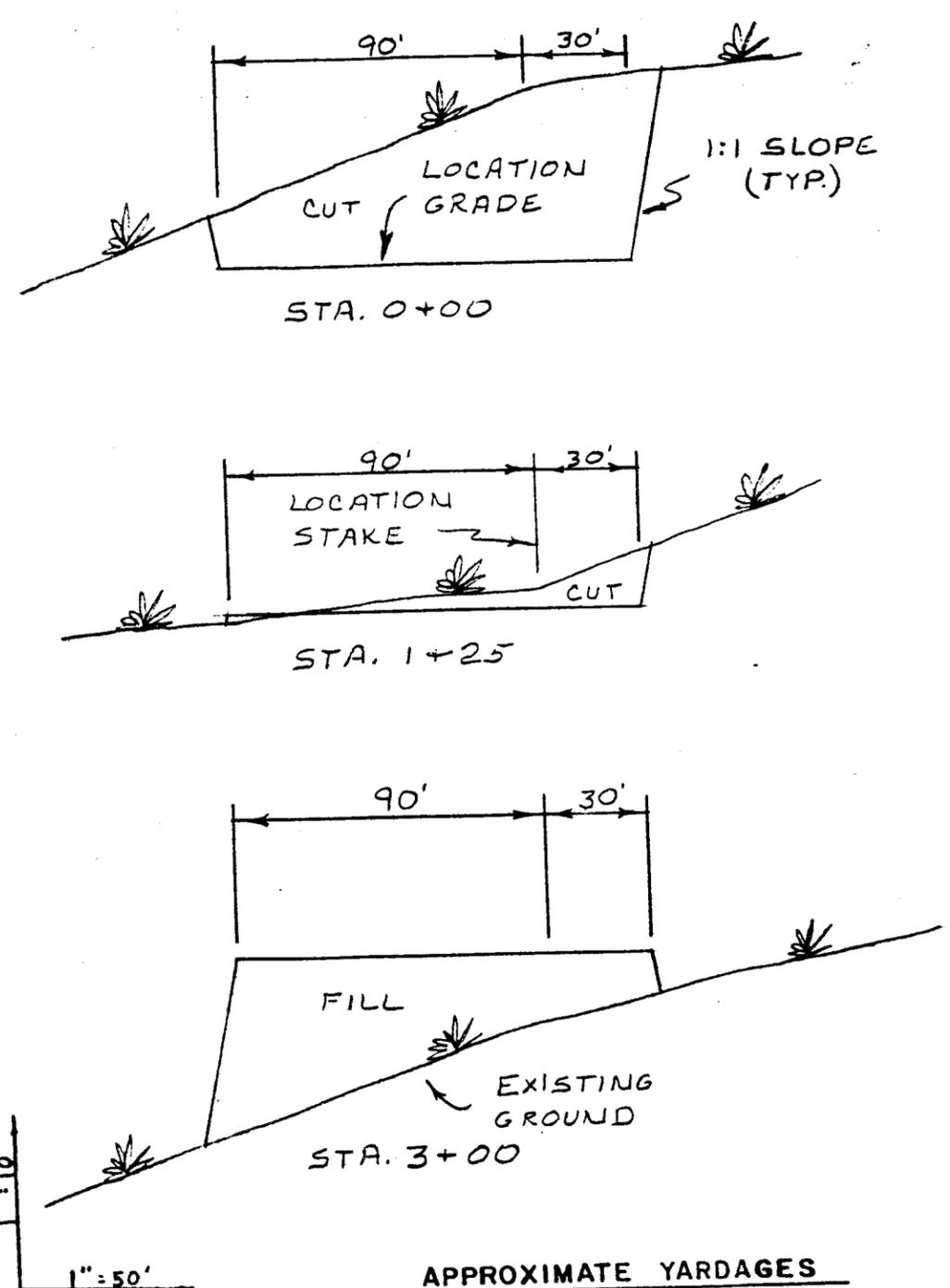
YOUNG M

# CHANDLER & ASSOCIATES, INC.

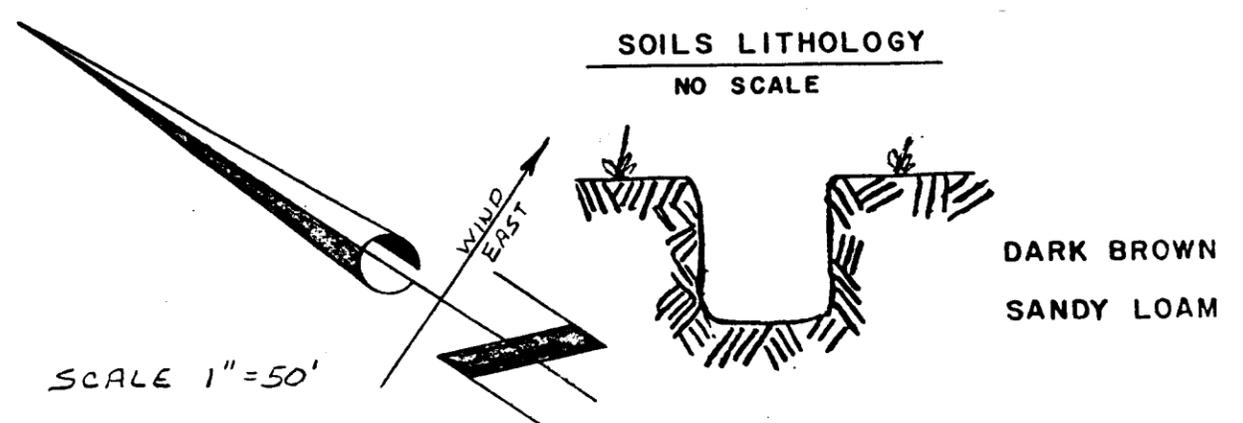
SE 1/4 SE 1/4 SEC. 6, T18S, R 8E, SLM.  
ORANGEVILLE UNIT FED. #16-6



CROSS SECTIONS



APPROXIMATE YARDAGES  
CUT 2,858 Cu. YDS.  
FILL 2,475 Cu. YDS.

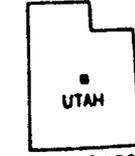


CHANDLER & ASSOCIATES, INC.  
SEC. 6, T18S, R8E, S.1.M.

TOPO.  MAP 'B'

SCALE 1" = 5000'  
ROAD CLASSIFICATION

Medium-duty \_\_\_\_\_ Light-duty \_\_\_\_\_  
Unimproved dirt - - - - -



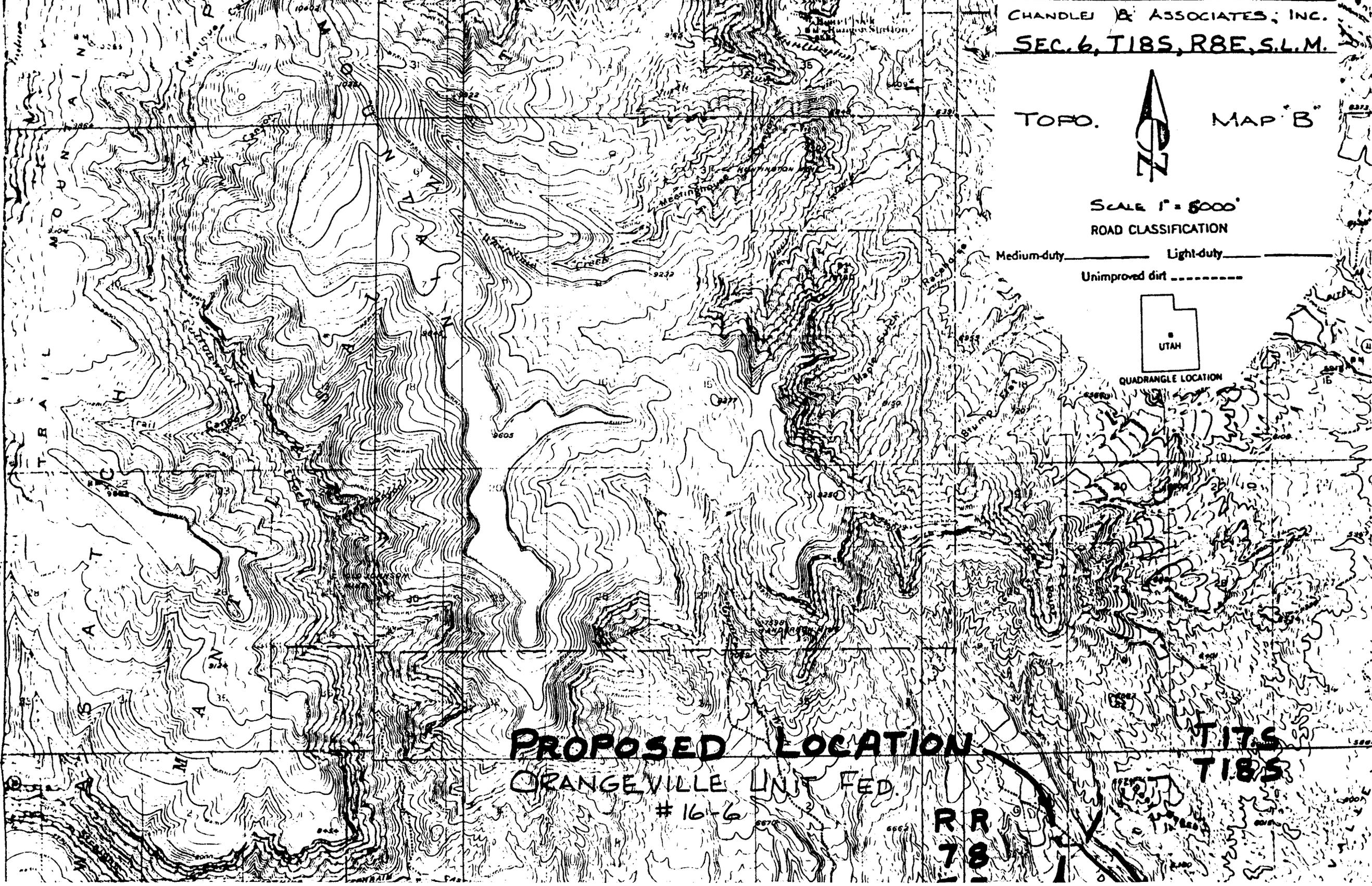
QUADRANGLE LOCATION

**PROPOSED LOCATION**

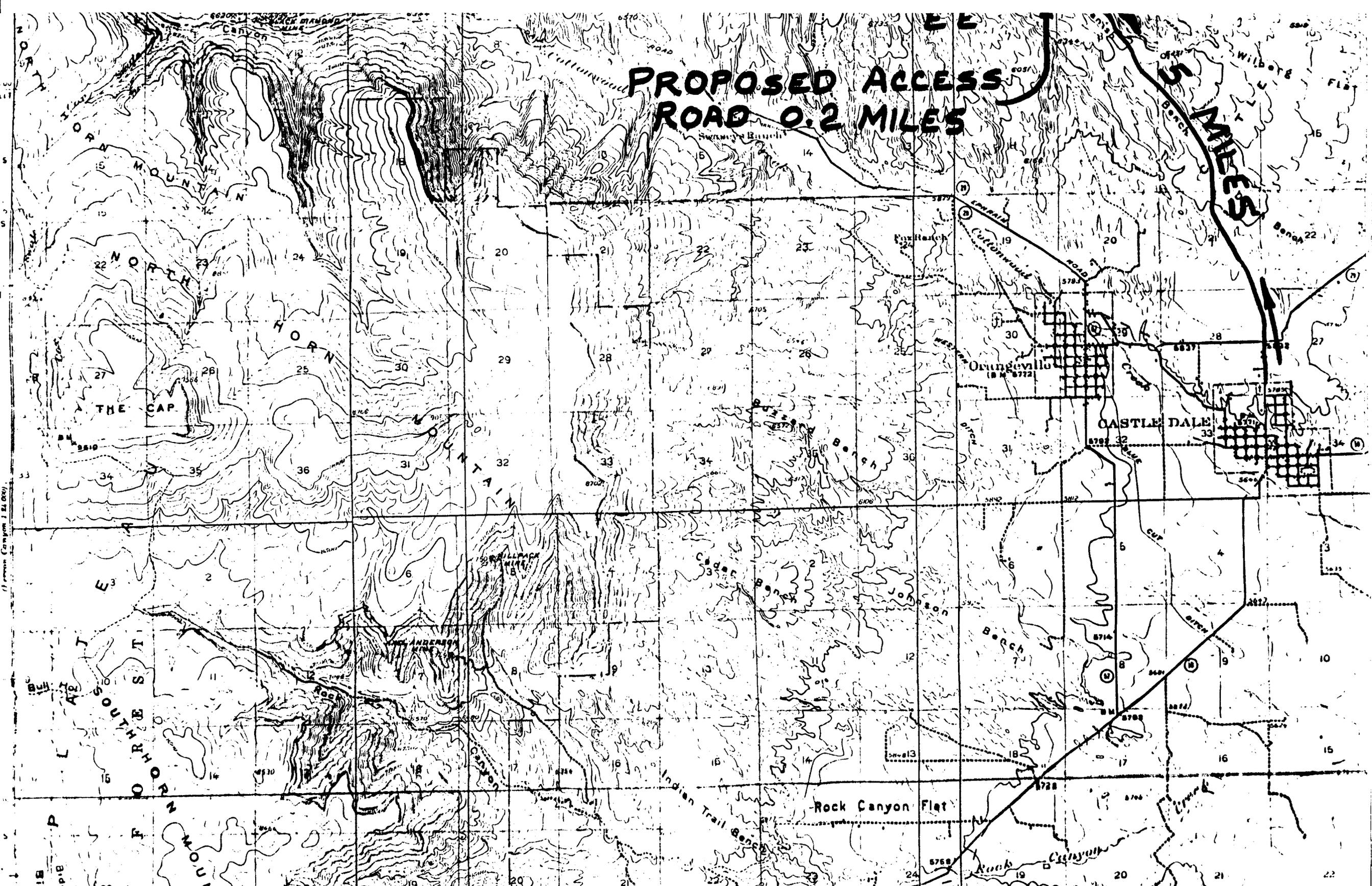
ORANGEVILLE UNIT FED.  
# 16-6

RR  
78

T17S  
T18S



# PROPOSED ACCESS ROAD 0.2 MILES





**CHANDLER & ASSOCIATES, INC.**

1401 DENVER CLUB BUILDING

DENVER, COLORADO 80202

303 629-6756

OIL AND GAS EXPLORATION AND PRODUCTION

May 13, 1982

Utah Oil & Gas Conservation Commission  
Division of Oil, Gas & Mining  
4241 State Office Bldg.  
Salt Lake City, UT 84114  
ATTN: Debbie Beauregard

RE: Orangeville Unit Fed 16-6  
SE SE Sec. 6-T18S-R8E  
Emery County, Utah

Dear Debbie;

Per our conversation of May 13, 1982 enclosed please find the NTL-6,  
10 Point Plan and BOP Schematic.

Thank you for letting me know that a full packet of information is  
required by Utah for wells drilled on Federal Lands. If you have  
any further questions, please feel free to call.

Sincerely yours,

Marty L. Skagen

MLS

RECEIVED  
MAY 14 1982

DIVISION OF  
OIL, GAS & MINING



# United States Department of the Interior

MINERALS MANAGEMENT  
SERVICE  
OIL & GAS OPERATIONS  
BUREAU OF LAND MANAGEMENT  
RECEIVED  
Moab District  
San Rafael Resource Area  
P. O. Drawer 17007  
SALT LAKE CITY, UTAH 84117  
PHONE 84501

IN REPLY REFER TO

3100  
U-18126  
(U-067)

May 17, 1982

## Memorandum

To: Minerals Management Service, District Engineer, SLC, Utah

From: Area Manager, San Rafael

Subject: Additional Surface Management Requirements for APD's -  
Chandler & Associates, Inc., Well No. 16-6  
T. 18 S., R. 8 E., Section 6

We would like to have the following stipulations made part of the approved permit to drill.

1. The BLM, San Rafael Resource Area will be notified 48 hours before beginning any construction (phone: 801-637-4584; 748-2249 after hours).
2. Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS/USFS oil and gas brochure entitled "Surface Operating Standards for Oil and Gas Exploration and Development". This includes but is not limited to such items as road construction and maintenance, handling of topsoil, rehabilitation, etc.
- ✓ 3. All trees and brush on well site location shall be stockpiled, and spread back over drill sites after drilling has been completed.
- ✓ 4. Topsoil will be removed to a depth of 6 inches (approximately 3,000 cu. yds.) and shall be stockpiled. When drilling is completed, land will be returned to original contour before topsoil is respread.
- ✓ 5. The drainage through the drill site may be filled during construction of the drill pad and drilling operation. After drilling is complete, this drainage shall be cleaned out completely and all production equipment shall be installed on <sup>northeast</sup> north side of drainage.
6. Seeding shall take place from October 1 to May 1. Seeding shall be by drilling and harrowing and shall be repeated until vegetation is successfully established unless otherwise approved in writing by the Authorized Officer. The following seed mixture shall be used:

<u>Grass</u>	<u>Rate</u>
Intermediate wheatgrass	3 lbs. per acre
Crested wheatgrass	3 lbs. per acre
Western wheatgrass	3 lbs. per acre
Nomad alfalfa	3 lbs. per acre

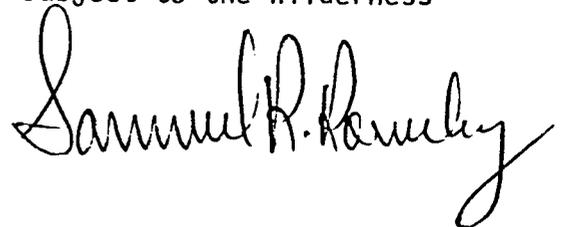
7. The access road shall be single lane not to exceed 24 feet (disturbed area) with 16 feet travel surface. Topsoil will be removed to a depth of 6 inches and shall be windrowed along side of proposed road and later used to rehabilitate roadway. During this drilling operation, operator will not block or hinder travel on the County road or access road to Forest Service landfill.
8. Access to the well site will be from County road then along Forest Service landfill road. This road shall be maintained to the same standard as it is now. Any damage to the entrance gate, culverts, or road base shall be repaired or replaced. The operator may put his own lock on the entrance gate. This is to be interlocked with Forest Service lock. This gate will be locked at all times, except when rig is being moved on and off site.
9. All vehicle travel will be confined to existing roads. Offroad travel is prohibited.
10. Trash will be contained in a wire cage or drum and hauled to an approved dump site. Burn pit will not be allowed.
11. A chemical toilet shall be provided at the drill site. Pit toilets will not be allowed.
12. Access roads to well site shall be rehabilitated as shown in the Surface Use Standards and as required by the surface management agency's Authorized Officer.
13. If well goes to production, the Holder shall submit a proposed operation and maintenance plan for the permanent road after consultation with the BLM Authorized Officer for applicable road standards.

An archaeological evaluation was done by Gordon and Kranzush, Inc. for Chandler and Associates, Inc. We have not received the report as yet but the archaeologist verbally advised us that no cultural resources were observed or recorded in the field and no National Register status sites will be affected by the drilling program. The cultural clearance is granted with the following stipulations:

1. All vehicular traffic, personnel movement, and construction be confined to the locations examined and to access roads leading into these locations.
2. All personnel refrain from collecting individual artifacts or from disturbing any cultural resources in the area.
3. Should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the construction area, the BLM will be notified immediately.

No threatened or endangered plant or animal species are known to inhabit the area.

No public land near the proposed drilling area is subject to the Wilderness Interim Management guidelines.



\*\* FILE NOTATIONS \*\*

DATE: MAY 17, 1982

OPERATOR: CHANDLER & ASSOCIATES

WELL NO: CRANFORDVILLE UNIT F&D #116-10

Location: Sec. 6 T. 18S R. 8E County: EMERY

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-015-30108

CHECKED BY:

Petroleum Engineer: JK

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

Administrative Aide: UNIT WELL

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

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

O.K. Rule C-3

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

Lease Designation F&D

Plotted on Map

Approval Letter Written

Hot Line

P.I.

