

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 Del-Rio Drilling Programs, Inc.

3. ADDRESS OF OPERATOR
 448 East 4th South, Suite 203, SLC, Utah 84111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 1896' FWL 1941' FSL
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 50 miles from Ouray, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 1896'

16. NO. OF ACRES IN LEASE
 627.84

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40 acres

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 1800'

19. PROPOSED DEPTH
 4400'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 7240' GR.

22. APPROX. DATE WORK WILL START*
 November 15, 1979

5. LEASE DESIGNATION AND SERIAL NO.
 U 019837
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME
 8. FARM OR LEASE NAME
 Flatrock Federal
 9. WELL NO.
 Flat Rock 30-2A
 10. FIELD AND POOL, OR WILDCAT
 Field
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 30, T14S, R20E, SLB &
 12. COUNTY OR PARISH
 Uintah
 13. STATE
 Utah

dup

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14 3/4"	10 3/4"	40.5	300'	Circ. to surface
8 3/4"	5 1/2"		4400'	360 sx

RECEIVED

DEC 21 1979

DIVISION OF
OIL, GAS & MINING

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

24. SIGNED Lawrence A. Caldwell TITLE President DATE Oct. 15, 1979

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY WT MacTee TITLE ACTING DISTRICT ENGINEER DATE DEC 20 1979
 CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL
 Utah *Q. S.*

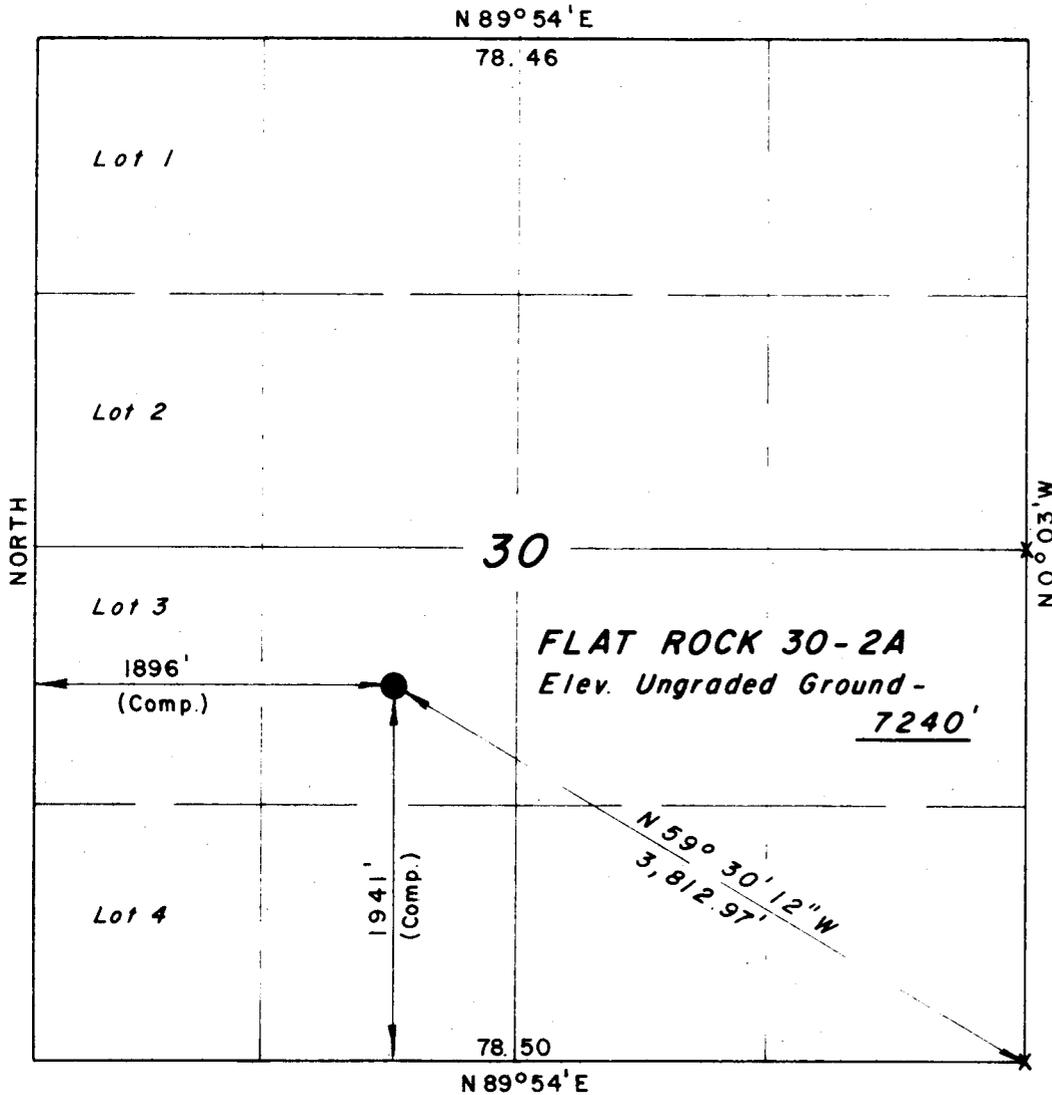
CONDITIONS OF APPROVAL ATTACHED
 TO OPERATOR'S COPY

T 14 S , R 20 E , S. L. B. & M.