May 18, 1982

Chandler & Associates, Inc.  
1401 Denver Club Bldg.  
Denver, Colorado 80202

RE: Well No. Oragenville Unit Fed. 1606  
Sec. 6, T18S, R8E  
Emery County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

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

Cleon B. Feight  
Office: 533-5771  
Home: 466-4455

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 43-015-30108.

Sincerely,

DIVISION OF OIL, GAS AND MINING



Ronald J. Firth  
Chief Petroleum Engineer

RJF:sc  
Enclosure  
cc: Minerals Management Service

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: CHANDLER AND ASSOCIATES

WELL NAME: Orangeville Unit Federal 16-6

SECTION SESE 6 TOWNSHIP 18 S RANGE 8 E COUNTY Emery

DRILLING CONTRACTOR Chandler Drilling Co.

RIG # 7

SPUDDED: DATE 5-23-82

TIME 11:30 AM

HOW Rotary

DRILLING WILL COMMENCE \_\_\_\_\_

REPORTED BY Rita

TELEPHONE # 303-629-6756

DATE May 24, 1982

SIGNED AS

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.  
U-18126

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
-----

7. UNIT AGREEMENT NAME  
Orangeville Unit Fed.

8. FARM OR LEASE NAME  
Orangeville Unit Fed.

9. WELL NO.  
16-6

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 6-T18S-R8E

12. COUNTY OR PARISH 13. STATE  
Emery Utah

1a. TYPE OF WORK  
DRILL  SALT DEEPEN  PLUG BACK

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

2. NAME OF OPERATOR  
Chandler & Associates, Inc.

3. ADDRESS OF OPERATOR  
1401 Denver Club Building Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface  
507' FFL: 775 FSL SESE  
At proposed prod. zone  
SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
5.2 Miles of Castle Dale, UT

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
507'

16. NO. OF ACRES IN LEASE  
2,230.27

17. NO. OF ACRES ASSIGNED TO THIS WELL  
160

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

19. PROPOSED DEPTH  
3400'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, (GR) etc.)  
6434' (ground)

22. APPROX. DATE WORK WILL START\*  
May 20, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8"	24.0	240	125 SX.
7 7/8	5 - 1/2"	15.5	3400	150 SX.

1. Drill to TD of 3400' (Ferron Test)
2. Run 5 - 1/2" casing if commercial production is indicated
3. If dry hole, plug and abandon as instructed by the U.S.G.S.
4. Well will be drilled with compressed air, test open hole and mud up to run 5-1/2" casing.
5. Well control equipment will include double hydraulic system of 900 series. A fillup line will be installed, equipment pressure tested before drilling out from under surface and equipment mechanically checked daily while drilling.

NAME OF WELL: Orangeville Unit Fed. 16-6

MINERALS MANAGEMENT SERVICE  
 OIL & GAS OPERATIONS  
 RECEIVED  
 APR 28 1982  
 SALT LAKE CITY, UTAH

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 Richard Veghte TITLE Vice President & Petroleum Engineer DATE 5/26/82  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE FOR E. W. GUYNN DISTRICT OIL & GAS SUPERVISOR DATE MAY 17 1982  
APPROVED BY [Signature] TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY  
\*See Instructions On Reverse Side  
NOTICE OF APPROVAL  
DATING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

*State O & G*

United States Department of the Interior  
Minerals Management Service  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104-3884

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator CHANDLER AND ASSOCIATES

Project Type GAS WELL

Project Location 507' FEL, 775' FSL, SEC 6, T18S, R8E

Well No. 16-6 Lease No. U-18126

Date Project Submitted 4-28-82

FIELD INSPECTION Date 5-13-82

Field Inspection Participants	<u>GEORGE DIWACHAK</u>	<u>MMS</u>
	<u>MERV MILES, LAURELLE HUGHES</u>	<u>BLM</u>
	<u>DAVE BURNETT, BOB LAFFERTY</u>	<u>CHANDLER</u>
	<u>JIM WELLS, JIM ROWLAND</u>	<u>CHANDLER</u>
	<u>JIM BOULDEN</u>	<u>BOULDEN CONST.</u>

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

5/17/82  
Date Prepared

George J. Diwachak  
Environmental Scientist

I concur

MAY 17 1982  
Date

W.D. Mauthe FOR E. W. GUYNN  
District Supervisor DISTRICT OIL & GAS SUPERVISOR

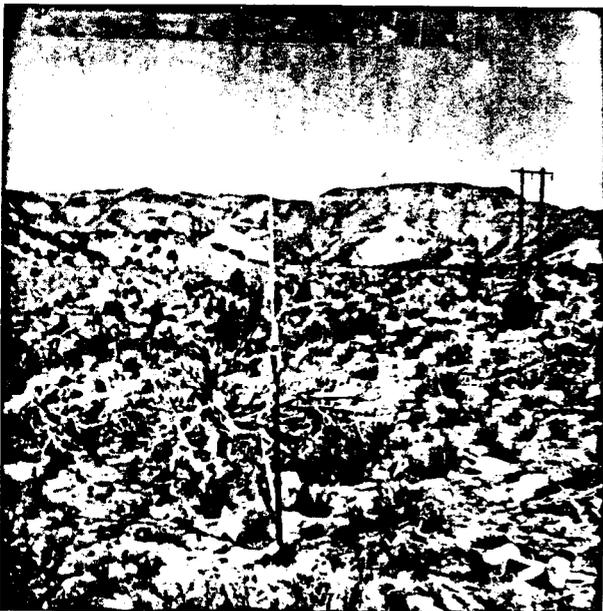
CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety	1 (5-17-82) ↓						6	6(5-13-82) ↓	4,8
2. Unique charac- teristics	1						6	6	4,8
3. Environmentally controversial	1						6	6	4,8
4. Uncertain and unknown risks	1						6	6	4,8
5. Establishes precedents							6	6	
6. Cumulatively significant							6	6	
7. National Register historic places	1								
8. Endangered/ threatened species	1								
9. Violate Federal, State, local, tribal law	1						6	6	4

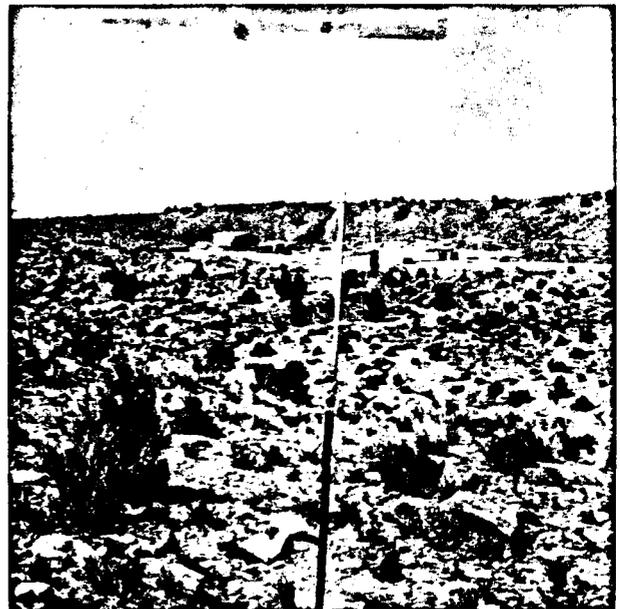
PLEASE REFER TO ATTACHED  
REFERENCE LEGEND

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

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



CHANDLER #16-6 ↑  
N



CHANDLER #16-6 ↑  
SW

## RECOMMENDED STIPULATIONS

1. A BLODIE PIT WILL BE CONSTRUCTED AT THE EAST CORNER OF THE PAD WITH A TRENCH RUNNING ALONGSIDE THE PAD TO THE MAIN RESERVE PIT.
2. THE BLODIE LINE WILL BE AT LEAST 125 FEET LONG AND BE DIRECTED INTO THE BLODIE PIT. FUGITIVE DUST FROM BLODIE EMISSIONS WILL BE CONTROLLED BY MISTING.
3. TOPSOIL WILL BE STOCKPILED ON THE NORTHEAST AND NORTHWEST SIDES OF THE LOCATION
4. - SEE BLM STIPULATIONS

**SCHLUMBERGER WELL SERVICES**  
A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION  
HOUSTON, TEXAS 77001

PLEASE REPLY TO  
SCHLUMBERGER WELL SERVICES

6/17/82

CHANDLER & ASSOCIATES, INC.  
1401 DENVER CLUB BLDG.  
DENVER, CO 80202  
Attention: ROBERT LENT

Gentlemen:

Enclosed are 4 prints of the FDC-CNL-GR, DIL-GR, BHC-GR on:  
Company CHANDLER & ASSOCIATES, INC.  
Well ORANGEVILLE UNIT 16-6 FEDERAL  
Field WILDCAT County EMERY State UTAH

Additional prints are being sent to:

1 prints  
UTAH DIVISION OF OIL, GAS, & MINING  
1588 WEST NORTH TEMPLE  
SALT LAKE CITY, UTAH 84116

\_\_\_\_\_ prints

2 prints & 1 SEPIA  
TEXAS INTERNATIONAL PETR. CORP.  
7395 EAST ORCHARD RD.  
ENGLEWOOD, CO 80111  
ATTN: R.C. SCHNEIDER

\_\_\_\_\_ prints

2 prints & 1 SEPIA  
TEXAS INTERNATIONAL PETRO. CORP.  
3535 NORTHWEST 58TH ST. #400  
OKLAHOMA CITY, OK 73112  
ATTN: DAVID BERTSCHINGER

\_\_\_\_\_ prints

2 prints & 1 SEPIA  
PAN CANADIAN PETROLEUM CO.  
1801 BROADWAY #700  
DENVER, CO 80202  
ATTN: SCOTT SPENCER

\_\_\_\_\_ prints

The film is BEING SENT TO

CHANDLER & ASSOCIATES, INC.  
DENVER

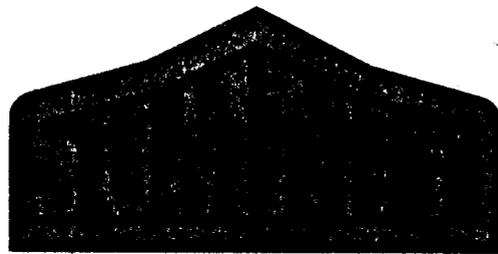
11+3-#0721

U.P.S.# 077-684-056-2

We appreciate the privilege of serving you.

Very truly yours,  
SCHLUMBERGER WELL SERVICES  
GRAND JUNCTION-R.L.DANTI

DISTRICT MANAGER



**CONSULTING INC.**

CHANDLER AND ASSOCIATES, INC.

Orangeville Unit Federal #16-6

SE SE

Section 6, T18S, R8E

Emery County, Utah

---

Clay Roberson, Geologist

**RECEIVED**

JUN 15 1982

**DIVISION OF  
OIL, GAS & MINING**

**Home Office:** P.O. Box 7674 • Fort Worth, Texas 76111 • Office (817) 831-4221  
1020 15th Street, Suite 6C • Denver, Colorado 80202 • Office (303) 595-3326

T A B L E   O F   C O N T E N T S

<u>ITEM</u>	<u>PAGE</u>
Resumé . . . . .	1
Summary and Conclusions . . . . .	2
Formation Tops . . . . .	3
Flare Record . . . . .	4
Daily Drilling Chronology . . . . .	5
Drilling Parameters . . . . .	6
Bit Record . . . . .	6
Mud Record . . . . .	7
Electric Log . . . . .	8
Lithology . . . . .	12

RESUME

OPERATOR: CHANDLER AND ASSOCIATES, INC.  
WELL NAME & NUMBER: Orangeville Unit Federal #16-6  
LOCATION: SE SE Section 6, T18S, R8E  
COUNTY AND STATE: Emery County, Utah  
SPUD DATE: 5/23/82  
COMPLETION DATE(TD): 5/30/82  
ELEVATIONS: 6,434' GL 6,446' KB  
TOTAL DEPTHS: \*3,879' LOGS 3,915' DRLR  
CONTRACTOR: Chandler Drilling #7  
TYPE RIG: Double-Brewster 45 Drawworks  
PUMPS: Gardner-Denver FXK 6" x 14"  
Joy 1600 RPS 7 x 5½ Booster  
GEOLOGIST: Clay Roberson, Summit Consulting, Inc.  
ENGINEER: Dick Veghte  
TOOL PUSHER: Darrel Fladeland  
TYPE DRILLING MUD: Air/Mist to 3,915' water based for logs  
MUD COMPANY: Crown  
MUD ENGINEER: Bob Zennadi  
HOLE SIZES: 12 1/4" to 194' 7 7/8" to 3,915'  
CASING: 8 5/8" @171' 5 1/2" to TD  
ELECTRIC LOGS BY: Schlumberger  
TYPE LOGS RUN: DIL-SFL-SP-GR surface casing to TD  
FDC-CNL-GR surface casing to TD  
BHC-SONK-GR surface casing to TD  
LOGGING ENGINEER: Mickey Thomas  
BOTTOM FORMATION: Dakota  
WELL STATUS: Set production casing

\* abundant slough

## SUMMARY AND CONCLUSIONS

The Chandler and Associates Federal #16-6 Orangeville Unit was drilled to a total depth of 3,915' (driller), 3,879' (Schlumberger), to the Dakota Formation. The discrepancy in depths was due to sloughing shales filling the holes.

The primary objectives were the Ferron Member Sands of the Mancos Formation. The Ferron was drilled from 2,974' to 3,350', with reverse drilling breaks indicating the sands. The drilling slowed from 8 m/f to 4 m/f. The lithology was a sandstone: light brown-orange, clear, brown, moderately to very fine grained, subround to subangular, medium sorted, very slightly argillaceous, poor to fair porosity, fair permeability, no stain, fluorescence or cut. No flares were recorded while drilling. However, several were reported after the rig had been shut down for various lengths of time (see flare record).

After some severe hole problems, Schlumberger logs were run, showing several discrete sand bodies of interest within the Ferron Member. The first, from 2,974' to 2,988', showed porosities of 9% to 11%, and resistivities from 35 to 55 ohm/meters. Crossover of 1/2 to 2 percentage units was shown on the porosity log, and water saturations ranged from 64% to 70%. The next zone of interest, from 3,015' to 3,025', showed porosities of 10% to 13%, and resistivities of 75 to 160 ohm/meters. No crossover occurred, and water saturations ranged from 29% to 50% (?). A thin bed, from 3,028' to 3,033', had porosities of 11% to 12%, with resistivities of 50 to 60 ohm/meters. Two percentage units of crossover occurred, and water saturations ranged from 51% to 61%.

The zone from 3,055' to 3,058' showed porosities of 13% and resistivities of 37 to 60 ohm/meters. One percentage unit of crossover occurred with water saturations of 46% to 59%. The zone from 3,066' to 3,078' had porosities of 11% to 13%, resistivities of 40 to 42 ohm/meters, 1/2 to 2 percentage units of crossover, and water saturations of 56% to 63%.

It was subsequently decided to set production casing.

FORMATION TOPS

#16-6 ORANGEVILLE UNIT FEDERAL  
SESE Sec. 16, T16S, R8E  
Emery County, Utah

ORANGEVILLE #1-36 STATE  
SESE Sec. 36, T18S, R7E  
Emery County, Utah

FORMATION	DEPTH	DATUM	+/-	DEPTH	DATUM
EMERY SANDSTONE	187'	(+6,259')	----	surface	-----
BLUGATE SHALE	1,336'	(+5,110')	-375'	500'	(+5,485')
FERRON SANDSTONE	2,974'	(+3,472')	-565'	1,948'	(+4,037')
MANCOS	3,350'	(+3,096')	-523'	2,366'	(+3,619')
DAKOTA MARKER	3,742'	(+2,704')	-541'	2,740'	(+3,245')
TD	3,915'	(+2,531')	-574'	2,886'	(+3,105')

FLARE RECORD

<u>DEPTH</u>	<u>SIZE</u>	<u>DURATION</u>	<u>CONDITIONS</u>
3,057'	2'	during trip	compressor off, hole empty
3,155'	15'	2 second	compressor on after connection, hole empty
3,277'	20'	5 second	compressor on after connection, hole empty
3,337'	5'	1 second	compressor on after connection, hole empty
3,459'	10'	10 second	compressor on after connection, hole empty
3,915'	2'	continuous during trip	compressor off, hole full of KCl water

DAILY DRILLING CHRONOLOGY

DATE	6:00 A.M. DEPTH	24 HOUR FOOTAGE	RIG ACTIVITY
5/23	0'	0'	Drill mouse hole and rat hole Begin drilling 12 1/4" surface hole at 11:30 a.m.
5/24	181'	181'	Drilling surface hole, set 8 5/8" casing at 171' at 11:00 a.m.
5/25	366'	185'	Begin drilling 7 7/8" hole at 2:00 a.m.
5/26	1,218'	854'	Drilling
5/27	2,222'	1,004'	Drilling; gaining water at 1,700'; 8 bbls/hr maximum then dropping off
5/28	3,055'	838'	Trip for new bit #3 @ 3,057'; 2' gas flare while tripping in with collars. 15' flare lasting 60 seconds after air compressor turned on.
5/29	3,229'	174'	Drilling; shut down for 15 minutes rig servcie @ 3,155'. 15' flare lasting 2 seconds after air compressor turned on
5/30	3,752'	523'	Drilling with two air compressors; trip for electric logs
5/31	3,915'	163'	Bridge @ 2,110'; compressor out 2-3 foot gas flare @ 8:00 a.m.; losing circulation
6/1	3,915'	0'	Pipe stuck @ 3,480'; mix mud
6/2	3,915'	0'	Rig up McCullough & freepoint; stuck @ 2,976'; fill hole with mud
6/3	3,915'	0'	Condition hole
6/4	3,915'	0'	Trip in with wash pipe; wash over fish; trip for fishing tools; hook onto and jar fish; trip out with fish
6/5	3,915'	0'	Condition hoel for logs; pipe sticking form 3,700' to 3,450'; run Sonic and FDC-CNL logs
6/6	3,915'	0'	Run dual-induction logs

DRILLING PARAMETERS

DATE	WOB	RPM	PP	PUMP #	SPM	SURVEY
5/23	A11	80	450	1	55	-----
5/24	A11	80	400	1	55	1° @ 169'
5/25	8-10	60	120 psi	air comp.	---	-----
5/26	8-10	60	120 psi	air comp.	---	1° @ 840'
5/27	8-10	60	150 psi	air comp.	---	-----
5/28	10	60	165 psi	air comp.	---	-----
5/29	20	40	180 psi	air comp.	---	-----
5/30	12	60	230 psi	air comp.	---	-----
6/1	Trip for logs					

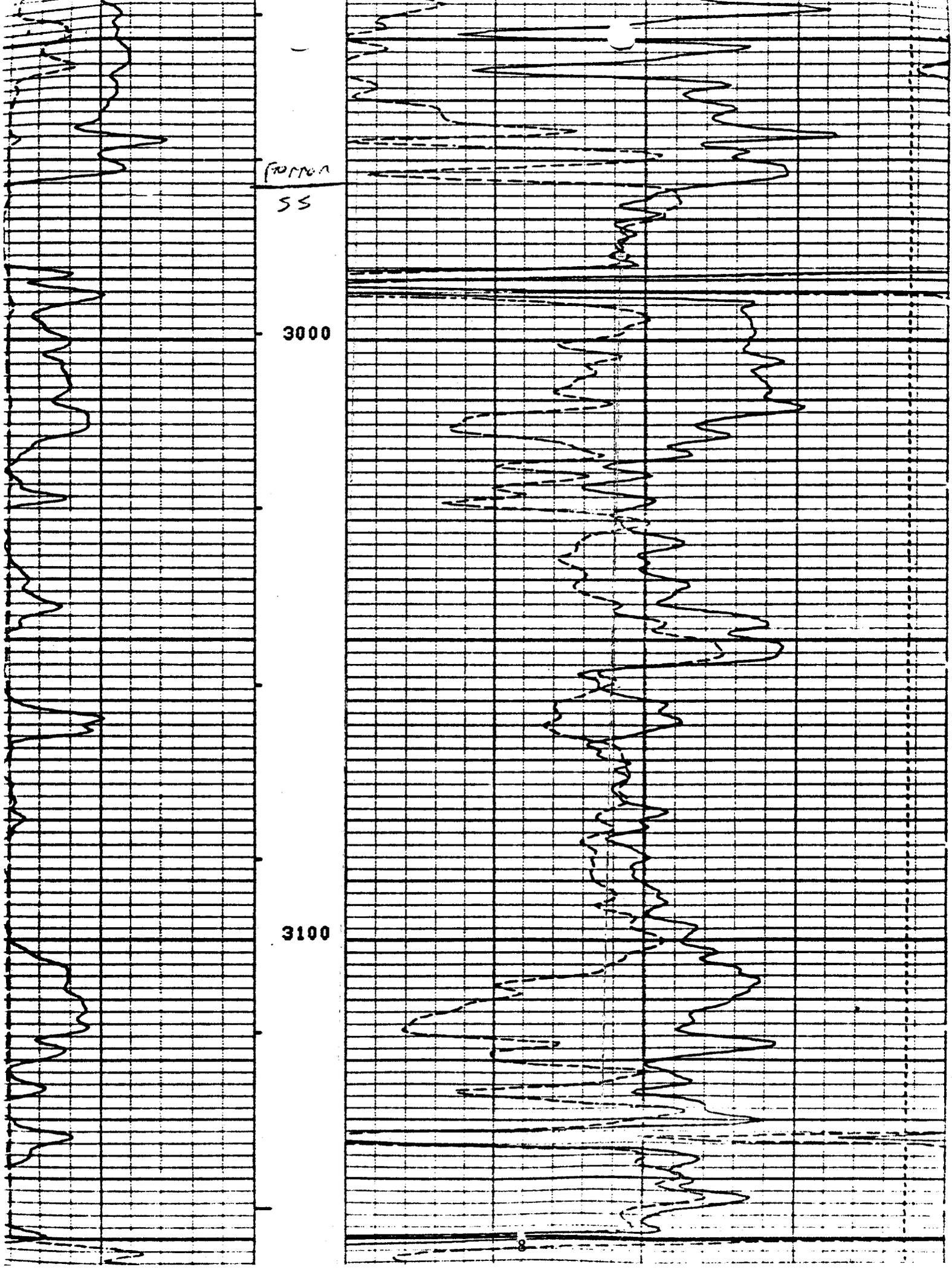
BIT RECORD

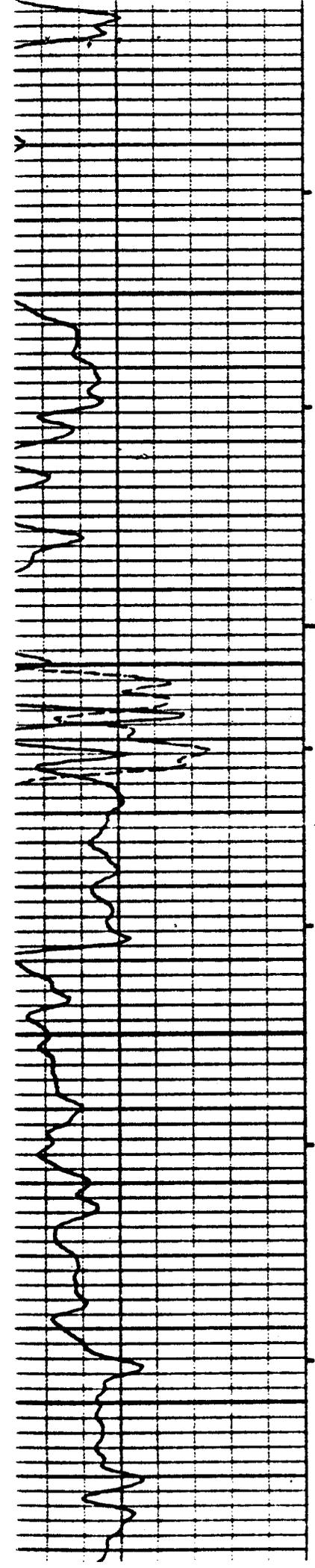
NO.	MAKE	TYPE	SIZE	IN	OUT	FOOTAGE	HRS.
1	SEC	S4TJ	12 1/4"	15'	194'	179'	18½
2	SEC	S86F	7 7/8"	194'	3,057'	2,863'	65
3	SEC	J88F	7 7/8"	3,057'	3,915'	858'	48½

MUD RECORD

MUDDER UP AT 3915' ON 2-32

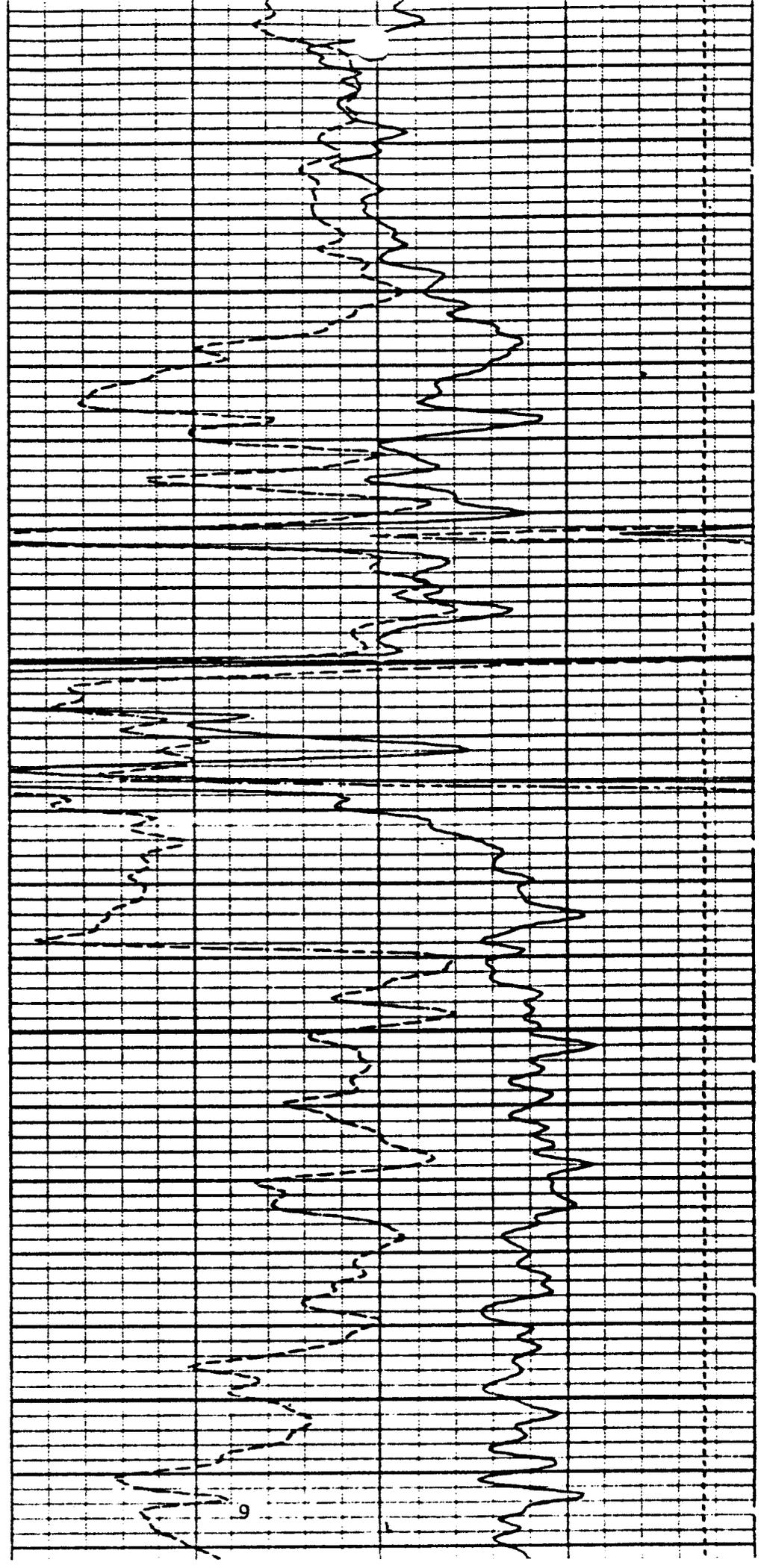
DATE	DEPTH	WT.	F. VIS.	P. VIS.	YIELD	GEL STRNT	PH	FILTR	CK.	ALKA.	SALT	CHLO	CALCIUM	GYP / SAND	SOLID/%WTR.	CUMULATIVE COST
1/23	0'	SPUD MUD	-	-	-	-	-	WT 9.6	-	VIS 77	-17					
1/24	181'	SPUD MUD			WT-9.6			VIS 77								
1/25	366'	AIR MIST														
1/26	1218'	AIR MIST														
1/27	2222'	AIR MIST														
1/28	3033'	AIR MIST														
1/29	3229'	AIR MIST														
1/30	3752'	AIR MIST														
1/31	3915'	KC WATER FOR LOGS														
1/2	3915'	8.4	100+	27	36	4/16	10.9	10.0	1	5/1.25	-	1200	TCL	- / TR	.5 / 98.5	\$7708
1/3	3915'	5.5	75	26	28	3/11	12.5	7.0	2	5/1.2	-	1500	TCL	- / TR	1 / 98	11200
1/4	3915'	3.7	52	14	22	-	9.5	10.0	2	25/1	-	1500	TCL	- / 1/4	2 / 98	11521
1/5	3915'	2.6	58	20	24	2/8	9.0	11.0	2	3/9	-	2000	TCL	- / 1/4	15 / 98.5	12,267
1/6	RUN LOGS															





3100

3200



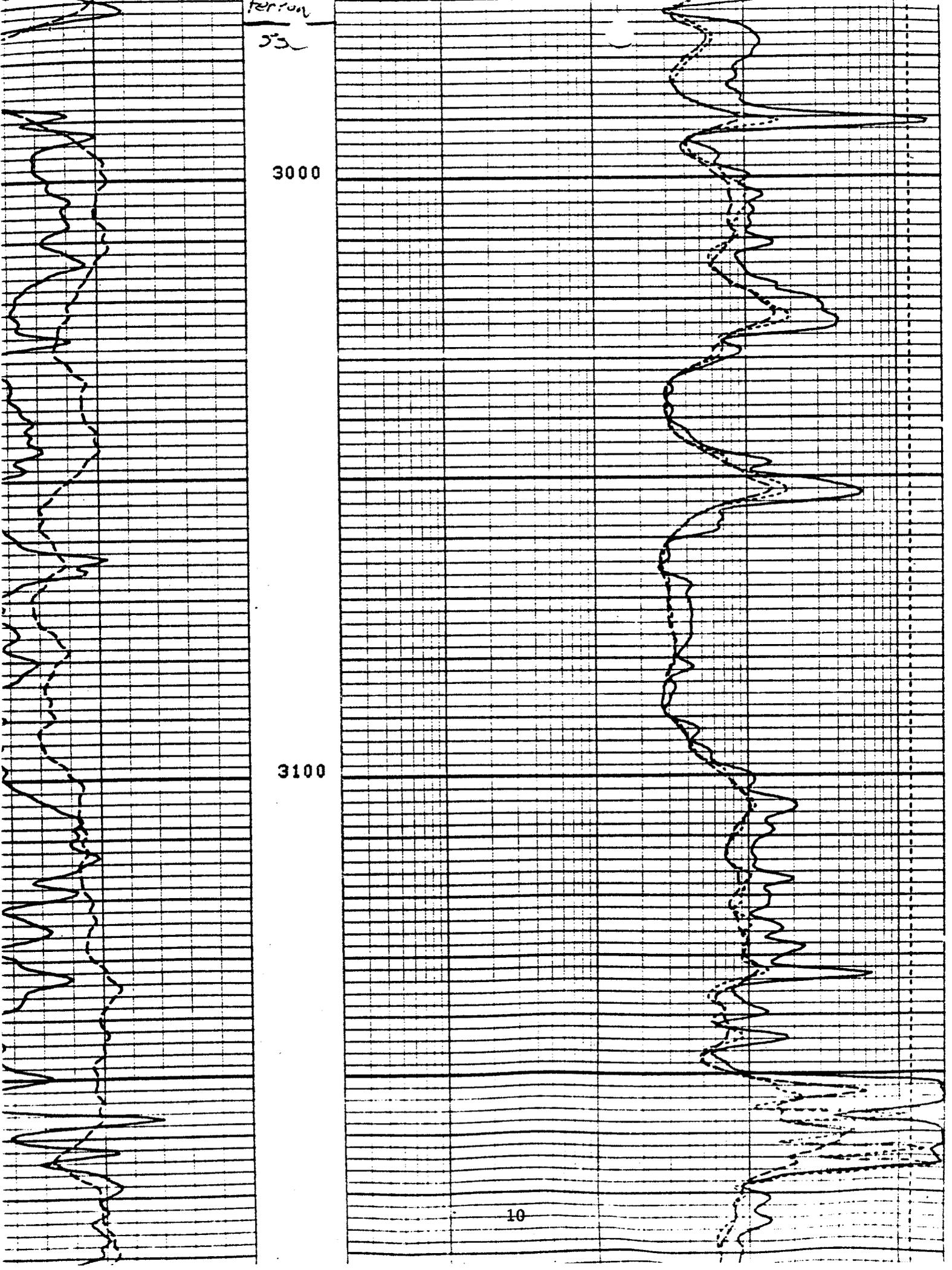
Person

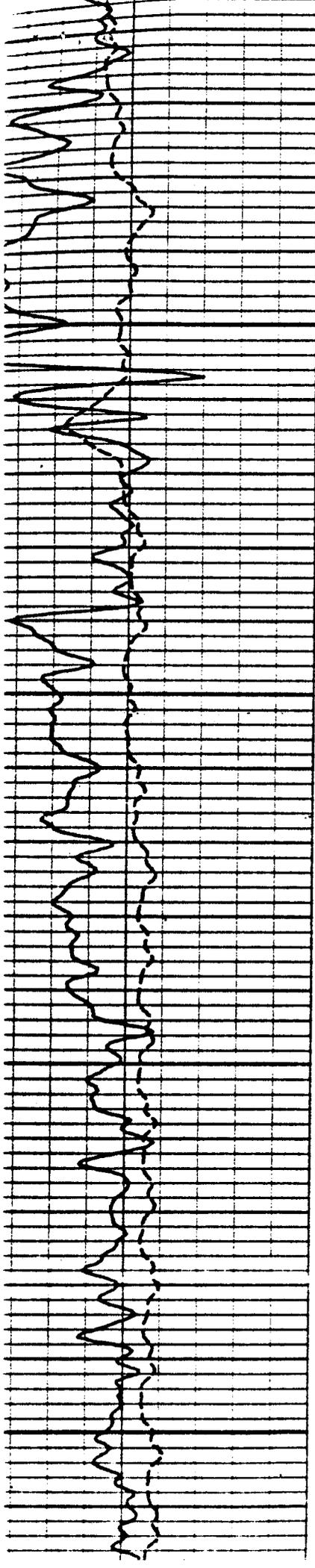
55

3000

3100

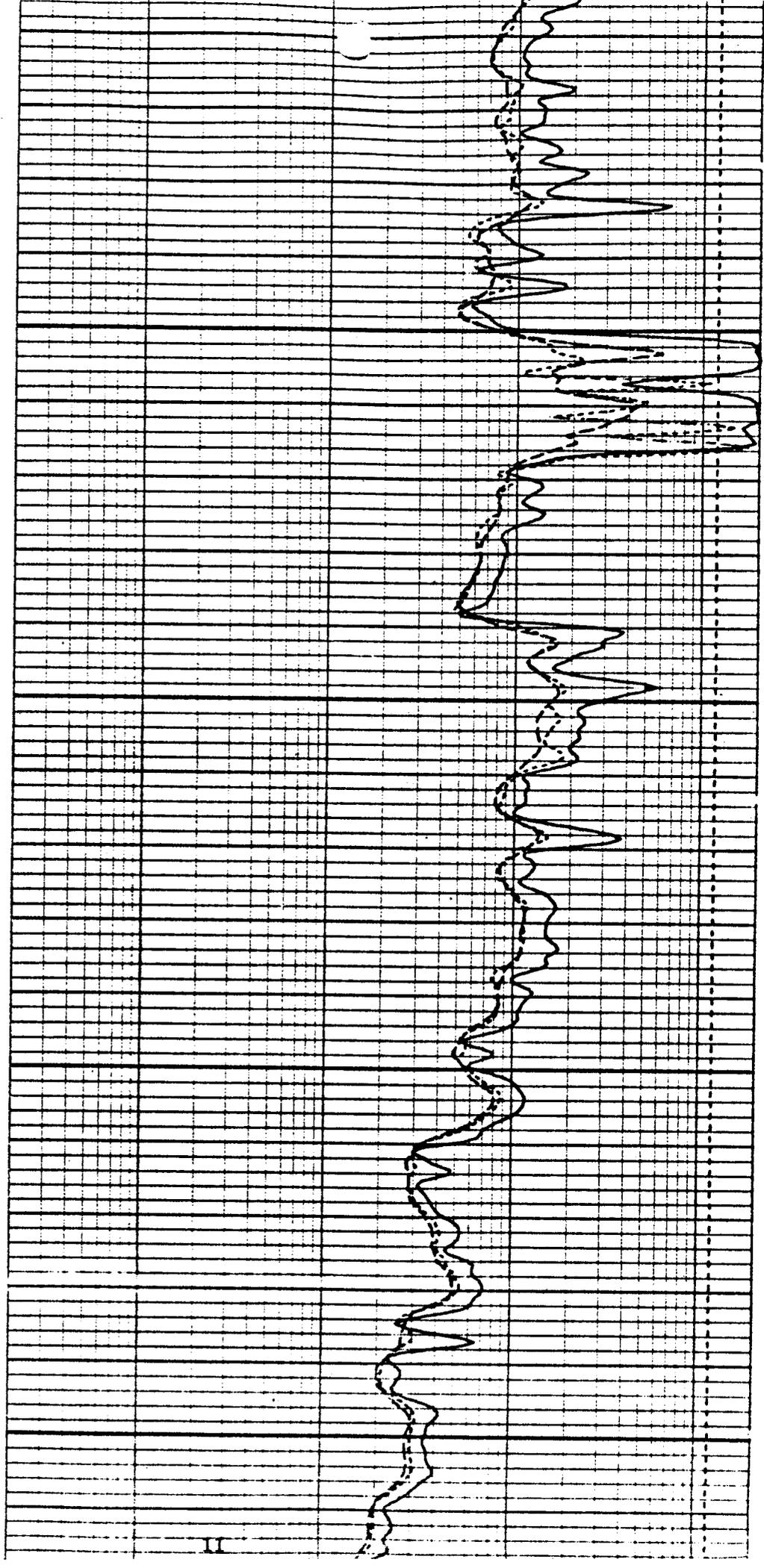
10





3200

3300



## LITHOLOGY

240-390	SILTSTONE--m-dk gy, frm-hd, blk, arg, aren i.p., v sl calc, tr carb incl
390-400	SANDSTONE--wh, v lt gy, vf gr, grd to sltst, sb rnd, m-p srt, sl arg, sl calc, NSOFC
400-450	SILTSTONE--m-dk gy, frm-hd, blk, arg, aren i.p., v sl calc, tr carb incl
450-480	SILTSTONE--gy-brn/gy, frm-hd, blk, arg, aren i.p., v sl calc, tr carb incl
480-510	SILTSTONE--gy-brn/gy, frm-hd, blk, arg, aren i.p., v sl calc, tr carb incl, tr pris calc
510-560	SILTSTONE--gy-brn/gy, frm-hd, blk, v arg, grd to sh, aren i.p., v sl calc, tr carb incl
560-575	SANDSTONE--gy-brn, wh, mott, vf gr, grd to sltst, sb rnd, p srt, sl calc, arg, abnt min flor
575-590	SILTSTONE--gy-brn/gy, frm-hd, blk, v arg, grd to sh, aren i.p., v sl calc, tr carb incl
590-605	SANDSTONE--gy-brn, wh, mott, vf gr, grd to sltst, sb rnd, p srt, sl calc, arg, abnt min flor
605-620	SILTSTONE--gy-brn/gy, frm-hd, blk, v arg, grd to sh, aren i.p., v sl calc, tr carb incl
620-635	SANDSTONE--gy-brn, wh, mott, vf gr, grdt to sltst, sb rnd, p srt, sl calc, arg, min flor
635-645	SILTSTONE--gy-brn/gy, frm-hd, blk, v arg, grd to sh, aren i.p., v sl calc, tr carb incl
645-660	SANDSTONE--lt gy, lt gy-brn, wh, vf gr, sb rnd, p srt, sl calc, arg, slty, sm min flor
660-685	SANDSTONE--gy-brn, vf gr, sb rnd, p srt, sl calc, arg, slty
685-720	SILTSTONE--gy-brn/gy, frm-hd, blk, v arg, grd to sh, aren i.p., v sl calc, tr carb incl
720-745	SILTSTONE--gy-brn, frm-v frm, blk, arg, aren i.p., sl calc
745-780	SANDSTONE--wh, lt gy, lt gy/brn, mott, vf gr, sb rnd, p srt, sl calc, sl arg
780-820	SANDSTONE--wh, lt gy-brn, mott, vf gr, sb rnd, p srt, sl arg, sl calc