PROJECT

DEL - RIO DRILLING 'PROGRAMS INC.

Well location, *FLAT ROCK 30-2A*,
located as shown in the NE 1/4 SW 1/4
Section 30, T14S, R20E, S.L.B.&M.
Uintah County, Utah.



X = Section Corners Located



CERTIFICATE

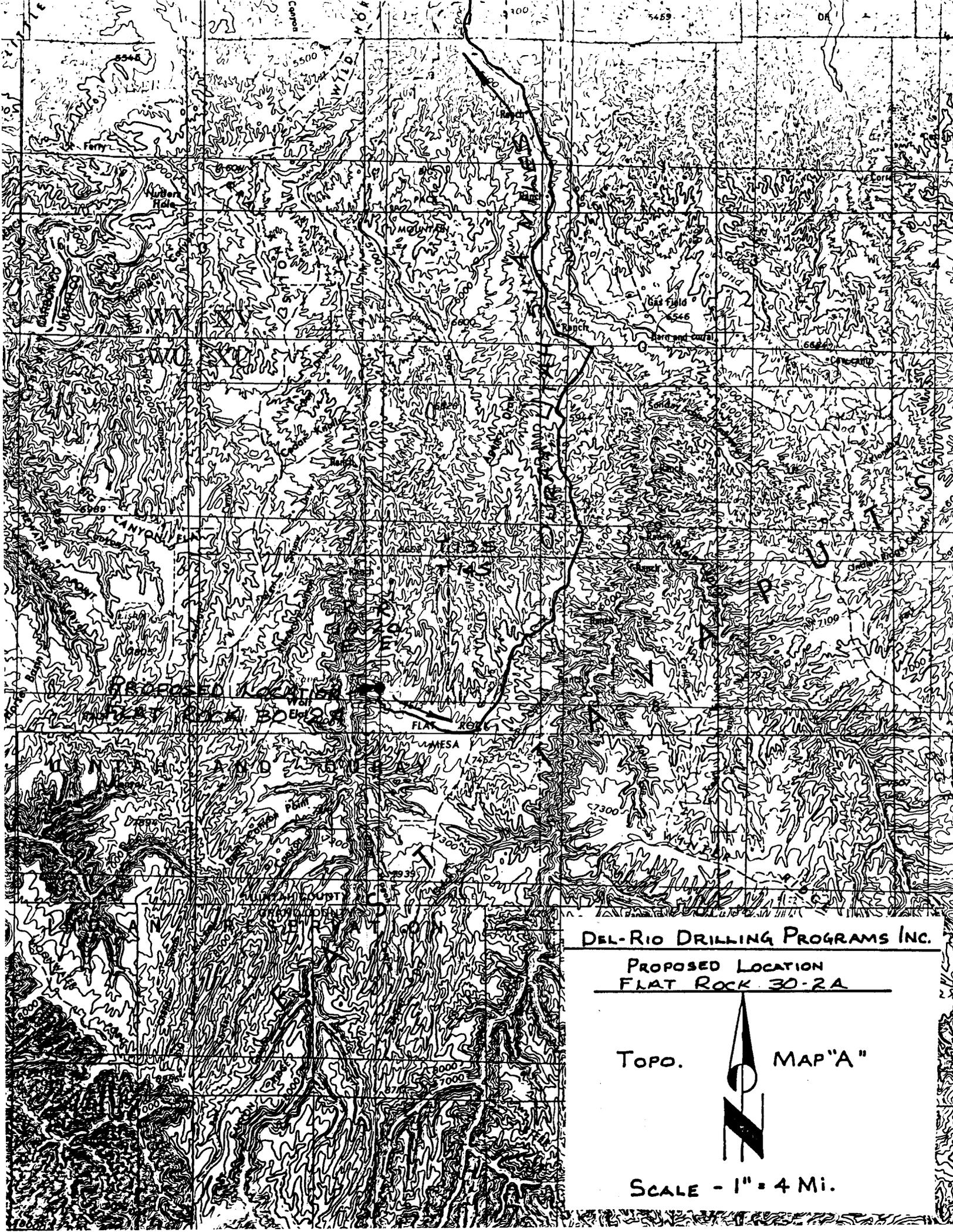
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

James L. Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

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

SCALE	1" = 1000'	DATE	9 / 7 / 79
PARTY	SS SH TJ RP	REFERENCES	GLO Plat
WEATHER	Fair	FILE	DEL - RIO DRILLING



DEL-RIO DRILLING PROGRAMS INC.

PROPOSED LOCATION
FLAT ROCK 30-2A

TOPO.

MAP "A"



SCALE - 1" = 4 Mi.

: DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

T: APD MINERAL EVALUATION REPORT

LEASE NO. 019837

OR: Del Rio Drilling Programs

WELL NO. Flat Rock 30-2A

ON: 1/4 NE 1/4 SW 1/4 sec. 30, T. 14 S, R. 20 E, SLM

Uintah County, Utah

stratigraphy: Upper Douglas Creek Mbr - Green River Fm. - surface

Wasatch 2187 (+5063)

Lower
Wasatch 3112 (+4128)

sh Water: Fresh Water may be encountered in sands of the
Green River Fm.

able Minerals: Prospectively valuable for oil shale in the Green River Fm.
and coal in the Nesten Fm. Well will not penetrate
the coal beds.

ditional Logs Needed: APD program appears adequate.

ential Geologic Hazards: Leached zones below rich oil shale beds in the
Green River Fm. may cause circulation loss.

erences and Remarks: U.S.G.S. Map I-736
Within Flat Rock KGS.

ure: J. Paul Matheny Date: 11 - 3 - 79

DEL-RIO DRILLING PROGRAMS, INCORPORATED

13 Point Surface Use Plan

For

WELL LOCATION

Flat Rock 30-2A

Located In

Section 30, T14S, R20E, S.L.B. & M.

Uintah County, Utah

DEL-RIO DRILLING PROGRAMS, INCORPORATED
Flat Rock 30-2A
Section 30, T14S, R20E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach Del-Rio Drilling Programs, Incorporated well location, Flat Rock 30-2A, located in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 30, T14S, R20E, S.L.B. & M. from Vernal, Utah:

Proceed Westerly out of Vernal, Utah on U.S. Highway 40 - 14 miles to the exit of Utah State Highway 209; proceed Southerly on this highway + 7.5 miles to the junction of this highway and Utah State Highway 88; proceed along Southerly on this highway + 10.0 miles to Ouray, Utah; proceed South out of Ouray, Utah, on the Seep Ridge Road + 8.0 miles to the point where the Willow Creek Road exits to the South; proceed Southerly on the Willow Creek Road + 22.4 miles to the point where an improved dirt road exits to the Southwest; proceed Southwesterly on this road + 21 miles to the point where the planned access road (to be discussed in Item #2) leaves the existing road and proceeds in a Southwesterly direction to the proposed location site.

The highways mentioned above are bituminous surfaced roads to the Seep Ridge Road at which point all roads are dirt and are constructed of native materials acquired during construction. These materials range from a sandy clay material to a sandstone and shale material with some gravel.

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

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

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing road described in Item #1 in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 30, T14S, R20E, S.L.B. & M. and proceeds in a Southwesterly direction 0.1 mile to the proposed location site.

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

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

DEL-RIO DRILLING PROGRAMS, INCORPORATED
Flat Rock 30-2A
Section 30, T14S, R20E, S.L.B. & M.

2. PLANNED ACCESS ROAD - Continued

Back slopes along the cut areas of the road will be $1\frac{1}{2}$ to 1 slopes and terraced.

There will be no culverts required along this access road.

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

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

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

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

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

All lands involved in this action are under Ute Tribal jurisdiction.

The terrain that is traversed by this road is relatively flat and is vegetated with sagebrush and grasses.

3. LOCATION OF EXISTING WELLS

See Topographic Map "B".

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

There are however, four abandoned wells and one producing well within a one mile radius of this location site. (See Topographic Map "B" for the location of these wells in relation to the proposed well location.

DEL-RIO DRILLING PROGRAMS, INCORPORATED
Flat Rock 30-2A
Section 30, T14S, R20E, S.L.B. & M.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There is a Del-Rio Drilling Programs, Incorporated producing well location approximately 2000' Northeast of the proposed location site. This location has existing production facilities consisting of two storage tanks and oil gathering lines from the well to the storage tanks. See Topographic Map "B" for location of this well and facilities.

There are no Del-Rio Drilling Programs, Incorporated gas gathering lines, injection lines, or disposal lines within a one mile radius of this location site.

In the event that production is established, plans for a flowline from this location to existing lines in the area will be submitted to the proper authorities and the existing area of the location will be utilized for the establishment of the necessary production facilities.

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

If there is any deviation from the above, all appropriate agencies will be notified.

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

See Topographic Map "B".

Water to be used in the drilling of this well will be hauled by truck from Towave Reservoir located in Section 25, T14S, R19E, S.L.B. & M. Water will be hauled over existing roads and the proposed access road approximately 3.0 miles to the proposed location site.

In the event this is not a suitable source an alternate source will be decided upon and all concerned agencies will be notified.

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

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No 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 Ute Tribal lands.

DEL- RIO DRILLING PROGRAMS, INCORPORATED
Flat Rock 30-2A
Section 30, T14S, R20E, S.L.B. & M.

7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will be approximately 8' deep 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.

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 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 supplied for human waste.

8. ANCILLARY FACILITIES

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

9. WELL SITE LAYOUT

See Location Layout Sheet.

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

DEL-RIO DRILLING PROGRAMS, INCORPORATED
Flat Rock 30-2A
Section 30, T14S, R20E, S.L.B. & M.

9. WELL SITE LAYOUT - Continued

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 material necessary to make them 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. When all drilling and production activities have been completed the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

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

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

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.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.

11. OTHER INFORMATION

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

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

DEL-RIO DRILLING PROGRAMS, INCORPORATED
Flat Rock 30-2A
Section 30, T14S, R20E, S.L.B. & M.

11. OTHER INFORMATION - Continued

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

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

All drainages in the immediate area are non-perennial streams, flowing to the Southwest and are tributaries to Hill Creek.

The soils of this semi-arid area are of the Green River Formation from the Eocene Epoch (Tertiary period) and the visible geologic structures of light brownish-gray clays (OL) to sandy soils (SM-ML) with poorly graded gravels and shales with outcrops of rock (sandstone, mudstone, conglomerate and shale).