LITHOLOGY (CG 'D)

820-1,005	SILTSTONE--lt-m gy/brn, frm, blk, arg, aren i.p., sl calc
1,005-1,025	SANDSTONE--wh, lt gy/brn, mott, vf gr, sb rnd, p srt, sl arg, sl calc
1,025-1,110	SILTSTONE--gy, gy/brn, frm-hd, blk, arg, grd to sh, aren i.p., sl calc, tr carb incl
1,110-1,140	SHALE--gy, frm-hd, blk-sb fis, slty i.p., sl calc
1,140-1,200	SILTSTONE--gy, gy/brn, frm-hd, blk, arg, grd to sh, aren i.p., sl calc, tr carb incl
1,200-1,230	SHALE--gy/brn, frm-v frm, blk, slty, sl calc
1,230-1,260	SILTSTONE--gy-brn, frm-v frm, blk, arg, grd to sh, aren i.p., sl calc
1,260-1,270	SANDSTONE--wh, lt gy/brn, vf gr, sb rnd, p-m srt, sl calc, sl arg, slty i.p.
1,270-1,290	SILTSTONE--gy/brn, frm-v frm, blk, arg, grd to sh, aren i.p.
1,290-1,350	SILTSTONE--gy/brn, gy, frm-v frm, blk, arg, v aren i.p., sl calc
1,350-1,470	SHALE--gy/brn, frm, blk, aren i.p., v slty, sl calc
1,470-1,500	SILTSTONE--gy/brn, gy, frm-v frm, blk, arg, v aren i.p., sl calc
1,500-1,560	SHALE--gy/brn, gy, frm, blk, aren i.p., v slty, sl calc
1,560-1,620	SHALE--gy, gy/brn, frm, blk, aren i.p., v slty, sl calc
1,620-1,770	SHALE--gy/brn, gy, frm, blk, aren i.p., v slty, sl calc
1,770-1,800	SILTSTONE--gy/brn, gy, frm, blk, aren i.p., arg, sl calc
1,800-2,260	SHALE--dk gy, frm-v frm, blk, v slty, sl calc
2,260-2,320	SHALE--dk gy, frm-v frm, blk, v slty, sl calc
2,320-2,350	SHALE--dk gy, frm-v frm, blk, v slty, sl calc, tr pris calc, frac-fill
2,350-2,380	SHALE--dk gy, gy/brn, frm-v frm, blk-sb fis, sl calc, slty i.p.
2,380-2,410	SHALE--dk gy, gy/brn, frm-v frm, blk-sb fis, sl calc, slty i.p., grd to sltst
2,410-2,500	SHALE--dk gy, frm-v frm, blk-sb blk, sl calc, slty i.p.

LITHOLOGY (CONT'D)

2,500-2,530	SHALE--dk-m gy, frm-v frm, blk-y-sb blk-y, sl calc, slty i.p., aren i.p.
2,530-2,560	SHALE--dk gy, frm-v frm, blk-y-sb fis, sl calc, slty i.p.
2,560-2,590	NO SAMPLE
2,590-2,620	SHALE--dk gy, frm-v frm, blk-y-sb fis, sl calc, slty i.p.
2,620-2,650	SHALE--dk gy, frm-v frm, blk-y-sb fis, sl calc, slty, grdg to sltst, aren i.p.
2,650-2,680	SHALE--dk gy, frm-v frm, blk-y-sb fis, sl calc, slty, grdg to sltst, aren i.p.
2,680-2,740	SHALE--dk gy, frm-v frm, blk-y-sb fis, sl calc, slty, aren i.p.
2,740-2,770	SHALE--m-dk gy, frm-v frm, blk-y-sb fis, sl calc, slty, aren i.p.
2,770-2,800	SILTSTONE--m-dk gy, frm-v frm, blk-y, sl calc, arg, aren
2,800-2,800	SILTSTONE--m-dk gy, frm-hd, blk-y, arg, aren
2,870-2,900	SILTSTONE--m-dk gy, wh, frm-hd, blk-y, arg, v aren i.p.
2,900-2,920	SHALE--m-dk gy, frm, blk-y, slty, grdg to sltst, sl calc
2,920-2,950	SHALE--m-dk gy, frm, blk-y, slty, v sl calc
2,950-2,965	SILTSTONE--dk gy, lt gy, frm-hd, blk-y, arg, v aren i.p., grdg to ss
2,965-2,980	SANDSTONE--lt gy, gy/brn, wh, mott, vf gr, grdg to sltst, sb ang-sb rnd, p srt, arg, slty, v sl calc, sm yel/gn min flor, NSOC
2,980-2,992	SANDSTONE--lt orng/brn, clr, m-vf gr, sb rnd-sb ang, m-w srt, v sl arg, f-gd perm, f Ø
2,992-2,995	COAL--blk, vit, brit, fis-sb fis
2,995-3,015	SANDSTONE--lt orng/brn, clr, brn, m-vf gr, grdg to sltst, sb ang, m-p srt, v arg i.p., slty, tr pyr, coal prtng, orng & yel min flor
3,105-3,025	SILTSTONE--lt-dk brn, gy/brn, mott, frm, blk-y, arg, aren
3,025-3,060	SANDSTONE--wh, clr, m-vf gr, sb rnd-sb ang, m srt, sl arg, slty i.p., coal prtng
3,060-3,065	SILTSTONE--lt-dk brn, gy/brn, mott, frm, blk-y, arg, aren
3,065-3,110	SANDSTONE--wh, lt brn, vf-m gr, sb ang-sb rnd, p-m srt, v sl calc, v sl arg, tr pyr, tr dd o stn, no flor, no cut

LITHOLOGY (CC D)

3,110-3,120	SILTSTONE--brn, gy/brn, frm-v frm, blk, arg, aren v sl calc, carb i.p.
3,120-3,125	SANDSTONE--wh, lt brn, vf-m gr, sb ang-sb rnd, p-m srt, v sl calc, vl sl arg, tr pyr, tr dd o stn, no flor or cut
3,125-3,130	SILTSTONE--brn, gy/brn, frm-v frm, blk, arg, aren, v sl calc, carb i.p.
3,130-3,153	SANDSTONE--wh, lt brn, vf-m gr, sb ang-sb rnd, p-m srt, v sl calc, v sl arg, tr pyr, tr dd o stn, no flor or cut
3,153-3,168	COAL--blk, vit, frm, fis-sb fis
3,168-3,190	SANDSTONE--clr, lt brn, vf-m gr, sb rnd-sb ang, m srt, sl arg i.p.
3,190-3,230	SILTSTONE--lt gy, lt brn, gy/brn, frm-hd, blk, arg, aren, grd to ss i.p., sl calc
3,230-3,270	SILTSTONE--gy/brn, brn, frm, blk, arg, aren, v sl calc
3,270-3,300	SILTSTONE--gy/brn, frm, blk, arg, aren i.p., v sl calc
3,300-3,330	SILTSTONE--gy/brn, gy, frm, blk, arg, aren i.p., v sl calc
3,300-3,340	NO SAMPLE
3,340-3,360	SHALE--dk gy, frm, blk, slty, aren i.p.
3,360-3,400	SILTSTONE--dk gy, frm, blk, arg, aren
3,400-3,420	SHALE--dk gy, frm, blk, slty, aren i.p.
3,420-3,440	SILTSTONE--lt-m gy, frm, blk, arg, aren, tr glauc
3,440-3,475	SILTSTONE--wh, lt-m gy, frm, blk, arg, aren, grd to ss i.p., tr glauc, tr pris calc, frac-fill
3,475-3,550	SHALE--dk gy, frm-hd, blk-sb blk, slty i.p.
3,550-3,600	SHALE--dk gy, frm-hd, blk-sb blk, slty i.p., sl calc
3,600-3,700	SHALE--dk gy, frm-hd, blk-sb blk, slty i.p., calc
3,700-3,710	SHALE--lt gy/gn, lt gy, frm, plty, slty i.p.
3,710-3,720	SANDSTONE--clr, wh, v lt brn, vf-f gr, arg, m srt, calc, arg, slty i.p., tr min flor
3,720-3,740	SILTSTONE--lt gy, b lt brn, frm, blk-plty, arg, v aren, grd to ss
3,740-3,785	SILTSTONE--dk gy, frm, blk, arg, aren, calc

LITHOLOGY (CONT'D)

3,785-3,795 SANDSTONE--v lt brn, wh, v lt gy, clr, vf-f gr, ang-sb  
ang, p-m srt, sl calc, slty, arg, tr min flor

3,795-3,810 SILTSTONE--dk gy, frm, blk, arg, aren, calc

3,810-3,820 SANDSTONE--v lt brn, wh, vf-f gr, ang, p-m srt, sl calc,  
slty, arg

3,820-3,850 SILTSTONE--lt gy, lt gn, frm, blk, arg, aren

3,850-3,865 SANDSTONE--wh, clr, v lt brn, v lt gy, vf-f gr, ang-  
sb ang, m srt, calc, arg

3,865-3,870 SHALE--lt gn, frm, blk, slty i.p., aren i.p., glauc

3,870-3,880 SANDSTONE--wh, clr, v lt brn, vf-m gr, ang-sb ang, m  
srt, calc, arg

3,880-3,895 SHALE--lt gn, lt gy, frm, blk, slty i.p., aren i.p.,  
glauc

3,895-3,905 SANDSTONE--v lt gy, vf-f gr, sb ang, m srt, calc, arg

3,905-3,915 SHALE--lt gn, lt gy, frm, blk, slty i.p., aren i.p.,  
glauc

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. oil well  gas well  other

2. NAME OF OPERATOR  
Chandler & Associates, Inc.

3. ADDRESS OF OPERATOR  
1401 Denver Club Bldg, Denver, Colo 80202

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 507' FEL; 775' FSL (SE SE)  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH: Same

5. LEASE  
U-18126

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
-----

7. UNIT AGREEMENT NAME  
Orangeville Unit Fed

8. FARM OR LEASE NAME  
Orangeville Unit Fed

9. WELL NO.  
16-6

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 6-18S-8E

12. COUNTY OR PARISH | 13. STATE  
Emery | Utah

14. API NO.  
43 015 30108

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6434' GR

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

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

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

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

5-23-82 SPUD 11:30 AM	6-23-82 Acidized w/112 bbls 7 1/2% HCL.
5-25-82 Set 4 jts 8 5/8" csg at 171' KB w/250 sx cmt.	6-25-82 Perf'd 2976-2982 KB, 2 SPF. Acidized w/1000 gals 7 1/2% HCL.
6-6-82 Depth 3,915'. Ran FDC-CNL-GR, DIL-GR, BHC-GR, Cyberlook logs.	6-26-82 Frac w/906 BF & 57,536# 20/40 w/800 SCF/bbl CO2.
6-7-82 Set 99 jts 5 1/2" csg at 3890' KB w/300 sx cmt. RIG RELEASED 1AM 6-7-82.	6-27 to 9-7-82 Flow and pump tested. Continue testing.
6-21-82 RU completion unit. Ran CBL-CCL-GR.	
6-22-82 Perf'd Tununk Shale 3444-3496', 6 holes.	

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

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

SIGNED W.P. Marx W.P. Marx TITLE Petroleum Engineer DATE 9-21-82

(This space for Federal or State office use)

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



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

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

October 29, 1982

Chandler & Associates, Inc.  
1401 Denver Club Bldg.  
Denver, Colorado 80202

Re: Well No. Ferron Federal #16-20  
Sec. 20, T. 17S, R. 8E.  
Emery County, Utah  
(September 1982)

Well No. State #1-36  
Sec. 36, T. 18S, R. 7E.  
Emery County, Utah  
(July- September 1982)

Well No. Orangeville Unit Federal #16-6  
Sec. 6, T. 18S, R. 8E.  
Emery County, Utah  
(September 1982)

Gentlemen:

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

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1b, (U. S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above matter will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Clerk Typist

CF/cf  
Enclosure

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

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

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

76

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

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

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

2. NAME OF OPERATOR  
CHANDLER & ASSOCIATES, INC.

3. ADDRESS OF OPERATOR  
1401 Denver Club Building, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 507' FEL, 775' FSL (SE SE)

At top prod. interval reported below same

At total depth same

14. PERMIT NO. DATE ISSUED  
API 43-015-30108 5-11-82

5. LEASE DESIGNATION AND SERIAL NO.  
U-18126

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
---

7. UNIT AGREEMENT NAME  
Orangeville Unit Fed.

8. FARM OR LEASE NAME  
Orangeville Unit Fed.

9. WELL NO.  
16-6

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 6-T18S-T8E

12. COUNTY OR PARISH  
Emery

13. STATE  
Utah

15. DATE SPUDDED 5-23-82 16. DATE T.D. REACHED 5-31-82 17. DATE COMPL. (Ready to prod.) 6-25-82 (perf) 18. ELEVATIONS (SP, REB, RT, GR, ETC.)\* 6446 RKB 19. ELEV. CASINGHEAD 6434'

20. TOTAL DEPTH, MD & TVD 3915' RKB 21. PLUG, BACK T.D., MD & TVD 3828' RKB 22. IF MULTIPLE COMPL., HOW MANY\* -- 23. INTERVALS DRILLED BY -- ROTARY TOOLS All CABLE TOOLS --

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
2973-2989' Ferron

25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
Dual Induction-SFL, Density-Neutron, Sonic Log, Cement Bond Log

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#	171	12 1/4	250 sks	
5 1/2"	15 1/2#	3890	7-7/8	300 sks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
n/a					SIZE 2-7/8" DEPTH SET (MD) 2969 PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

2976-2982' - 0.38", 2 spf Ferron

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3444-3496	500 gal 7 1/2% HCl
3400	CIBP w/ 2 sks cement on top
2976-2982	1000 gal 7 1/2% HCl, fraced w/ 906 bbls gelled wtr, 800 scf/bbl CO <sub>2</sub> & 57,536# 20/40 sand

33.\* PRODUCTION

DATE FIRST PRODUCTION 6-25-82 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 1 1/2" rod pump WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 10-24-82 HOURS TESTED 24 CHOKE SIZE -- PROD'N. FOR TEST PERIOD -- OIL—BBL. 9 GAS—MCF. -- WATER—BBL. 3 GAS-OIL RATIO --

FLOW. TUBING PRESS. -- CASING PRESSURE -- CALCULATED 24-HOUR RATE -- OIL—BBL. 9 GAS—MCF. -- WATER—BBL. 3 OIL GRAVITY-API (CORR.) 36.7

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

TEST WITNESSED BY  
Walter Carmen

35. LIST OF ATTACHMENTS  
Logs will be sent by subcontractor.

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

SIGNED William P. Marx TITLE Senior Engineer DATE 10-27-82

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

# INSTRUCTIONS

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

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

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

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Emery Sandstone	187					
Blugate Shale	1336					
Ferron Ss	2974					
Mancos	3350					
Dakota Marker	3742					
T.D.	3915					



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

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

December 11, 1982

Chandler & Associates, Inc.  
1401 Denver Club Bldg.  
Denver, Colorado 80202

Re: Well No. Orangeville Unit Fed.  
#16-6  
Sec. 6, T. 18S, R. 8E.  
Emery County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office October 27, 1982, from above referred to well, indicates the following electric logs were run: Dual Induction-SFL, Density-Neutron, Sonic Log, Cement Bond Log. As of todays 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.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse  
Clerk Typist

CF/cf



**CHANDLER & ASSOCIATES, INC.**

1401 DENVER CLUB BUILDING

DENVER, COLORADO 80202

303 629-6756

OIL AND GAS EXPLORATION AND PRODUCTION

December 16, 1992

**RECEIVED**

DEC 20 1992

DIVISION OF  
DIVISION OF MINING  
OIL, GAS & MINING

State of Utah  
Natural Resources & Energy  
Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, Utah 84114

ATTENTION: Cari Furse

Re: Well Logs for the  
Orangeville Unit Fed. #16-6  
Sec. 6-T18S-R8E  
Emery County, Utah

Dear Ms. Furse:

As per your letter and phone request, enclosed is a set of logs for the subject well (FDC-CNL-GR, DIL-GR and BHC-GR logs). Attached is a copy of the Schlumberger Well Services transmittal stating that a set was sent to the West North Temple street address.

Sincerely,

CHANDLER & ASSOCIATES, INC.

*Joyce Nakata*

Joyce Nakata  
Production Department

JN

Enclosures

PLEASE ACKNOWLEDGE RECEIPT OF THE ABOVE MENTIONED DATA BY SIGNING AND RETURNING A COPY OF THIS LETTER. THANK YOU.

RECEIVED BY: *Cari Furse*, DATE *12-23-82*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

--- SUBMIT IN TRIPLICATE ---  
(Other instructions on  
reverse side)

Budget Bureau No. 1004-0100  
Expires August 31, 1985  
A. LEASE DESIGNATION AND SERIAL NO.  
U-18126

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug  
Use "APPLICATION FOR PERMIT" for such purposes)

**RECEIVED**  
MAR 12 1990

1.  OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
CHANDLER & ASSOCIATES, INC.

3. ADDRESS OF OPERATOR  
1860 Lincoln St., Suite 770, Denver, CO 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface  
507' FEL, 775' FSL (SE SE)

5. UNIT AGREEMENT NAME  
Orangeville Unit

6. FARM OR LEASE NAME  
ORANGEVILLE

7. WELL NO.  
16-6

8. DIVISION OF  
OIL, GAS & MINING

9. FIELD AND POOL, OR WILDCAT

10. SEC., T., R., N., OR BLK. AND SUBSTY OR AREA  
Sec 6-18S-8E

11. COUNTY OR PARISH  
Emery

12. STATE  
Utah

13. PERMIT NO.  
43-015-30108

14. ELEVATIONS (Show whether OF, HT, OR OIL)  
GR 6434'

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANE <input type="checkbox"/>	(Other) Extension of SI Status <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion or Well Completion or Recompletion Report and Log form.)	

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

The economic and marketing conditions for gas sales or pipeline connection for this well have not changed. Chandler & Associates, Inc. is therefore requesting an extension of shut-in status.

OIL AND GAS	
GLH	GLH
1-JUN ✓	GLH
DTI	SLS
2-TAS	
3-	MICROFILM ✓
4-	FILE

cc: State of Utah  
Division of Oil, Gas & Mining

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

SIGNED James Cantore TITLE Petroleum Engineer DATE March 8, 1990  
Wend Kartava

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

U-18126

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

ORANGEVILLE UNIT

8. Well Name and No.

ORANGEVILLE FED 16-6

9. API Well No.

43-015-30108

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Emery County, UT

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

CHANDLER & ASSOCIATES, INC.

3. Address and Telephone No.

1850 Anaconda Tower, 555 - 17th St., Denver, CO 80202 (303) 295-0400

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

507' FEL, 775' FSL (SE SE) Sec 6-18S-8E

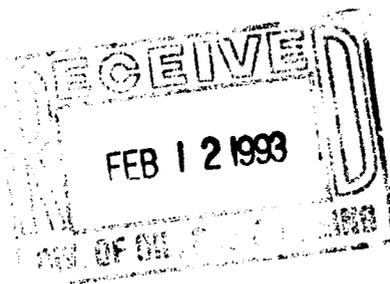
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input 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 type="checkbox"/> Other <u>Extension of SI Status</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

Current economic and marketing conditions for connecting this well for gas sales have not changed. Chandler & Associates, Inc. is therefore requesting an extension of shut-in status.



cc: State of Utah  
Div. of Oil, Gas, Mining

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

Signed Hugo Santana  
(This space for Federal or State office use)

Title Petroleum Engineer

Date February 10, 1993

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_ Date \_\_\_\_\_

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

<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b></p> <p>Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.                  Use APPLICATION FOR PERMIT - for such proposals</p>		6. Lease Designation and Serial Number
		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement
		9. Well Name and Number
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		10. API Well Number
2. Name of Operator <i>Shenandoah Energy Inc.</i>		11. Field and Pool, or Wildcat
3. Address of Operator <i>475 17th Street, Suite #1000 Denver, Colorado 80202</i>		4. Telephone Number <i>303-295-0400</i>
5. Location of Well Footage : Please see attached spreadsheet      County : QQ, Sec. T., R., M. :      State :		

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																											
<p align="center"><b>NOTICE OF INTENT</b> (Submit in Duplicate)</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table> <p>Approximate Date Work Will Start _____</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____		<p align="center"><b>SUBSEQUENT REPORT</b> (Submit Original Form Only)</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input checked="" type="checkbox"/> Other <u>Change of Operator</u></td> <td></td> </tr> </table> <p>Date of Work Completion _____</p> <p><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></p>	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction																										
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing																										
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion																										
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize																										
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare																										
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off																										
<input type="checkbox"/> Other _____																											
<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction																										
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing																										
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize																										
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare																										
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off																										
<input checked="" type="checkbox"/> Other <u>Change of Operator</u>																											

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

*Please be advised that effective 1/1/200 Chandler & Associates, Inc has changed its name to Shenandoah Energy Inc. Shenandoah Energy Inc. is responsible under the terms and conditions of the lease for the operation conducted upon the leased lands. Shenandoah Energy Inc. is bonded in the amount of \$80,000.00 to the School and Inst. Trust Lands via a name change rider filed with the State. Continental Casualty Bond # 159261960.*

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

Name & Signature: Thomas D. Taylor Title Production Geologist Date 05/25/2000

(State Use Only)

**RECEIVED**

**MAY 30 2000**

**DIVISION OF OIL, GAS AND MINING**

RECEIVED

MAY 30 2000

DIVISION OF  
OIL, GAS AND MINING

SHENANDOAH ENERGY INC.  
UTAH OPERATED WELLS

A.P.I. #	ENTITY	WELL NAME	WELL #	LOCATION	FIELD NAME	PROD. ZONE	FORMATION	WELL TYPE	AGREEMENT
43-015-30168-00	10684	BUZZARD BENCH FED	#6-3	SENW 3, 19S-7E	BUZZARD BENCH	FRSD	FERRON	GW	8910204190
43-015-30229-00	10670	BUZZARD BENCH FED	#3-24	SESW 3, 19S-7E	BUZZARD BENCH	FRSD	FERRON	GW	8910204190
43-015-30110-00	10685	FERRON FED	#16-20	SESE 20, 17S-8E	BUZZARD BENCH	FRSD	FERRON	OW	
43-015-30257-00	11837	FERRON FEDERAL	#7-12-19-7	SWNE 12, 19S-7E	BUZZARD BENCH	FRSD	UPPER FERRON	GW	
43-015-30000-00		FERRON FEDERAL	#16-9-10-7	SESE 9, 19S-7E	FERRON		FERRON	DRG	
43-015-3025300	11836	FERRON STATE	#4-36	SWNW 36, 18S-7E	BUZZARD BENCH	FRSD	FERRON	GW	
43-015-30222-00	11029	ORANGEVILLE FED	#1-11	NENE 11, 19S-7E	BUZZARD BENCH	FRSD	UPPER FERRON	GW	891020388A
43-015-30221-00	10600	ORANGEVILLE FED	#4-1	NWNW 1, 19S-7E	BUZZARD BENCH	FRSD	UPPER FERRON	GW	
43-015-30102-00	10920	ORANGEVILLE ST	#1-36	SESE 36, 18S-7E	BUZZARD BENCH	FRSD	UPPER FERRON	GW	8910203880
43-015-30179-00	00535	ORANGEVILLE STATE	#10-2	NWSE 2, 19S-7E	BUZZARD BENCH	FRSD	LOWER FERRON	GW	891020388A
43-015-30108-00	10978	ORANGEVILLE UNIT	#16-6	SESE 6, 18S-8E	BUZZARD BENCH	FRSD	FERRON	OW	
43-047-33164-00	12496	DESERT SPRING	#16-19-10-18	SESE 19, 10S-18E	DESERT SPRING	GRRV	GREEN RIVER	OW	
43-047-3316200	12523	DESERT SPRING	#3-29-10-18	NWNE 29, 10S-18E	DESERT SPRING	GRRV	GREEN RIVER	OW	
43-047-32493-00	11630	E COYOTE FEDERAL	#14-4-8-25	SESW 4, 8S-25E	EAST COYOTE FEDERAL	GRRV	GREENRIVER	OW	
43-047-31555-00	09497	ANTELOPE DRAW	#2-17-4C	SESW 17, 8S-22E	GLEN BENCH	GRRV	GREENRIVER	OW	UTU73974X
43-047-31556-00	09498	ANTELOPE DRAW	#3-17-3C	SESE 17, 8S-22E	GLEN BENCH	GRRV	GREENRIVER	OW	UTU73974X
43-047-32476-00	11862	GLEN BENCH	#8-19	SENE 19, 8S-22E	GLEN BENCH	GRRV	GREENRIVER	OW	UTU73974X
43-047-31257-00	11587	GLEN BENCH FED	#44-19	L 20 19, 8S-22W	GLEN BENCH	GRRV	GREEN RIVER	OW	UTU73974X
43-047-31355-00	11588	GLEN BENCH FED	#13-20	NWSW 20, 8S-22E	GLEN BENCH	GRRV	GREENRIVER	OW	UTU73974X
43-047-31356-00	06135	GLEN BENCH FED	#22-20	SENW 20, 8S-22E	GLEN BENCH		GREEN RIVER	WIW	UTU73974X
43-047-31433-00	06196	GLEN BENCH FED	#31-20	NWNE 20, 8S-22E	GLEN BENCH	GRRV	GREENRIVER	OW	UTU73974X
43-047-31008-00	06045	GLEN BENCH FED	#31-30	L 6 30, 8S-22E	GLEN BENCH	GRRV	GREEN RIVER	OW	UTU73974X
43-047-31260-00	06050	GLEN BENCH FED	#22-30	SENW 30, 8S-22E	GLEN BENCH	GRRV	GREEN RIVER	OW	UTU73974X
43-047-32549-00	11716	GLEN BENCH STATE	#6-16	SENW 16, 8S-22E	GLEN BENCH	GRRV	GREENRIVER	OW	UTU73974X
43-047-32582-00	11716	GLEN BENCH STATE	#7-16	SENE 16, 8S-22E	GLEN BENCH		GREENRIVER	WIW	UTU73974X
43-047-32583-00	11732	GLEN BENCH STATE	#12-16	NWSW 16, 8S-22E	GLEN BENCH		GREENRIVER	WIW	UTU73974X
43-047-32756-00	11955	GLEN BENCH UNIT	#15-19-8-22	SWSE 19, 8S-22E	GLEN BENCH		GREEN RIVER	WIW	UTU73974X
43-047-32755-00	12014	GLEN BENCH UNIT	#4-30-8-22	NWNW 30, 8S-22E	GLEN BENCH	GRRV	GREEN RIVER	OW	UTU73974X
43-047-32857-00	12219	GLEN BENCH UNIT	#11-16-8-22	NESW 16, 8S-22E	GLEN BENCH	GRGBS	GREEN RIVER	OW	UTU73974X
43-013-3147700	12248	UTD WALTON	#26-03	NENW 26, 9S-16E	MONUMENT BUTTE	GRRV	GREEN RIVER	OW	
43-047-33252-00	12527	GLEN BENCH STATE	#2-36-8-21	NENW 36, 8S-21E	NATURAL BUTTES	WSTC	WASATCH	GW	
43-047-33037-00	12377	GLEN BENCH STATE	#8A-36-8-21	SWNE 36, 8S-21E	NATURAL BUTTES	WSTC	WASATCH	GW	
43-047-33038-00	12378	GLEN BENCH STATE	#6-36-8-21	SENW 36, 8S-21E	NATURAL BUTTES	WSTC	WASATCH	GW	
43-047-32746-00	11944	SAGE GROUSE FEDERAL	#6-14-8-22	SENW 14, 8S-22E	NATURAL BUTTES	GRRV	GREEN RIVER	GW	
43-047-32724-00	12361	SAGE GROUSE FEDERAL	#8-36-8-21	SENE 36, 8S-21E	NATURAL BUTTES	GRRV	GREEN RIVER	GW	
43-047-3309500	12528	WHITE RIVER UNIT	#13-35-8-22	SWSW 35, 8S-22E	NATURAL BUTTES	WSTC	WASATCH	GW	891003509B
43-047-3306100	12528	WHITE RIVER UNIT	#15-35-8-22	SWSE 35, 8S-22E	NATURAL BUTTES	WSTC	WASATCH	GW	891003509B
43-047-3275400	12003	FLU KNOLLS FED.	#23-3	NESW 3, 10S-18E	UTELAND BUTTE	GRRV	GREEN RIVER	OW	
43-047-15083-00	04915	WHITE RIVER UNIT	#19-9	SWNE 9, 8S-22E	WHITE RIVER		GREENRIVER	WIW	891003509D
43-047-15080-00	04915	WRU	#15-9	NESE 9, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	891003509D
43-047-15085-00	04915	WRU	#24-10	NESW 10, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	891003509D
43-047-15086-00	04915	WRU	#27-10	SWNE 10, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	891003509D
43-047-31561-00	10000	WRU	#47-10	L1 10, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	

SHENANDOAH ENERGY INC.

UTAH OPERATED WELLS

A.P.I. #	ENTITY	WELL NAME	WELL #	LOCATION	FIELD NAME	PROD. ZONE	FORMATION	WELL TYPE	AGREEMENT
43-047-15090-00	04915	WRU	#31-4	SWSE 4, 8S-22E	WHITE RIVER		GREENRIVER	WSW	891003509D
43-047-15081-00	04915	WRU	#16-9	SWSE 9, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	891003509D
43-047-15084-00	04915	WRU	#20-9	NESW 9, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	891003509D
43-047-15087-00	04915	WRU	#25-9	NENE 9, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	891003509D
43-047-31354-00	05170	WRU	#43-16	NENW 16, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	
43-047-31399-00	09915	WRU	#45-16	NENE 16, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	
43-047-32052-00	11468	DESERT SPRINGS FED.	#20-1	NESW 20, 10S-18E	WILDCAT	GRRV	GREEN RIVER	OW	
43-013-32088-00	12497	W. DESERT SPRING	#11-20	NESW 20, 10S-17E	WILDCAT	WSTC	WASATCH	OW	
43-013-32057-00	12497	W. RIVER BEND	#16-17-10-17	SESE 17, 10S-17E	WILDCAT	GRRV	GREEN RIVER	OW	
43-013-31888-00	12497	W. RIVER BEND	#3-12-10-15	NENW 12, 10S-15E	WILDCAT	GRRV	GREEN RIVER	OW	
43-013-32084-00	12497	WILKIN RIDGE	#13-23	SWSW 23, 10S-16E	WILDCAT	WSTC	GREEN RIVER	OW	
43-047-33163-00		DESERT SPRING	#7-30-10-18	SWNE 30, T10S-R18E	APD	WSTC			

RECEIVED

MAY 30 2000

DIVISION OF  
OIL, GAS AND MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

In Reply Refer To:  
3100  
U-058 et al  
(UT-932)

JUN 5 2000

### NOTICE

Shenandoah Operating Company, LLC : Oil and Gas Leases  
475 17<sup>th</sup> Street, Suite 1000 :  
Denver, CO 80202 :

### Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of Chandler & Associates, LLC to Shenandoah Operating Company, LLC on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our automated records system. We have not abstracted the lease files to determine if the entity affected by the name change holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

A rider to statewide Surety Bond No. 124 29 03 64 (BLM Bond No. UT0969) changing the name on the bond from Chandler & Associates, LLC to Shenandoah Energy Inc. has been accepted by this office effective January 26, 2000. However, the rider makes no mention of Shenandoah Operating Company, LLC. A rider to the above bond adding the name of Shenandoah Operating Company, LLC needs to be submitted to this office.

**/s/ Robert Lopez**

Robert Lopez  
Chief, Branch of  
Minerals Adjudication

Enclosure  
Exhibit of Leases

RECEIVED

JUN 06 2000

DIVISION OF  
OIL, GAS AND MINING

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH		4-KAS ✓
2. CDW ✓		5- <del>STP</del> ✓
3. JLT		6-FILE

Enter date after each listed item is completed

**X Change of Operator (Well Sold)**

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective: **8-24-2000**

<b>FROM: (Old Operator):</b>
CHANDLER & ASSOCIATES INC
Address: 475 17TH STREET STE 1000
DENVER, CO 80202
Phone: 1-(303)-295-0400
Account No. N3320

<b>TO: ( New Operator):</b>
SHENANDOAH ENERGY INC
Address: 475 17TH STREET STE 1000
DENVER, CO 80202
Phone: 1-(303)-295-0400
Account No. N4235

**CA No.**

**Unit: ORANGEVILLE**

**WELL(S)**

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
ORANGEVILLE STATE 1-36	43-015-30102	10920	36-18S-07E	STATE	GW	S
ORANGEVILLE FEDERAL 16-6	43-015-30108	10978	06-18S-08E	FEDERAL	OW	S
ORANGEVILLE FEDERAL 4-1	43-015-30221	10600	01-19S-07E	FEDERAL	GW	S
ORANGEVILLE STATE 10-2	43-015-30179	535	02-19S-07E	STATE	GW	S
ORANGEVILLE FEDERAL 1-11	43-015-30222	11029	11-19S-07E	FEDERAL	GW	P

**OPERATOR CHANGES DOCUMENTATION**

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 05/30/2000
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 05/30/2000
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 11/02/2000
- Is the new operator registered in the State of Utah: YES Business Number: 1467732-0143
- If **NO**, the operator was contacted on: \_\_\_\_\_
- 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: 06/05/2000
- Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 08/24/2000
- Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator

change for all wells listed involved in a ~~UIC~~ on: N/A

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

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 11/03/2000
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 11/03/2000
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: 159261960

---

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: 3.2.01

---

**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filed in each well file on: \_\_\_\_\_

---

**COMMENTS:**

---

---

---

---

---

---

---

---

---

---



# 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

August 24, 2000

Attn: Scott M. Webb  
Shenandoah Energy Inc.  
465 17<sup>th</sup> Street, Suite 1000  
Denver, Colorado 80202

Re: Orangeville Unit  
Emery County, Utah

Gentlemen:

On August 24, 2000, we received an indenture dated August 18, 2000, whereby Shenandoah Operating Company, L.L.C. resigned as Unit Operator and Shenandoah Energy Inc. was designated as Successor Unit Operator for the Orangeville Unit, Emery County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 24, 2000. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Orangeville Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0969 will be used to cover all operations within the Orangeville Unit.

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

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

### Enclosure

bcc: Field Manager - Moab (w/enclosure)  
Division of Oil, Gas & Mining  
Minerals Adjudication Group U-932  
File - Orangeville Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron

UT931:TAThompson:tt:8/24/00

<b>ORANGEVILLE PP GAS</b>			
<b>Participating Area</b>	<b>MMS Number</b>	<b>LR2000 Number</b>	<b>Percent Federal</b>
UNIT	<u>891020388X</u>	<u>UTU63079X</u>	33.33%
FERRON "A" PA	<u>8910203880</u>	<u>UTU63079O</u>	0.00%
FERRON "B" PA	<u>891020388A</u>	<u>UTU63079A</u>	37.14%

*DISCLAIMER for online data: No warranty is made by the BLM for use of the data for purposes not intended by the BLM.*

## Results of query for MMS Account Number 8910203880

API Number	Operator	Well Name	Well Status	Lease or CA Number	Inspection Item	Township	Range	Section	Quarter/
4301530102	SHENANDOAH ENERGY INCORPORATED	1-36 STATE	GSI	STATE	8910203880	18S	7E	36	SESE

*DISCLAIMER for online data: No warranty is made by the BLM for use of the data for purposes not intended by the BLM.*

## Results of query for MMS Account Number 891020388A

API Number	Operator	Well Name	Well Status	Lease or CA Number	Inspection Item	Township	Range	Section
4301530179	SHENANDOAH ENERGY INCORPORATED	10-2 ORANGEVILLE STA	GSI	STATE	891020388A	19S	7E	2
4301530222	SHENANDOAH ENERGY INCORPORATED	1-11 ORANGEVILLE UNI	GSI	UTU18134	891020388A	19S	7E	11

*DISCLAIMER for online data: No warranty is made by the BLM for use of the data for purposes not intended by the BLM.*



**SHENANDOAH ENERGY INC.**

Western District – Completion & Workover Department

James A. Simonton-Completion Supervisor  
11002 E. 17500 S.  
Vernal, UT 84078  
Mobile: 435-790-5467  
Messages: 435-781-4342  
Fax: 435-781-4334

April 18, 2001

Re: Chandler & Assoc. wells  
Emery County, Utah

Mr. Edward W. Bonner  
Mineral Resources Specialist  
Utah Division of Oil, Gas & Mining  
1594 W. N. Temple, Suite 1210, Box 145801  
Salt Lake City, UT 84114-5801

Dear Mr. Bonner:

Please be advised that work was completed on the following wells between 3-26-01 and 4-4-01 by Gardner's Roustabout Service:

Orangeville Fed. 16-6 – Trash picked up. Well sign installed.	43.015.30108
Ferron Fed. 14-27 – Wellhead leak repaired.	43.015.30135
Ferron Fed. 16-20 – Road repaired.	43.015.30110

Orangeville 1-36 was plugged and abandoned on 11-30-00. Dennis Ingram of Utah OGM witnessed. A sundry notice has been filed.

If you have further questions, please don't hesitate to contact me.

Sincerely,

James A. Simonton

JAS:jep

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>See Exhibit A</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: <u>See Exhibit A</u>
2. NAME OF OPERATOR: MERRION OIL & GAS CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 610 Reilly Avenue CITY Farmington STATE NM ZIP 87401-2634 PHONE NUMBER: (505) 327-9801		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: <u>See Exhibit A</u>		8. WELL NAME and NUMBER: <u>See Exhibit A</u>
QTRQTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <u>See Exh A</u>		9. API NUMBER: <u>Exhibit A</u>
		10. FIELD AND POOL, OR WILDCAT: <u>See Exhibit A</u>
		COUNTY: <u>Emery</u>
		STATE: <u>UTAH</u>

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

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

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

Shenandoah Energy, Inc., 475 17th St., Suite 1000, Denver, CO 80202, (303) 295-0400, hereby resigns effective May 1, 2002.

SHENANDOAH ENERGY, INC.