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

The fauna of the area consists predominantly of the mule deer, coyotes, pronghorn antelope, rabbits, and varieties of small ground squirrels and other types of rodents, and various reptiles common to the area.

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").

Flat Rock 30-2A is located on the top portion of a large mesa known as Flat Rock Mesa. This mesa extends in a Northwest-Southeast direction and the sides are relatively steep.

DEL-RIO DRILLING PROGRAMS, INCORPORATED
Flat Rock 30-2A
Section 30, T14S, R20E, S.L.B. & M.

11. OTHER INFORMATION - Continued

The majority of the drainages in the area around this location are non-perennial in nature and run in a Southwesterly direction into Hill Creek, which is located approximately 1.0 miles Southwest of the proposed location site.

The geologic structure of the area immediately surrounding the location site is of the Green River Formation and consists of light brownish-gray sandy clay with some sandstone outcrops.

The terrain in the vicinity of the location site slopes from the Southeast through the location site to the Northwest at approximately a 2% grade.

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

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 or any visible archaeological, historical, or cultural sites in the general area.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Larry Caldwell
448 East 4th South, Suite 203
Salt Lake City, Utah 84111

Telephone: 801-³⁵⁵~~205~~-8028

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 and belief, true and correct; that the work associated with the operations proposed herein will be performed by Del-Rio Drilling Programs, Incorporated and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Date

10/15/79

Larry Caldwell



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

Usual Environmental Analysis

Lease No.: U-019837

Operator: Del Rio Drilling Programs

Well No.: 30-1A

Location: 1542' FNL & 1660' FEL

Sec.: 30

T.: 14S R.: 20E

County: Uintah

State: Utah

Field: Wildcat

Status: Surface Ownership: Ute Tribal

Minerals: Federal

Joint Field Inspection Date: November 6, 1979

Participants and Organizations:

Craig Hansen

USGS Vernal, Utah

Dale Hanburg

BIA Ft. Duchesne

Gene Stewart

Del Rio Drilling and Uintah Engineering

Related Environmental Analyses and References:

Analysis Prepared by: Craig Hansen
Environmental Scientist
Vernal, Utah

Reviewed by: George Diwachak
Environmental Scientist
Salt Lake City

Date: November 6, 1979

*140' x 250' pad
50' x 100' pit
18' x .1 mi access road
stockpile top soil
1-2 Acres stripped
investigator (P. 6
(A+B)*

Noted - G. Diwachak

Proposed Action:

On October 18, 1979, Del Rio Drilling filed an Application for Permit to Drill the No. 30-1A exploratory well, a 4400 ft. oil and gas test of the Wasatch Formation; located at an elevation of 7463 ft. in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 30, T. 14S., R. 20E. on Federal mineral lands and public surface; lease No. U-019837. There was no objection raised to the wellsite nor to the access road.

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

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

The operator proposes to construct a drill pad 140 ft. wide x 250 ft. long and a reserve pit 50 ft x 100 ft. A new access road would be constructed 18 ft. wide x .1 miles long from a maintained road. The operator proposes to construct production facilities on disturbed area of the proposed drill pad.

The anticipated starting date is November 15, 1979 and duration of drilling activities would be about 45 days.

Location and Natural Setting:

The proposed drill site is approximately 50 miles Southeast of Ouray, Utah, the nearest town. A poor road runs to within .1 miles of the location. This well is a Wildcat well.

Topography:

The location is on top of a flat mesa called Flat Rock. The location slopes gently to the Southwest to Hill Creek, no major outcrops of sand stone and shale are present.

Geology:

The surface geology is the Green formation.

The soil is a sandy to sandy clay soil.

No geologic hazards are known near the drillsite.

Seismic risk for the area is moderate. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

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

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

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

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

Soils:

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

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

Approximately 1.2 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

Air:

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

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

Toxic or noxious gases would not be anticipated.

Precipitation:

Annual rain fall should range from about 12" to 14" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 13".

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

Surface Water Hydrology:

The location drains by non-perennial drainage to Hillcreek which flows to Willow Creek then to the Green River. A major drainage of the Uintah Basin.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potentials for pollution would be present from leaks or spills. The operator is required to report and clean-up all spills or leaks.

Ground Water Hydrology:

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential

for communication, contamination and comingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of fresh water formations are listed in the 10-Point Subsurface Protection Plan. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Pinon-juniper, sage and native grasses exist on the location.

Plants in the area are of the salt-desert-shrub types grading to the pinon-juniper association.

Proposed action would remove about 1.2 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

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

Wildlife:

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

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

Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations; activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

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

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

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

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

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

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

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

Waste Disposal:

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

Alternative to the Proposed Action:

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

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

Mitigative Measures and Stipulations:

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

- A. Trees should be cut and piled before construction operations begin to retain their natural resource.
- B. Trash cage should be used instead of burn pit and all refuse should be removed upon completion of drilling activities.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately 1.7 acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, gas leaks, and spills of oil and water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh water aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in Hill Creek. The potential for pollution to Hill Creek would exist through leaks and spills.