NAME (Please Print) Gary L. Nordloh TITLE President

SIGNATURE [Signature] DATE 5/7/02

Please be advised that effective May 1, 2002, Merrion Oil & Gas Corporation, 610 Reilly Avenue, Farmington, NM 87401-2634, 505-327-9801, has assumed the operatorship of the wells described on Exhibit A attached hereto and made a part hereof. Merrion Oil & Gas Corporation is now responsible under the terms and conditions of the lease for the operations conducted upon the lease lands. Bond coverage for the lease activities is provided by NM 0803 State & Fee Bonding in process.

MERRION OIL & GAS CORPORATION

NAME (PLEASE PRINT) George F. Sharpe TITLE President Investment Mgr

SIGNATURE [Signature] DATE 5-15-02

(This space for State use only)

EXHIBIT A

Attached to and made a part of that certain Form 9, dated effective May 1, 2002, by  
SHENANDOAH ENERGY, INC. and MERRION OIL AND GAS CORPORATION

<b>Box 1</b>	<b>Box 4</b>	<b>Box 4</b>	<b>Box 5</b>	<b>Box 8</b>	<b>Box 9</b>	<b>Box 10</b>
<u>Type of Well</u>	<u>Footages at Surface</u>	<u>Q/Q/Sec/T/R/M</u>	<u>Lease Designation &amp; Serial #</u>	<u>Well Name and Number</u>	<u>API Number</u>	<u>Field and Pool</u>
Gas	1994' FNL & 1867' FEL	SWNE 12-19S-7E	UTU-18134	Ferron Fed 7-12-19-7	43-015-30257	Buzzard Bench
Gas	511' FSL & 899' FEL	SESE 9-19S-7E	UTU-69403	Ferron Fed 16-9-19-7	43-015-30256	Lone Mountain
Oil	770' FSL & 684' FEL	SESE 20-17S-8E	UT ST ML-48176	Ferron Fed 16-20-17-8	43-015-30110	Lone Mountain
Gas	1011' FNL & 520' FWL	NWNW 36-18S-7E	UT ST ML-28195	Ferron State 4-36-18-7	43-015-30253	Buzzard Bench
Gas	502' FSL & 845' FWL	NWNW 1-19S-7E	UTU-18134	Orangeville U 4-1-19-7	43-015-30221	Buzzard Bench
Oil	775' FSL & 507' FEL	SESE 6-18S-8E	UT ST ML-48265	Orangeville Fed 16-6-18-8	43-015-30108	Lone Mountain
Gas	1236' FSL & 1595' FWL	SESW 3-19S-7E	U-18897-A	Buzzard Bench Fed 3-24-19-7	43-015-30229	Buzzard Bench
Gas	2264' FNL & 1965' FWL	SESW 3-19S-7E	U-18897-A	Buzzard Bench Fed 6-3-19-7	43-015-30168	Buzzard Bench
Gas	572' FNL & 795' FEL	NENE 11-19S-7E	U-18134	Orangeville U 1-11-19-7	43-015-30222	Buzzard Bench
Gas	1992' FSL & 2073' FEL	NWSE 2-19S-7E	UT ST ML-28199	Orangeville 10-2-19-7	43-015-30179	Buzzard Bench

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 reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.  
UT ST ML-48265

6. If Indian, Allottee or Tribe Name

7. If Unit or C/A Agreement, Name and/or No.

8. Well Name and No.  
Orangeville Fed 16-6-18-8

9. API Well No.  
43-015-30108-00-00

10. Field and Pool, or Exploratory Area  
Lone Mountain

11. County or Parish, State  
Emery County, Utah

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

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator    *Merrion Oil & Gas Corporation*

3a. Address    *610 Reilly Avenue  
Farmington, NM 87401-2634*

3b. Phone No. (include area code)  
*505-327-9801*

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
*775' FSL & 507' FEL  
SESE 6-18S-8E*

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

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

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

Shenandoah Energy Inc. / Shenandoah Operating Company, LLC / Chandler & Associates, LLC / Chandler & Associates, Inc.  
475 17th St., Suite 1000, Denver, CO 80202    Phone No. 303-295-0400  
Shenandoah Energy Inc., Operator, hereby resigns effective May 1, 2002.  
**Shenandoah Energy Inc.**

**RECEIVED**

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

Name (Printed/Typed) <i>Gary L. Nordloh</i>	Title President
Signature <i>[Signature]</i>	Date <i>4-17-02</i>

MAY 28 2002  
DIVISION OF OIL, GAS AND MINING

Please be advised that effective \_\_\_\_\_, 2002, Merrion Oil & Gas Corporation is now considered to be the Operator of the following well:  
Orangeville Fed 16-6-18-8; SESE of Section 6, T18S-R8E, Lease UT ST ML-48265, Emery County, Utah  
Merrion Oil & Gas Corporation is now responsible under the terms and conditions of the Lease for the operations conducted upon the leased lands. Bond coverage is provided by BLM No. NM 0883.  
**Merrion Oil & Gas Corporation**

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

Name (Printed/Typed) <i>T. Greg Merrion</i>	Title President
Signature <i>[Signature]</i>	Date <i>4-19-02</i>

THIS SPACE FOR FEDERAL OR STATE USE

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

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

(Instructions on reverse)

Merrion Oil and Gas Corporation  
Well No. 16-9-19-7  
SESE Sec. 9, T. 19 S., R. 7 E.  
Lease UTU69403  
Grand County, Utah

CONDITIONS OF ACCEPTANCE

Acceptance of this application 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.

Be advised that Merrion Oil and Gas Corporation is considered to be the operator of the above well effective May 1, 2002, and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by NM0883 (Principal - Merrion Oil and Gas Corporation) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

**RECEIVED**

**MAY 23 2002**

**DIVISION OF  
OIL, GAS AND MINING**



---

**7. Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 06/18/2002

---

**8. Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

---

**9. Underground Injection Control ("UIC")**

The Division has approved UIC Form 5, **Transfer of Authority to Inject,**

for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 06/24/2002

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 06/24/2002

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: N/A

---

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: NM0883

---

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: N/A

---

**FEE WELL(S) BOND VERIFICATION:**

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

2. The **FORMER** operator has requested a release of liability from their bond on: N/A

The Division sent response by letter on: N/A

---

**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:**

---

---

---

---

---

---

---

---



RECEIVED

SEP 20 2010

FORM 9

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

DIV. OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER: See attached well list

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

7. UNIT or CA AGREEMENT NAME: \_\_\_\_\_

8. WELL NAME and NUMBER: See attached well list

9. API NUMBER: \_\_\_\_\_

10. FIELD AND POOL, OR WILDCAT: See attached well list

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

2. NAME OF OPERATOR: Coastal Plains Energy, Inc. N2170

3. ADDRESS OF OPERATOR: 420 Throckmorton CITY Fort Worth STATE Tx ZIP 76102 PHONE NUMBER: 817 882-9055

4. LOCATION OF WELL: FOOTAGES AT SURFACE: \_\_\_\_\_ COUNTY: Emery  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: \_\_\_\_\_ STATE: UTAH

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

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

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

See attached list

BLM Bond No UTB000213

**STATE BLANKET BOND CTCS 267895**  
**INDIVIDUAL BONDS FUZZBALL 1 TETS 899537**  
**FERRON ST 4-36-18-7 TETS 899542**  
**ORANGVILLE U 10-2 TETS 899545**

NAME (PLEASE PRINT) William R Biggs TITLE President

SIGNATURE William R Biggs DATE 9-14-10

(This space for State use only)

APPROVED 12/30/2010  
Earlene Russell  
 Division of Oil, Gas and Mining  
 Earlene Russell, Engineering Technician

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

		5. LEASE DESIGNATION AND SERIAL NUMBER:
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>NA</b>
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: <b>See Attached</b>
2. NAME OF OPERATOR: <b>Merrion Oil &amp; Gas Corporation</b>		9. API NUMBER: <b>43-015-</b>
3. ADDRESS OF OPERATOR: <b>610 Reilly Ave</b> CITY <b>Farmington</b> STATE <b>NM</b> ZIP <b>87401</b>		10. FIELD AND POOL, OR WILDCAT: <b>Buzzard Bench</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE:		COUNTY: <b>Emery</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: <b>UTAH</b>

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

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

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
**Merrion Oil & Gas Corporation has sold the attached list of wells to Coastal Plains effective 9/1/2010**

NAME (PLEASE PRINT) <u>Philana Thompson</u>	TITLE <u>Regulatory Compliance Specialist</u>
SIGNATURE	DATE <u>8/24/2010</u>

(This space for State use only)

**APPROVED** 12/30/2010

*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

**RECEIVED**  
**SEP 16 2010**  
DIV. OF OIL, GAS & MINING

N2170

LIST OF UTAH PROPERTIES SOLD TO COASTAL PLAINS ENERGY, INC EFFECTIVE JULY 1, 2010

RECEIVED

AUG 30 2010

DIV. OF OIL, GAS & MINING

WELL NAME	QTR/QTR	SECTION	TWNSHP	RANGE	API NO.	LEASE NO.	COUNTY
BUZZARD BENCH 3-24	SESW	SEC 3	19S	7E	43-015-30229	U-18897-A	EMERY
BUZZARD BENCH 6-3	SENW	SEC 3	19S	7E	43-015-30168	U-18897-A	EMERY
CAHILL 1R	SWNW	SEC 15	19S	7E	43-015-30627	U-69403	EMERY
CROWSFOOT 1R	SENE	SEC 9	19S	7E	43-015-30613	U-69403	EMERY
FERRON FEDERAL 16-9	SESE	SEC 9	19S	7E	43-015-30256	U-69403	EMERY
<del>FERRON FEDERAL 16-20</del>	<del>SESE</del>	<del>SEC 20</del>	<del>17S</del>	<del>8E</del>	<del>43-015-30110</del>	<del>ML 48176</del>	<del>EMERY</del>
FERRON FEDERAL 7-12	SWNE	SEC 12	19S	7E	43-015- <sup>30257</sup> <del>30254</del>	U-18134	EMERY
FERRON STATE 4-36	NWNW	SEC 36	18S	7E	43-015-30253	ML-28195	EMERY
FUZZBALL 1	SWNW	SEC 2	19S	7E	43-015-30557	ML-28199	EMERY
HUMPY 1	SWNE	SEC 3	19S	7E	43-015-30348	U-51015	EMERY
KLINKHAMMER 1	NENW	SEC 34	18S	7E	43-015-30610	U-72356	EMERY
ORANGEVILLE 1-11	NENE	SEC 11	19S	7E	43-015-30222	U-18134	EMERY
ORANGEVILLE 16-6	SESE	SEC 6	18S	8E	43-015-30108	ML-48777 ✓	EMERY
ORANGEVILLE 4-1	NWNW	SEC 1	19S	7E	43-015-30221	U-18134	EMERY
ORANVEVILLE 10-2	NWSE	SEC 2	19S	7E	43-015-30179	<sup>ML 28199</sup> <del>U-18134</del>	EMERY
SPARKLE DUN 1	NENE	SEC 16	19S	7E	43-015-30615	ML-49168	EMERY

Plugged  
8/23/2007

PUMP AND DEHYDRATOR



August 24,2010

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

Ladies & Gentlemen:

Effective date July 1,2010 Merrion Oil & Gas Corp. sold all of its interest in the Buzzard Bench Field. The New operator and owner: Coastal Plains Energy,Inc. 420 Throckmorton, Suite 630 Fort Worth, Texas 76102. Merrion Oil & Gas will no longer be reporting production and revenue for these wells. Also Severance Tax reports and Conservation reports will not be filed after the effective date of sale.

A List of the wells has been included with a Form 9.

Respectfully,  
Merrion Oil & Gas Corp.

A handwritten signature in cursive script, appearing to read "Wayne", is written in black ink.

Wayne O'berg  
Staff Accountant

**RECEIVED**  
**AUG 30 2010**  
DIV. OF OIL, GAS & MINING

610 Reilly Avenue  
Farmington, NM 87401  
main 505-324-5300  
fax 505-324-5350

43 015 30108  
 Orangeville Fed 16-6  
 T18S R8E Sec 6

serb\_reggpr\_snap\_payhis - Windows Internet Explorer  
 http://168.178.199.154/publmstest/bsys\_ser\_regpg\_payhis.jsp?lseclass=ml&senbr=48777&lseuffix=

## Trust Lands Administration

Serial Register Page for Contract: ML 48777

---

Contract: ML 48777

Lease: ML 48777.0    Status: Active    Lease Type: OIL GAS & HYDROCARBON    Acres: 631.36

Lessee: XTO ENERGY INC

Date Approved: Aug 8 2001    Term: 10    Royalty Rate: 12.50000000

Date Cancelled: Aug 8 2001    Start Date: Aug 8 2001    End Date: Aug 8 2001

Address: REVENUE DEPARTMENT 110 WEST 7TH STREET FORT WORTH TX 761027018

---

Legal Description:

TRS	County	Bene	Type	Layer	Acres
T18.0S R8.0 E S6 SL	EMRY	MULT	Use	O&G	631.36
Legal Desc: LOTS 3(40.87), 4(38.10), 5(38.11), 6(38.21), 7(38.52), 8(38.93), 9(38.72), S2NE4, SE4NW4, E2SW4, SE4 [ALL]					
					Total Acres: 631.36

---

Participation Description:

Interest Type	1	RECORD TITLE		
Company	XTO ENERGY INC		Lessee Interest:	59.332000000000
REVENUE DEPARTMENT 110 WEST 7TH STREET, FORT WORTH, TX USA 761027018				
Interest Type	1	RECORD TITLE		
Company	COASTAL PLAINS ENERGY INC		Lessee Interest:	41.667000000000
SUITE 630 420 THROCKMORTON, FORT WORTH, TX USA 761023723				
				Total for Level 1 100.00

Done    Internet    95%

start    Novell-deli...    Windows ...    OIL & GAS...    Microsoft ...    43015301...    2 Intern...    10:25 AM

12/30/2010



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 3, 2011

CERTIFIED MAIL NO.: 7005 1820 0001 5562 7753

Mr. Fred Reynolds  
Coastal Plains Energy Inc.  
420 Throckmorton, Suite 630  
Fort Worth, TX 76102-3723

43 015 30108  
Orangeville Fed 16-6-18-8  
18S 8E 6

Subject: **SECOND NOTICE: Extended Shut-in and Temporarily Abandoned Well Requirements for Wells on Fee or State Leases**

Dear Mr. Reynolds:

As of January 2011, Coastal Plains Energy Inc. (Coastal) has four (4) Fee Lease Wells and four (4) State Lease Wells (see Attachment A) that are in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Wells SI/TA beyond twelve (12) consecutive months require the filing of a Sundry Notice in accordance with R649-3-36-1 for Utah Division of Oil, Gas & Mining (Division) approval. Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (R649-3-36-1.3.3).

On July 28, 2008 a notice was sent to Coastal via certified mail addressing the non-compliance status of City of Price 1 and Utah Penn Chiaretta 1 wells. Two other written communications dated December 23, 2008 and February 25, 2009 were sent and received concerning said wells. A sixty day extension was given through September 30, 2009 to allow Coastal time to bring wells back on production. On March 2, 2009 a notice was sent to Coastal addressing the non-compliance status of Ferron 217-10-1 well. An extension was also given through September 30, 2009 to allow Coastal time for possible horizontal drilling. Orangeville 10-2 and Fuzzball 1 wells were acquired from Merrion Oil and Gas Corp (Merrion.) When Coastal assumed said wells, also assumed was responsibility of SI/TA compliance issues. These wells had been addressed twice with Merrion and had been given SI/TA extension until October 1, 2010 prior to Coastal taking responsibility. To date the Division has not received required information from Coastal to keep above listed wells in compliance after expiration of approved extensions.

Page 2

Coastal Plains Energy Inc.

March 3, 2011

This is also a **FIRST NOTICE** for wells: Orangeville Fed 16-6-18-8, Ferron St 4-36-18-7, and Ferron 217-10-1 as they have recently been added to Coastal's non-compliance list. Please submit the required information for extended SI/TA status within 30 days of this notice or further actions will be initiated

For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

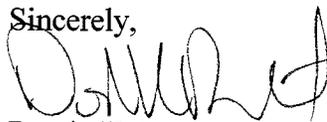
Please note that the Divisions preferred method for showing well integrity is by MIT

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet  
Petroleum Engineer

DKD/JP/js

Enclosure

cc: Compliance File

Well File

LaVonne Garrison, SITLA

# ATTACHMENT A

	Well Name	API	LEASE	Years Inactive
<b>2<sup>ND</sup> NOTICE</b>				
1	CITY OF PRICE 1	43-007-30090	FEE	27 Years 11 Months
2	UTAH PENN CHIARETTA 1	43-007-30063	FEE	28 Years 2 Months
3	FERRON 217-10-1	43-015-30616	FEE	4 Years 10 Months
4	ORANGEVILLE 10-2	43-015-30179	ML-28199	3 Years 3 Months
5	FUZZBALL 1	43-015-30557	ML-28199	2 Years 3 Months
<b>1<sup>ST</sup> NOTICE</b>				
→ 6	ORANGEVILLE FED 16-6-18-8	43-015-30108	ML-48777	28 Years 7 Months
7	FERRON ST 4-36-18-7	43-015-30253	ML-28195	3 Years 3 Months
8	FERRON 217-10-1	43-015-30616	FEE	4 Years 10 Months



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

April 07, 2011

CERTIFIED MAIL NO.: 7005 1820 0001 5562 8002

Mr. Fred Reynolds  
Coastal Plains Energy Inc.  
420 Throckmorton, Suite 630  
Fort Worth, TX 76102-3723

43 015 30108  
Orangerville Fed 166-18-8  
18S 8E 6

Subject: Extended Shut-in and Temporarily Abandoned Well Requirements for Wells on Fee or State Leases

Dear Mr. Reynolds:

The Division of Oil, Gas and Mining (Division) is in receipt of your letter dated March 29, 2011 (received by the Division on 4/4/2011) in regards to the three (3) Fee Lease wells and four (4) State Lease Wells that are currently shut-in or temporarily abandoned (SI/TA) and in non compliance status as operated by Coastal Plains Energy, Inc (Coastal Plains).

In response to your request to for extended SI/TA status for the above mentioned subject wells, the Division is unable to grant any approvals due to lack of evidence provided by Coastal Plains regarding well integrity. No evidence was received per R649-3-36-1.3 providing proof of integrity showing the well is not a potential risk to public health and safety or the environment. The Divisions preferred method of demonstrating well integrity is to perform an MIT. Please submit the necessary information to bring these wells back into compliance.

For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).



Page 2

Coastal Plains Energy Inc.

April 07, 2011

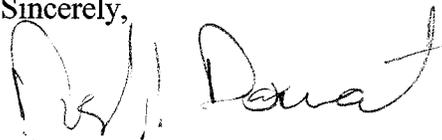
Please note that the Divisions preferred method for showing well integrity is by MIT

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet  
Petroleum Engineer

DKD/JP/js

Enclosure

cc: Compliance File

Well File

LaVonne Garrison, SITLA

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

# ATTACHMENT A

	Well Name	API	LEASE	Years Inactive
<b>2<sup>ND</sup> NOTICE</b>				
1	CITY OF PRICE 1	43-007-30090	FEE	27 Years 11 Months
2	UTAH PENN CHIARETTA 1	43-007-30063	FEE	28 Years 2 Months
3	FERRON 217-10-1	43-015-30616	FEE	4 Years 10 Months
4	ORANGEVILLE 10-2	43-015-30179	ML-28199	3 Years 3 Months
5	FUZZBALL 1	43-015-30557	ML-28199	2 Years 3 Months
<b>1<sup>ST</sup> NOTICE</b>				
→ 6	ORANGEVILLE FED 16-6-18-8	43-015-30108	ML-48777	28 Years 7 Months
7	FERRON ST 4-36-18-7	43-015-30253	ML-28195	3 Years 3 Months

**COASTAL PLAINS ENERGY, INC.**

420 THROCKMORTON, SUITE 630  
FORT WORTH, TEXAS 76102-3723

817-882-9055  
Fax 817-336-3223

March 29, 2011

Mr. Dustin Doucet  
State of Utah  
Department of Natural Resources  
P. O. Box 145801  
Salt Lake City, UT 84114-5801

43 015 30108  
Orangeville Fed 16-6-18-8  
185 8E 6

Dear Mr. Doucet:

Pursuant to your letter dated March 3, 2011, copy attached, Coastal Plains Energy, Inc. submits the following:

**Shut-in Wells**

1. **City of Price No. 1 (API No. 43-007-30090)**
2. **Utah Penn Chiaretta No. 1 (API No. 43-007-30063)**  
The City of Price No. 1 and the Utah Penn Chiaretta No. 1 wells are currently shut in awaiting gas market. Coastal Plains Energy, Inc. has expended over \$300,000 in acquiring the aforementioned wellbores, oil and gas leases, and building a gathering system to connect the wells to the Questar pipeline approximately 5 miles east of the wells. Questar has quoted  $\pm$ \$100,000 for only setting the sales metering station as the tap is already in place. This cost is more than five times what Coastal Plains could set a sales meter for; therefore, we are at an impasse to delivering the gas into Questar's pipeline. We are currently exploring using the gas to generate electricity and selling electricity into Rocky Mountain Power located at our gathering system. We anticipate having the City of Price No. 1 and Utah Penn Chiaretta No. 1 producing gas within 12 months.
3. **Ferron 217-10-1 (API No. 43-015-30616)**  
The Ferron 217-10-1 was spudded on September 9, 2005 and is located in the NW/4 of Section 10, T21S, R7E. The well was drilled to 1,135' and encountered the Upper, Middle, and Lower Ferron Sands. Gas shows were encountered while drilling through all three sand members. Even though the resistivity log characteristics displayed that the Ferron Sands were wet (high water saturation), we concluded that the low resistivity was due to low reservoir pressure and

**RECEIVED**

**APR 04 2011**

**DIV. OF OIL, GAS & MINING**

Mr. Dustin Doucet  
March 29, 2011  
Page 2

invasion of the KCL (potassium chloride) water needed to load the air drilled hole. All three Ferron Sands were perforated and fracture stimulated. The well was connected to the gathering system but has never been able to sell gas into the system. Due to the low reservoir pressure, we invested in a vacuum compressor that we set at the wellhead to pull a vacuum on the well and attempt to produce gas into the gathering system. This method was not successful in assisting the well to produce gas. In 2008, we employed a contract geologist, Mr. John Adamson of Salt Lake City, to give us his independent interpretation of the Ferron Field. Mr. Adamson was a consulting geologist for Mountain Resources Corporation when Mountain Resources' drilled the "MRC" wells in the Ferron Field. Mr. Adamson's interpretation of the Ferron Field shows multiple faults through the field that were not in our original geological interpretation of the field. In the case of the Ferron 217-10-1 well, there must be a series of faults that has created a limited reservoir in the area where this well along with the plugged and abandoned MRC No. 2 well are located. The MRC No. 2 only produced 116 MMcf from the Lower Ferron Sand (1,019'-1,029') and was plugged and abandoned. We originally thought that the MRC No. 2 had mechanical problems as the well was located in the center of the South Ferron Field and should have produced at least  $\pm 300$  MMcf of gas. The Ferron 217-10-1 is currently shut in. We are exploring the potential and economics of drilling a short radius, horizontal, lateral from this cased wellbore into the Upper Ferron Sand when the gas price warrants such an operation. The wellbore has no fluid in it and has always contained dry natural gas, when swabbed or blown down. We respectfully request a 24-month extension to the SI/TA status.

4. **Orangeville 10-2 (API No. 43-015-30179)**

The Orangeville 10-2 well is currently shut in and temporarily abandoned (SI/TA) with a cast iron bridge plug and pickling fluid in September 2009 per the Department of Natural Resources instructions. We respectfully request the SI/TA status be extended an additional 24 months.

5. **Fuzzball No. 1 (API No. 43-015-30557)**

The Fuzzball No. 1 well is currently shut in and temporarily abandoned (SI/TA) with a cast iron bridge plug and pickling fluid in September 2009 per the Department of Natural Resources instructions. We respectfully request the SI/TA status be extended an additional 24 months.

→ 6. **Orangeville Fed 16-6-18-8 (API No. 43-015-30108)**

The Orangeville Fed 16-6-18-8 well is currently shut in, and it is Coastal Plains Energy, Inc.'s intent to place this well on a pumping unit in 2011. Prior tests of this well produced oil with a small amount of gas.

Mr. Dustin Doucet

March 29, 2011

Page 3

7. **Ferron State 4-36-18-7 (API No. 43-015-30253)**

The Ferron State 4-36-18-7 well is currently shut in and since taking over operations of this well in September 2010 Coastal Plains Energy, Inc. has explored possible stimulation procedures and intends to return the well back to production. Coastal Plains Energy, Inc. respectfully requests the SI/TA status be extended an additional 12 months.

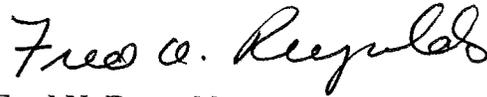
8. **Ferron 217-10-1 (API No. 43-015-30616)**

This well was previously discussed in Section 3.

Thank you for your attention to the aforementioned matters. If you have any questions or wish to discuss further, please call the undersigned.

Very truly yours,

**COASTAL PLAINS ENERGY, INC.**



**Fred N. Reynolds**

FNR/cf

Encl.

ferronfieldwellstatus.cpe

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-48777</b>
2. NAME OF OPERATOR: <b>Coastal Plains Energy, Inc.</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: <b>420 Throckmorton, Ste 630</b> CITY: <b>Ft Worth</b> STATE <b>TX</b> ZIP <b>76102-3723</b> PHONE NUMBER: <b>817 882-9055</b>		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>775' FSL &amp; 507' FEL</b> QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SESE 6 18S 8E</b>		8. WELL NAME and NUMBER: <b>Orangeville Fed 16-6-18-8</b>
		9. API NUMBER: <b>43-015-30108</b>
		10. FIELD AND POOL, OR WILDCAT: <b>Buzzard Bench</b>
		COUNTY: <b>Emery</b>
		STATE: <b>UTAH</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <b>05/03/2011</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

**This well was shut in in August 1983. It is Coastal Plains Energy, Inc.'s intent to restore production from the current perforations, 2976'-2982' on or before August 1, 2011. Coastal Plains Energy, Inc. will run a rod pump and sucker rods, set a pumping unit, and test the well for 90 days to determine if economic.**

COPY SENT TO OPERATOR  
Date: AUG 08 2011  
Initials: KS

NAME (PLEASE PRINT) <b>Fred N. Reynolds</b>	TITLE <b>Petroleum Engineer</b>
SIGNATURE <i>Fred N. Reynolds</i>	DATE <b>05/03/2011</b>

(This space for State use only) **APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING**  
DATE: 8/3/2011  
BY: [Signature]  
(5/2000) (See Instructions on Reverse Side)

**RECEIVED**  
**MAY 12 2011**  
**DIV. OF OIL, GAS & MINING**

# Wellbore Schematic

## Orangeville 16-6

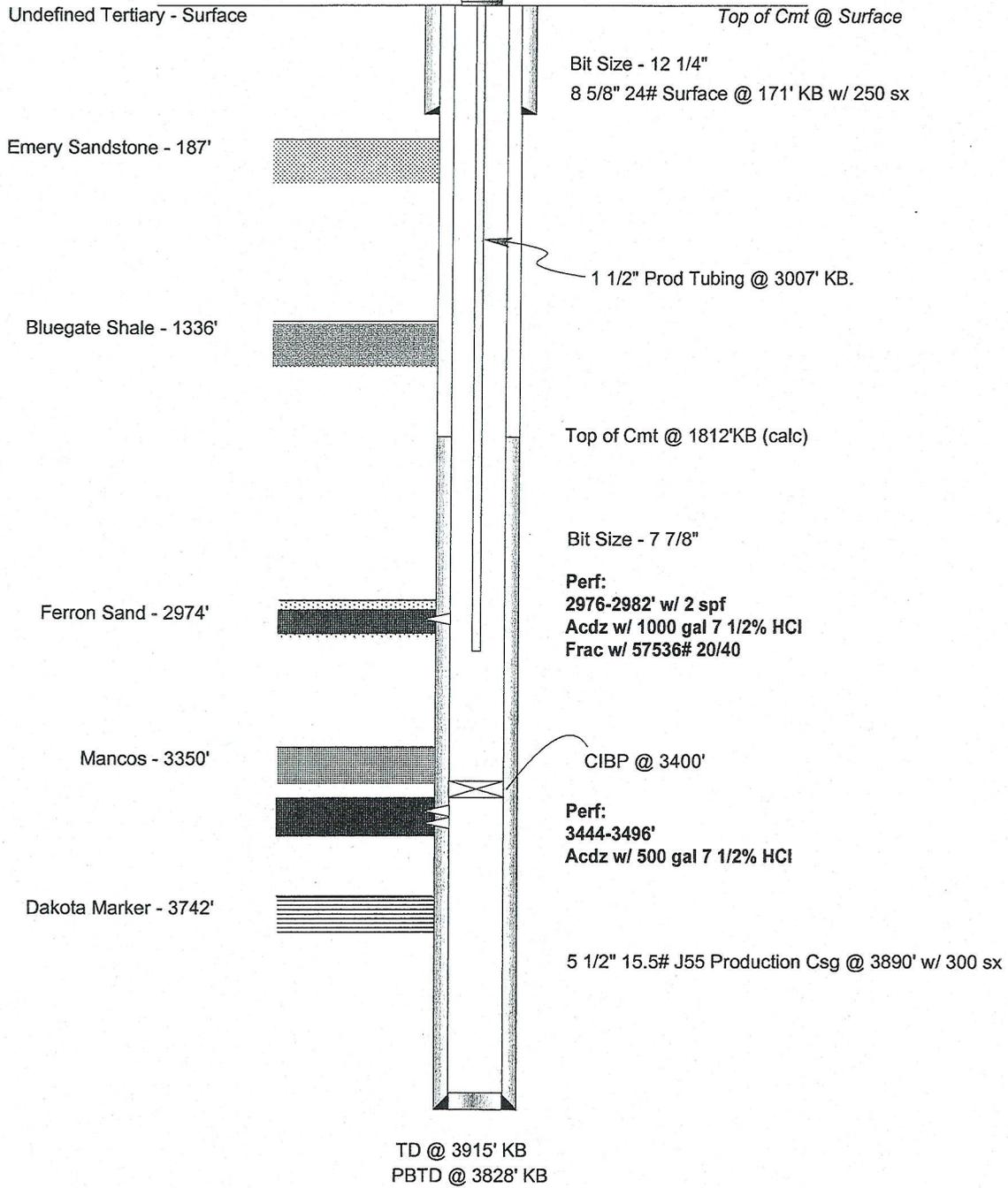
### Current Wellbore Configuration

Location: 507' FEL, 775' FSL (SE SE)  
 Sec 6, T18S, R8E  
 Emery County, Utah

Elevation: 6434' GL  
 6446' RKB

Date: May 16th, 2005

Prepared by: Anthony W. Kent





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

November 26, 2012

CERTIFIED MAIL NO.: 7010 1670 0001 4810 3577

Mr. Fred Reynolds  
Coastal Plains Energy Inc.  
420 Throckmorton, Suite 630  
Fort Worth, TX 76102-3723

43 015 30108  
Orangeville Fed 16-6-18-8  
185 SE 6

Subject: SECOND NOTICE: Extended Shut-in and Temporarily Abandoned Well Requirements for Wells on Fee or State Leases

Dear Mr. Reynolds:

As of January 2012, Coastal Plains Energy Inc. (Coastal) has three (3) Fee Lease Wells and four (4) State Lease Wells (see Attachment A) that are in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Wells SI/TA beyond twelve (12) consecutive months requires the filing of a Sundry Notice in accordance with R649-3-36-1 for Utah Division of Oil, Gas & Mining (Division) approval. Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (R649-3-36-1.3.3).

On July 28, 2008, a notice was sent to Coastal via certified mail addressing the non-compliance status of City of Price 1 and Utah Penn Chiaretta 1 wells. Two other written communications dated December 23, 2008, and February 25, 2009, were sent and received concerning said wells. A sixty day extension was given through September 30, 2009, to allow Coastal time to bring wells back on production. On March 2, 2009, a notice was sent to Coastal addressing the non-compliance status of Ferron 217-10-1 well. An extension was also given through September 30, 2009, to allow Coastal time for possible horizontal drilling. Orangeville 10-2 and Fuzzball 1 wells were acquired from Merrion Oil and Gas Corp (Merrion.) When Coastal assumed said wells, also assumed was responsibility of SI/TA compliance issues. These wells had been addressed twice with Merrion and had been given SI/TA extension until October 1, 2010, prior to Coastal taking responsibility. In March 2011 the Division sent another notice of non-compliance for all wells listed on attachment A to Coastal via certified mail on March 3, 2011. Coastal responded March 29, 2011, requesting SI/TA extension for these wells. This request was denied by the Division on April 7, 2011, due to the lack of evidence provided by Coastal concerning well integrity. The Division had additional communications with Coastal in January 2012, requesting sundries detailing plans and status for said wells.

Page 2

Coastal Plains Energy Inc.

November 26, 2012

To date the Division has not received the required information nor seen any progress being made to move these wells out of non-compliance status.

For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

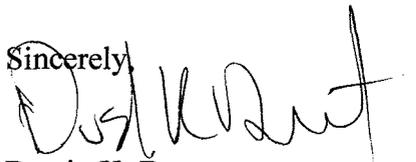
Please note that the Divisions preferred method for showing well integrity is by MIT

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet  
Petroleum Engineer

DKD/JP/js

cc: Compliance File  
Well File

LaVonne Garrison, SITLA

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

# ATTACHMENT A

	<b>Well Name</b>	<b>API</b>	<b>LEASE</b>	<b>Years Inactive</b>
<b>Reissued 2<sup>ND</sup> NOTICE</b>				
1	CITY OF PRICE 1	43-007-30090	FEE	28 Years 11 Months
2	UTAH PENN CHIARETTA 1	43-007-30063	FEE	29 Years 2 Months
3	FERRON 217-10-1	43-015-30616	FEE	5 Years 10 Months
4	ORANGEVILLE 10-2	43-015-30179	ML-28199	4 Years 3 Months
5	FUZZBALL 1	43-015-30557	ML-28199	3 Years 3 Months
<b>2<sup>nd</sup> NOTICE</b>				
6	ORANGEVILLE FED 16-6-18-8	43-015-30108	ML-48777	29 Years 7 Months
7	FERRON ST 4-36-18-7	43-015-30253	ML-28195	4 Years 3 Months

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-48777</b>
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: <b>Orangeville Fed 16-6-18-8</b>
2. NAME OF OPERATOR: <b>Coastal Plains Energy, Inc.</b>		9. API NUMBER: <b>43-015-30108</b>
3. ADDRESS OF OPERATOR: <b>420 Throckmorton, Ste 630</b> CITY <b>Fort Worth</b> STATE <b>TX</b> ZIP <b>76102-3723</b>		10. FIELD AND POOL, OR WILDCAT: <b>Buzzard Bench</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>775' FSL &amp; 507' FEL</b>		COUNTY: <b>Emery</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SE/SE Section 6 Township 18S, Range 8E</b>		STATE: <b>UTAH</b>

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

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

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

**09/11/12 MIR & RU.**

**09/12/12 POOH w/1-1/2" tbg & LD. RIH w/5-1/2" csg scraper on 2-3/8" tbg to 3,045'. POOH. RIH w/2-3/8" tbg & set @ 3,049'. Made 6 swab runs. IFL 400', FFL 1,600'.**

**09/13/12 Made 2 swb runs. IFL 1,000', FFL 1,200'. RIH w/pump & rods. Hang off polish rod. Checked pump action. Shut in well. Will resume operations in April 2013 to build temporary tank battery & test well.**

NAME (PLEASE PRINT) <u>Fred N. Reynolds</u>	TITLE <u>Petroleum Engineer</u>
SIGNATURE <u><i>Fred N. Reynolds</i></u>	DATE <u>02/19/2013</u>

(This space for State use only)

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

**RECEIVED**  
**FEB 25 2013**  
DIV. OF OIL, GAS & MINING

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

**COASTAL PLAINS ENERGY, INC.**

420 THROCKMORTON, SUITE 630  
FORT WORTH, TEXAS 76102-3723

817-882-9055  
FAX 817-336-3223

February 22, 2013

Mr. Dustin K. Doucet  
State of Utah Department of Natural Resources  
P. O. Box 145801  
Salt Lake City, UT 84114-5801

Re: **Sundry Notices**

Dear Mr. Doucet:

Pursuant to your letter dated November 26, 201, copy attached, Coastal Plains Energy, Inc. has determined its plans for the wells referenced in your letter, and enclosed herein are the Sundry Notices of Coastal Plains Energy Inc.'s notice of intent for each of the wells.

If you have any questions or wish to discuss further, please call the undersigned at 817 336-1742.

Very truly yours,

**COASTAL PLAINS ENERGY, INC.**

  
Fred N. Reynolds

FNR/cf

Encls.

UTSundryNotices.cpe

**RECEIVED**

**FEB 25 2013**

**DIV. OF OIL, GAS & MINING**



Dustin Doucet &lt;dustindoucet@utah.gov&gt;

## Coastal Plains-Utah SI Wells

1 message

**FRED REYNOLDS** <freynolds@coplains.com>

Thu, Dec 6, 2012 at 3:23 PM

To: Dustin Doucet <dustindoucet@utah.gov>

Cc: Michael Sleem <mike.sleem@cox.net>, Chris Biggs <chris.n.biggs@gmail.com>, "HANS ABRAHAMSEN SR." <hlabrahamsensr@hotmail.com>, info@geopinion.com

Dustin-I have received your letter dated November 26, 2012, copy attached, and by this email will address the status and future of each well referenced in the subject letter. I apologize as I cannot find the letter of communication in January of this year, but it was probably misplaced on our end. Following your review of the status and plans for each of these wells, please advise as to your recommendation and/or approval of each and we will prepare the necessary Sundry Notices.

### City of Price No. 1 (API 430-007-30090)

Prior MIT test 6/23/2009, Fluid Level @518' (Perfs:553-1,321 Ferron & Tununk) This well was tested for 10 days in September 2012 and tested dry gas at a stabilized rate of 40 mcfd., FTP-25psig. → Csg test in Sept.?  
Csg Press?  
Press since MIT

### Utah Penn Chiaretta No. 1 (API 430-007-30063)

Prior MIT test 6/23/2009, Fluid Level @640' (Perfs:1198-1204 Dakota) In September 2009 we 1" cement between the 9 5/8" and 4 1/2" casings and filled the annulus to surface with cement. Following this cement job we made 2 swab runs down the tubing and the well had no fluid. This well was tested for 10 days in September 2012 and tested dry gas at a stabilized rate of 10 mcfd., FTP-25psig.

\*The City of Price No. 1 and Utah Penn Chiaretta No. 1 wells we hope to have producing by the fourth quarter of 2013. We are in the process of re-leasing offset acreage to these two wells and drilling two new wells to complete in the Tununk and Dakota formations. With the added volumes, we can somewhat justify the expense (\$140,000) of setting a Questar meter (this cost is not even a Tap fee) at our existing TAP in the Miller Creek Field. We respectfully request the Utah DOGM to allow these wells to remain shut-in without any further expense at least thru 2013.

### Ferron 217-10-1 (API 43-015-30616)

Prior MIT test 6/17/2011, (Perfs 886-894 Ferron) Ran PKR in hole to 850' and pressure tested annulus to 1000 psig and held pressure.