Determination:

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

DEC 14 1979

Date

W. J. [Signature]

ACTING

District Engineer
U.S. Geological Survey
Conservation Division
Oil and Gas Operations
Salt Lake City District



*Del Rio
FLAT ROCK 30-1A
Looking north*

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 Del-Rio Drilling Programs, Inc.

3. ADDRESS OF OPERATOR
 448 East 4th South, Suite 203, SLC, Utah 84111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 1896' FWL 1941' FSL **NE SW**
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 50 miles from Ouray, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1896'

16. NO. OF ACRES IN LEASE
 627.84

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40 acres

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1800'

19. PROPOSED DEPTH
 4400' *Washack*

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 7240' GR.

22. APPROX. DATE WORK WILL START*

5. LEASE DESIGNATION AND SERIAL NO.
 U 019837

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Flatrock Federal

9. WELL NO.
 Flat Rock 30-2A

10. FIELD AND POOL, OR WILDCAT
~~Field~~ Flat Rock

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 30, T14S, R20E, SLB&M

12. COUNTY OR PARISH 13. STATE
 Uintah Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14 3/4"	10 3/4"	40.5	300'	Circ. to surface
8 3/4"	5 1/2"		4400'	360 sx.



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 James A. Caldwell TITLE President DATE Oct. 15, 1979

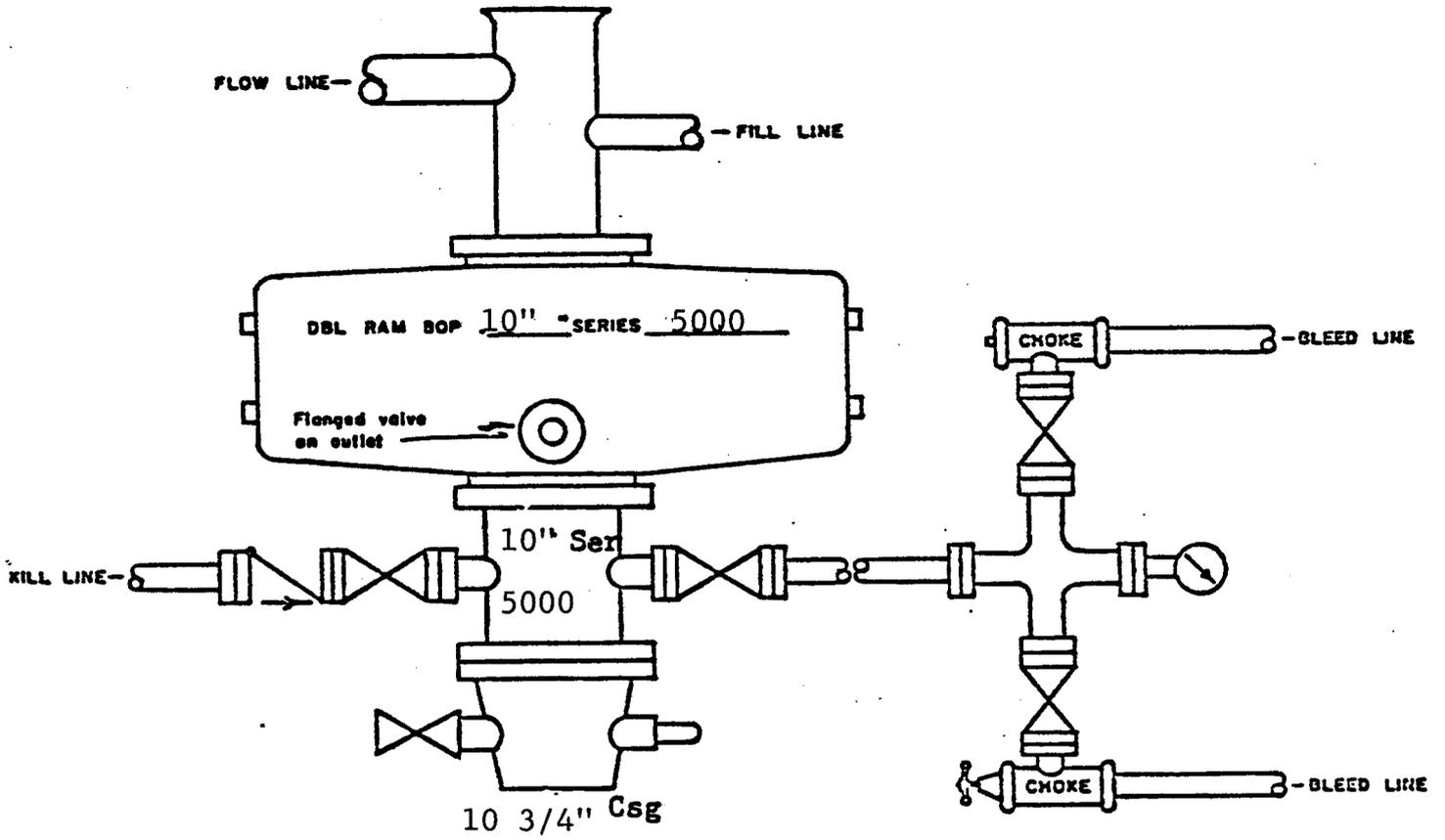
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

APPENDIX A (page 3)

Typical Minimum BOP Specs (Schematic drawing)



** FILE NOTATIONS **

DATE: October 29, 1979

Operator: Del-Pio Drilling Programs, Inc

Well No: Flat Rock 30-2A

Location: Sec. 30 T. 14S R. 20E County: Uintah

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43-047-30641

CHECKED BY:

Geological Engineer: _____

Petroleum Engineer: _____

Director: OK J

1
25,000
7140
33140

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 Sec

Plotted on Map

Approval Letter Written

btm

#-1

hl PI

Del-Rio Drilling Programs, Inc.
10 Point Program

Attachment to Form 9-331-C, "Application to Drill, Deepen or Plug Back"

Del-Rio Drilling Programs, Inc.
Flat Rock 30-2A
NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 30, T14S, R20E, SLB & M
(1896' FWL and 1941' FSL)
Uintah County, Utah
Elevation 7240' GR.

1. The geologic name of the surface formation is the Green River Formation.

2. Estimated tops of important geologic markers are as follows:

Wasatch Formation	2400'
Lower Wasatch	3335'

T.D. 4400' in Wasatch Formation

3. Estimated depths of anticipated water, oil or gas or other mineral bearing formations:

50 - 300 ' Douglas Creek Member, Green River Formation, heavy oil sands.

3800 - 3830 ' Wasatch sandstone pay, Flat Rock No.2, oil

4210 - 4235 ' Wasatch sandstone, oil potential

No other formations are expected to produce water, oil, gas or other minerals in measurable quantities.

4. The proposed casing program is listed under Item 23 on Form 9-331C. All casing is new and grade is K-55.

5. Operator's minimum specifications for pressure control equipment is a 10" 5000 psi double hydraulic blowout preventor. Please refer to Diagram C. Blowout preventor will be tested daily.

6. Fresh water base drilling mud will be used to 300'. After setting 10 3/4" casing salt water brine will be used to total depth. Brine water will be weighted up with salt if necessary.

7. Auxiliary equipment is as follows:

(1) Kelly cocks

(2) Bit floats

(3) A PVT and flow sensor will be used to monitor mud system. Visual checks will also be conducted.

(4) A full opening-quick close drill pipe valve is to be located on the derrick floor at all times.

8. (a) Commercial shows of oil or gas will be tested. We anticipate at least 2 drill stem tests in the Wasatch Formation. No coring is anticipated.
- (b) Electric logs will be run at total depth prior to setting 5½" production casing. Mud system may be changed to fresh water based dispersed mud system for better control of logging program.

Prospect to run the following electric logs:

- (1) Dual Induction Laterolog with Gamma Ray- Total depth to base of casing
 - (2) Gamma Ray - Neutron log with Caliper - Total depth to base of casing.
 - (3) Formation Density/Compensated Neutron - Zones of Interest.
- (c) Gas detection mud logging units will be on location from 300' to total depth.
9. Anticipated abnormal BHP or BHT: None anticipated.
10. Estimated starting date is November 15, 1979 and the duration of operation will be approximately 45 days.

November 1, 1979

Del-Rio Drilling Programs, Inc.
448 East 4th South, Suite 203
Salt Lake City, Utah 84111

Re: Well No. Flat Rock 30-2A
Sec. 30, T. 14S, R. 20E.,
Uintah County, Utah

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

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

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

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

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

The API number assigned to this well is 43-047-30641.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Geological Engineer

/btm

cc: USGS

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Del-Rio Drilling Programs

WELL NAME: Flat Rock #30-2A

SECTION 30 NE SW TOWNSHIP 14S RANGE 20E COUNTY Uintah

DRILLING CONTRACTOR _____

RIG # _____

SPUDDED: DATE 12/28/79

TIME 2:00 p.m.

How rotary

DRILLING WILL COMMENCE ASAP

REPORTED BY Larry Caldwell

TELEPHONE # _____

DATE December 31, 1979

SIGNED *M. J. Mander*

cc: USGS

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

5. LEASE DESIGNATION AND SERIAL NO.
U 019837

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Flatrock Federal

9. WELL NO.
Flatrock 30-2A

10. FIELD AND POOL, OR WILDCAT
Flatrock Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 30T. 14S, R. 20E SLM

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Del-Rio Drilling Programs, Inc.

3. ADDRESS OF OPERATOR
448 East 400 South, Suite 203, SLC, Utah 84111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1896' FWL 1941' FSL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
7240'

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

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

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

Suspended operations until such time that field conditions are suitable for a resumption of activities.

RECEIVED
APR 07 1980
DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct
SIGNED Francis Caldwell TITLE President DATE 2/29/80

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

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

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. U 019837	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Del-Rio Drilling Programs, Inc.		8. FARM OR LEASE NAME Flatrock Federal	
3. ADDRESS OF OPERATOR 448 East 4th South, Suite 203 SLC, Utah 84111		9. WELL NO. Flatrock 30-2A	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1896' FWL 1941' FSL		10. FIELD AND POOL, OR WILDCAT Flatrock Field	
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 30T.14S, R. 20E SLM	
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7240'		12. COUNTY OR PARISH Uintah	13. STATE Utah

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

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

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

Spudded the well on December 28, 1979. Drilled the rat hole and mouse hole. Set 42' of 16" conductor pipe. Cemented and set overnight. Suspended operations until such time that field conditions are suitable for a resumption of activities.