This well is in the center of the south structure of the Ferron Field. It is unexplainable as to why this well is incapable of gas production other than it is limited in size and separated from the rest of the field by faulting (not sure if this is a viable explanation) or the original frac job created a capillary force of completion fluids problem and not allowing gas to flow to the wellbore. Either scenario, this wellbore is a sound candidate to test short curvature radial drilling and drill four 200' to 300' horizontal laterals in four directions and see if we can establish flow from these short open hole laterals. If this method is successful in establishing production and the economics warrant, it could open up using this process on other wells in the field to

increase gas production. As you know, the gas price environment has not been conducive to spending money in a stripper field such as this. We will try to budget this operation in the third quarter of 2013.

**Orangeville 10-2 (API 43-015-30179)**

This well was TAd on 9/14/2009, CIBP was set at 2206'w/cement on top. We performed an MIT test on June 17, 2011 and tested to 1000 psig and held. We plan to P&A this well and remediate the location in the second or third quarter of 2013. **(Individual well bond is posted on this well.)**

PA

**Fuzzball No. 1 (API 43-015-30557)**

This well was TAd on 9/14/2009, CIBP was set at 2330'w/cement on top. We performed an MIT test on June 17, 2011 and tested to 1000 psig and held. We plan to P&A this well and remediate the location in the second or third quarter of 2013. **(Individual well bond is posted on this well.)**

PA

**Orangeville Federal 16-6-18-8 (API 43-015-30108)**

In June 2011, we moved in a completion rig and ran a scrapper across the perfs, set tubing at 3049' (perfs:2976-2982')and ran pump and rods. In the first quarter of 2013 we plan on setting a temporary tank battery and test the well via rod pump for 90 days. If productive we will construct a permanent tank battery. This well in the past tested oil and a slight amount of gas, we will use the gas to run the engine on the pumping unit

Prod. 1<sup>st</sup> Qtr

**Ferron State 4-36-18-7 (API 43-015-30253)**

Sundry Notice was filed on May 3, 2011, stating that we will restore production. In our attempt to restore production we found that the rod pump needed to be pulled. The well is on top of an escarpment and we did not want to expend the funds to move a rig in and pull the well. In the second quarter of 2013, we plan on moving a rig in and pulling the rods and pump and put the well on plunger. We will be able to use the pumping unit on another well in the field. **(Individual well bond is posted on this well.)**

Prod 2<sup>nd</sup> Qtr

Thank you in advance for your advice and recommendations on these wells.

Fred N. Reynolds

420 Throckmorton, Suite 630

Fort Worth, TX. 76102

Office:817-336-1742

Fax:817-336-3223

 File0095.PDF  
1712K

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-48777
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7.UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> ORANGEVILLE FED 16-6-18-8
<b>2. NAME OF OPERATOR:</b> COASTAL PLAINS ENERGY INC	<b>9. API NUMBER:</b> 43015301080000
<b>3. ADDRESS OF OPERATOR:</b> 420 Throckmorton Street, Suite 630 , Fort Worth , TX, 76102	<b>PHONE NUMBER:</b> 817 882-9055 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0775 FSL 0507 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 06 Township: 18.0S Range: 08.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> BUZZARD BENCH  <b>COUNTY:</b> EMERY  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 9/15/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> <b>PLUG AND ABANDON</b>	<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 type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The well is uneconomic and currently shut in. Coastal Plains Energy, Inc. intends to plug and abandon the well. Please see the attached Plug & Abandon Procedure and Wellbore Diagram.

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

**Date:** August 21, 2014

**By:** 

**Please Review Attached Conditions of Approval**

<b>NAME (PLEASE PRINT)</b> Christopher N. Biggs	<b>PHONE NUMBER</b> 405 601-5446	<b>TITLE</b> President
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/30/2014	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Sundry Conditions of Approval Well Number 43015301080000**

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. All balanced plugs shall be tagged to ensure they are at the depths specified in the procedure.**
  - 3. All annuli shall be cemented from a minimum depth of 100' to the surface.**
  - 4. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
  - 5. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 6. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 7. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

8/6/2014

# Wellbore Diagram

r263

**API Well No:** 43-015-30108-00-00 **Permit No:**  
**Company Name:** COASTAL PLAINS ENERGY INC  
**Location:** Sec: 6 T: 18S R: 8E Spot: SESE  
**Coordinates:** X: 494877 Y: 4347933  
**Field Name:** BUZZARD BENCH  
**County Name:** EMERY

**Well Name/No:** ORANGEVILLE FED 16-6-18-8

## String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOL1	171	12.25		
SURF	171	8.625	24	171
HOL2	3890	7.875 x 5/2" w/10%		(0.2407) → 4.1537
PROD	3890	5.5 x 8 5/8"	15.5	3890 (0.1926) → 5.92
CIBP	3400	5.5	(0.1336)	7.483
T1	3049	2.375		

Plug # 2

INSIDE:  $230' / (1.18 \times 0.1336) = 265X$

OUTSIDE

$5/2" \times 8 5/8" \ 171' / (1.18 \times 0.1926) = 285X$

$5/2" \times 7 3/8" \ 59' / (1.18 \times 0.2407) = 125X$

66 SX  
 Proposed: 125 SX  
 TOC @ SFC ✓.K.

## Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	3890	1812	UK	300
SURF	171	0	UK	250

## Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
2976	2982			
3444	3496			

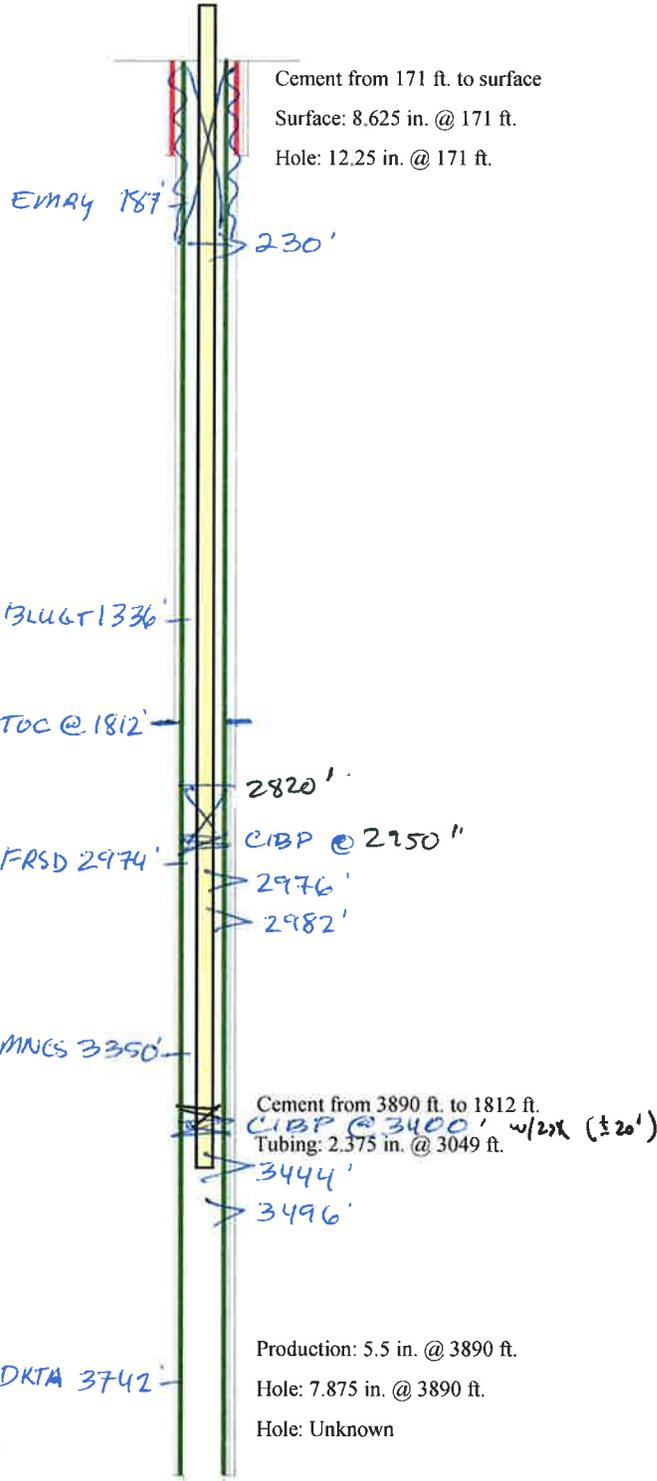
## Formation Information

Formation	Depth
EMRY	187
BLUGT	1336
FRSD	2974
MNCS	3350
DKTA	3742

Plug # 1

$(155X) \times (1.18) \times (7.483) = 132'$

TOC @ 2820'  
 ✓.K.



**TD:** 3915 **TVD:** **PBTD:** 3828

## PLUG & ABANDON PROCEDURE

**Coastal Plains Energy, Inc.**  
**Orangeville Federal 16-6-18-8**  
**SE/SE Section 6, T18S, R8E**  
**Emery County, Utah**

**Surf Csg:** 8-5/8", 24 lb/ft, J-55 csg @ 171'. Csg cmtd w/250 sx cmt to surf.  
**Prod Csg:** 5-1/2", 15.5 lb/ft LTC csg @ 3,890'. Csg cmtd w/300 sx. Cmt top  $\pm$ 1,800'.  
**Perfs:** 2,976'-2,982'  
3,444'-3,496' (CIBP @ 3,400')  
**Tbg:** 2-3/8", 4.7 lb/ft J-55 set @  $\pm$ 2,205'  
**K.B.:** 6,446'  
**G.L.:** 6.434'  
**Current Status:** Shut in

1. Notify both Utah Division of Oil, Gas & Mining at 801-538-5281 and BLM at 435 781-4490, 48 hrs in advance of pending operations.
2. ND WH, NU BOP.
3. POOH 2-3/8" tbg.
4. RU wireline. Run gauge ring to 2,960'. Set CIBP @ 2,950'.
5. RIH w/2-3/8" tbg open ended to 2,950'. Tag CIBP & PU 1'
6. **PLUG #1:** Mix 15 sx cmt (15.6 ppg, 1.18 cuft/sk) & spot a 130' balanced plug inside the 5-1/2" csg from 2,950'-2,820'.
7. POOH & LD 2-3/8" tbg.
8. RU wireline. RIH & perf the 5-1/2" csg @ 230' w/3 spf. POOH w/wireline. ND BOP.
9. Open the 5-1/2" x 8-5/8" bradenhead vlv. Tie cmt pmp onto 5-1/2" csg. Load hole & establish circ w/wtr.
10. **PLUG #2:** Mix 125 sx cmt (15.6 ppg, 1.18 cuft/sk) & pmp it down the 5-1/2" csg & circ cmt up the 5-1/2" x 8-5/8" annulus. (The entire 5-1/2" csg & 5-1/2" x 8-5/8" annulus will be filled w/cmt from 230' back to surf.) Volume of cmt equals 25% excess.
11. Monitor well for cmt fall back & top off if necessary.
12. Cut off WH below surf csg. Install P&A marker. Release rig.
13. The location will have to be reclaimed since no further activity is planned on this well pad.

# Wellbore Schematic

## Orangeville 16-6

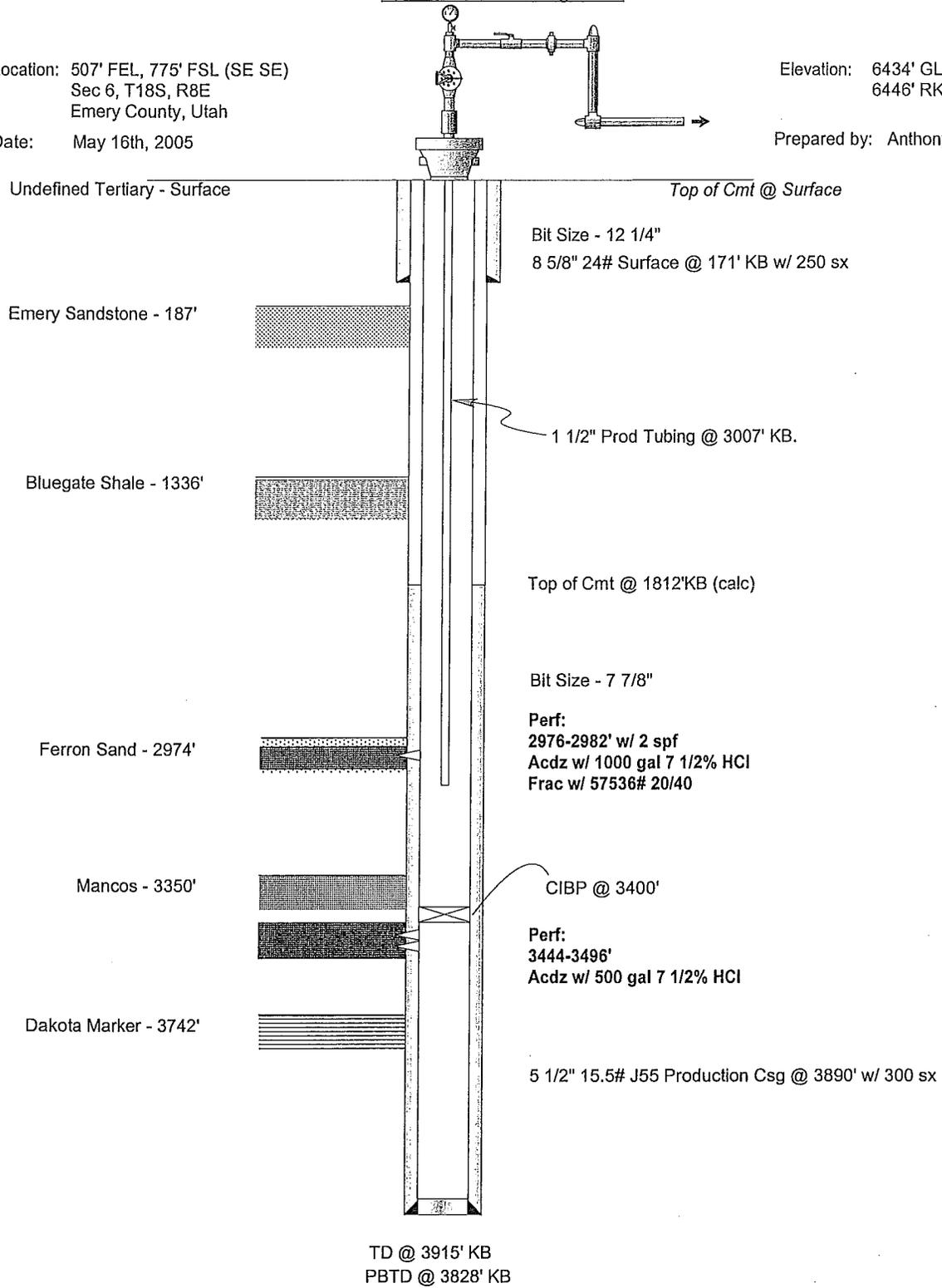
### Current Wellbore Configuration

Location: 507' FEL, 775' FSL (SE SE)  
Sec 6, T18S, R8E  
Emery County, Utah

Date: May 16th, 2005

Elevation: 6434' GL  
6446' RKB

Prepared by: Anthony W. Kent





UTAH DEPARTMENT OF NATURAL RESOURCES  
Division of Oil, Gas & Mining  
Oil and Gas Program  
1594 West North Temple, Suite 1210, Box 145801  
Salt Lake City, UT 84114-5801  
(801) 538-5340 Phone  
(801) 359-3940 Fax

These wells are in violation of R-649-3-36 as stated above, therefore the Division requires Coastal Plains to plug these wells or meet the requirements showing good cause and wellbore integrity. The Division also requires Coastal Plains to put up full cost bonding for the wells in violation above per R649-3-4. It is mandatory that Coastal Plains submit all required documentation and plans to the Division by the compliance deadline below.

**Immediate Action: For the wells subject to this notice, Coastal Plains shall fulfill full cost bonding. Coastal Plains shall also submit plugging plans for the wells contained in this Notice.**

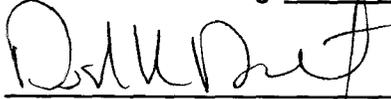
**\* Fines may be levied up to \$10,000.00 per day for every well in violation given the authority provided under U.C.A 40-6-11, part 4**

This notice shall remain in effect until it is modified, terminated, or vacated by a written notice of an authorized representative of the director of the Division of Oil, Gas and Mining. Failure to comply with this notice will result in the Division pursuing further actions against said operator. Further actions may include initiation of agency actions and requests for bond forfeiture and civil penalties.

**Compliance Deadline:** March 15, 2015

**Date of Service Mailing:** February 10, 2015

**Certified Mail No.:** 7011 2970 0001 8828 2150



Division Representative Signature

Operator Representative (if presented in person)

cc: Compliance File  
Well Files  
LaVonne Garrison, SITLA

1/2013



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-48777	
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b>	
<b>2. NAME OF OPERATOR:</b> COASTAL PLAINS ENERGY INC		<b>8. WELL NAME and NUMBER:</b> ORANGEVILLE FED 16-6-18-8	
<b>3. ADDRESS OF OPERATOR:</b> 6303 North Portland, Suite 208 , Oklahoma City, OK, 73112		<b>9. API NUMBER:</b> 43015301080000	
<b>PHONE NUMBER:</b> 405 601-5446 Ext		<b>9. FIELD and POOL or WILDCAT:</b> BUZZARD BENCH	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0775 FSL 0507 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 06 Township: 18.0S Range: 08.0E Meridian: S		<b>COUNTY:</b> EMERY	
		<b>STATE:</b> 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: 4/30/2016  <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 checked="" 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 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.			
Plugging procedure approved August 21, 2014. Currently waiting on RACS to commence P&A operations in April, 2016 in conjunction with other work scheduled in the area.			
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 01, 2015</b>			
<b>NAME (PLEASE PRINT)</b> Christopher N. Biggs	<b>PHONE NUMBER</b> 405 601-5446	<b>TITLE</b> President	
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/1/2015		

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-48777
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.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> ORANGEVILLE FED 16-6-18-8	
<b>2. NAME OF OPERATOR:</b> COASTAL PLAINS ENERGY INC	<b>9. API NUMBER:</b> 43015301080000	
<b>3. ADDRESS OF OPERATOR:</b> 6303 North Portland, Suite 208 , Oklahoma City, OK, 73112	<b>PHONE NUMBER:</b> 405 601-5446 Ext	<b>9. FIELD and POOL or WILDCAT:</b> BUZZARD BENCH
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0775 FSL 0507 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 06 Township: 18.0S Range: 08.0E Meridian: S	<b>COUNTY:</b> EMERY	
	<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/22/2016  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input checked="" 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"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER <input type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
4/12/16 MIRU & NU BOP, POOH w/93 jts of 2-3/8th tbg. 4/13/16 MIRU WL trk & set 5-1/2" CIBP @ 2950'. Mix & pump 15 sx Class "G" cmt, RIH w/WL & perf @ 230'. 4/14/16 ND BOP & NU 5-1/2" csg, mix & pump 22 sx of Class "G" cmt & chase w/wtr to clear perfs. 4/15/16 Pump 42 bbls wtr w/no returns, mix & pump 22 sx Class "G" cmt. 4/16/16 Pump 24 bbls wtr down 5-1/2" csg w/little return to surf, mix & pump 44 sx Class "G" cmt dn 5-1/2" annulus & went on vac. Cut 8-5/8" & 5-1/2" csg dn to 4'. 4/17/16 Tag 5-1/2" csg @ 213', placed 4 sx bentonite chips dn 5-1/2" annulus, mix & pump 36 sx Class "G" cmt to surf & 52 sx Class "G" cmt down backside. 4/18/16 Placed 3 sx bentonite chips dn 5-1/2" annulus, mix & pump 49 sx Class "G" cmt down annulus. 4/19/16 Mix & pump 22 sx Class "G" cmt down annulus. 4/20/16 Mix & pump 22 sx Class "G" cmt down annulus to surf. 4/22/16 Welded on P&A plate.		<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 05, 2016</b>
<b>NAME (PLEASE PRINT)</b> Christopher N. Biggs	<b>PHONE NUMBER</b> 405 601-5446	<b>TITLE</b> President
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/30/2016	