DIVISION OF OIL, GAS & MINING

APR 01 1980

RECEIVED

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

SIGNED James C. Caldwell TITLE President DATE 1/31/80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

SUBMIT TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION AND SERIAL NO. U 019837
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Del-Rio Drilling Programs, Inc.		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 448 East 400 South, Suite 203, SLC, Utah 84111		8. FARM OR LEASE NAME Flatrock Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1896' FWL 1941' FSL		9. WELL NO. Flatrock 30-2A
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Flatrock Field
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7240'		11. SEC., T., R., M., OR BLK. AND SURVEY OR ABBA Sec. 30T. 14S, R. 20E SLM
		12. COUNTY OR PARISH 13. STATE Uintah Utah

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

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

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.)*

Suspended operations until such time that field conditions are suitable for a resumption of activities.

RECEIVED

APR 28 1980

DIVISION OF
OIL, GAS & MINING

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

SIGNED Tom S. Sawyers TITLE V.P. DATE 3/31/80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

SUBMIT IN TRIPL
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-019837
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Del-Rio Drilling Programs, Inc.

3. ADDRESS OF OPERATOR
448 East Fourth South, Salt Lake City, Ut. 84111

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

NE 1/4 SW 1/4 (1896 FWL & 1940 FSL)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Flat Rock

9. WELL NO.
30-2A

10. FIELD AND POOL, OR WILDCAT

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

Sec. 30, T14S-R20E, S1M

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7292.9 KB, 7280, Gr.

12. COUNTY OR PARISH 13. STATE
Uintah Utah

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

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

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

Well spudded 5-26-80. Colorado Well Service Co., Contractor. Drilled 12 1/4" hole to 222'. Set 8 5/8" surface to 222 and cemented with 175 sx., circulated to surface. Drilled 7 7/8" hole from 222 to 4410' and set 4000', 5 1/2, J-55, 15.5# casing cemented with 376 sx. poz, Class G. Drilled with gel based mud. Ran electric logs, Schlumberger, Dual Induction-SFL, 220-4095, Simultaneous Compensated Neutron- Formation Density with caliper 220-800 and 2665 to 4070. Perforated 4012 - 4018, 3938-3944, 3846-55, 3736-45, 3594-98 and 3626-28. Ran 2 7/8 tubing, J-55, 6.4# to 3567' and hung with Baker anchor catcher at 3580, KB. Ran rods and downhole pump, hooked up well head and flow lines to tank battery. Well completed 9-11-80. Initial production 120 BOPD, no water, 42.2 gravity at 60°F.



MAY 7 1981

DIVISION OF
OIL, GAS & MINING

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

SIGNED [Signature] TITLE [Signature] DATE March 4, 1981

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

2. NAME OF OPERATOR
Del-Rio Drilling Programs, Inc.

3. ADDRESS OF OPERATOR
448 East 4th So., Salt Lake City, Ut. 84111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface NE 1/4 SW 1/4 Sec. 30, (1896 FWL & 1941 FSL)
At top prod. interval reported below same
At total depth No deviation survey run.

5. LEASE DESIGNATION AND SERIAL NO.

U-019837

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

30=2A

10. FIELD AND POOL, OR WILDCAT

Flat Rock

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 30, T14S-R20E, S1M

12. COUNTY OR PARISH
Uintah
13. STATE
Utah

14. PERMIT NO. 43-047-30641 | DATE ISSUED
15. DATE SPUNDED 5-26-80 | 16. DATE T.D. REACHED 6-12-80 | 17. DATE COMPL. (Ready to prod.) 9-11-80 | 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7292.9 KB, 7280, GR. | 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 4410 | 21. PLUG, BACK T.D., MD & TVD | 22. IF MULTIPLE COMPL., HOW MANY* | 23. INTERVALS DRILLED BY → | ROTARY TOOLS 0-4410 | CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Perf. 4012-18, 3938-44, 3846-55, 3736-45, 3594-98, 3626-28
25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Schl. Dual Induction-SFL, Simultaneous Compensated/Formation Density, Neutron w/capiper
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	8	222	12 1/4	175 sx, circ. to surf.	—
5 1/2	J-55, 15.5#	4000	7 7/8	376 sx. 50-50 poz	—

29. LINER RECORD | 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	3567	3580

31. PERFORATION RECORD (Interval, size and number)
4012-18, 3938-44, 3846-55, 3736-45, 3594-98 and 3626-28.
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED
See attached well completion report

33.* DIVISION OF PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHODS (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
9-22-80	Pumping, Axelson 1 1/2"	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-2080	24	2"	→	120	28 MCF	0	1600:1

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
110#	110#	→	120	28	0	42.5

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Vent thru treater
TEST WITNESSED BY
Marion Haughey

35. LIST OF ATTACHMENTS
See attached well completion report

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED [Signature] TITLE [Signature] DATE March 4, 1981

*(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
			NEAR. DEPTH
			TOP
			TRUE VERT. DEPTH
Green River Surface		2320	Marlstone, oil shale, very fine grained ss
Wasatch Fm.	2320	—	Interbedded red, green & grey shales and fine to medium grained sandstones
Lower Tw	3325	—	As above
Prod. ss	3886-3935		Sandstone, medium grained, in part shaley

WELL DATA

Operator:

Del-Rio Drilling Programs, Inc., Salt Lake City, Utah

Well Name:

Flat Rock 30-2A U.S. Oil & Gas Lease U-019837

Location:

NE $\frac{1}{4}$ SW $\frac{1}{4}$ (1896 FWL and 1941 FSL)
Section 30, T14S-R20E, SIM
Uintah County, Utah

Spud:

May 26, 1980

Complete Drilling:

June 12, 1980

Elevation:

7292.9 KB, 7280 ground

Status:

Producing oil well

Total Depth:

4110 driller, 4101 Schlumberger

Hole Specifications:

12 $\frac{1}{4}$ " to 222', 7 7/8" 222' to 4110'

Contractor:

CRC-Colorado Well Service, Rig 66

Company Geologist:

Robert E. Covington, CPG #1705, Vernal, Utah

Well Site Engineer:

Craig and Larry Caldwell

MAY 7 1980

DEPARTMENT OF
OIL, GAS & MINING

Tool Pusher:

Harry Keeser

Casing:

8 5/8", surface to 222', circulated to surface, 175sx
5 1/2", J-55, 15.5# set at 4000', cemented with 360 sx
Maximum Bottom Hole Temp:

131° F.

Mud Company:

Western Mud Co., Vernal, Utah, Creg Wilkins, Engineer

Mud Logging Company:

Melton Enterprises, Vernal, Utah, Mike Melton and David Merkley

Logging:

Schlumberger Well Logging Service Company, Vernal, Utah
Logs: Dual Induction-SFL, 220-4095', (2" = 100' & 5" = 100')
Simultaneous Compensated Neutron Fm.Density w/caliper
(220-800 & 2665-4070, 5" = 100')

Date of Report:

October 28, 1980

Other Services:

Halliburton Company, Vernal, Utah, cementing production string
Martin Water Service, Vernal, Utah

Producing Interval:

Lower Wasatch, 3590-3600, 3624-3630, 3635-3647.

MAY 7 1981

RECEIVED
OIL FIELD DIVISION

DEL-RIO DRILLING PROGRAMS, INC.
FLAT ROCK WELL #30-2A
NE $\frac{1}{4}$ SW $\frac{1}{4}$ SECTION 30, T14S-R20E, S1M
UINTAH COUNTY, UTAH

COMPLETION REPORT

7-24-80 RUSU

7-25-80 RU BOPS tih w/60 jts. tbg

7-26-80 TIH tog cmt st 4055 - drilled to 4070' circulated
2% KCL in & fresh water out of crg.

7-27-80 Sunday - SI.

7-28-80 Ron McCullough CBL-OCL-GR log, log indicates no bond
from 4050' to 4002', poor bond from 3918'-2740', top
cmt 2740', TIH w/Baker retrieve-a-matic pkr set at 3950'.

7-29-80 Perf 4 cmt sq holes at 4004' - could not break down
at 4000 psi - spot acid - no break down - pkr leaking,
change pkr. Perf 4 cmt sq holes @ 4015-16. Break
down w/15 B 2% KCL 5 BPM @ 3800 psi mixed & pumped
50 sx "G" no squeeze overdisplaced 10 bbls mixed
& pumped 50 sx "G" cmt squeeze @ 3300 psi - reversed
tbg - pulled 5 stds reset prk @ 3640'.

7-30-80 Press tbg to 4000 psi held OK. TOOH w/tbg & pkr.
Perf 4 holes @ 3850-51, break down 7 BPM @ 2600'
psi, set 5 $\frac{1}{2}$ " cmt retainer on WL @ 3830 TIH & sting
into retainer - injection rate 4 BPM @ 2800 psi mix
& pump 75 sx "G" cmt - cmt squeeze @ 2900 psi reversed
tbg - TOOH w/tbg - perf 4 holes @ 3633'-34', no break
@ 4000 psi RD - McCullough & Halliburton - TIH w/mill
& crg scrapper.

7-31-80 Drilled cmt retainer - CO to 3935'.

8-1-80 Drill cmt to PBTD - 4070' TOOH w/2000' tbg.

8-2-80 Finish TOOH - TIH & set Baker pkr @ 3493' R.U.
McCullough - perf w/1 9/16" thru tbg gun w/1JSPF
@ 4012-18, 3938-44, 3846-55, 3736-45, 3595-96, 1
four foot gun shot out of sequence at 3613-17 should ^{gu}
have shot at 3594-98 - this zone has only 2 holes
as noted above. The 2 foot zone 3626-28 not shot.

R.U. Dowell to acidize - test lines to 4200 PSI -
O K. Break down 5 BFM @ 3500 PSI. Pumped 7½%
HCL at rate of 5 BFM @ 2700 PSI to 4000 PSI 100%
ball action. 83 bbls acid & 22 bbls KCL displacement
swabbed from surface to 3400' - recovered 22 BW &
3 B acid water - pumped 25 BKCL to move acid from
pkr - SIFN

8-3-80 Sunday

8-4-80 Swabbed from surface to 3400' in 6 runs - recovered
48 B fluid w/trace of oil & gas. TOOH w/pkr TIH
w/open ended tbg. FL @ 1200' swabbed to 3400' in 11
runs recovered 53 B fluid - no oil or gas. SIFN

8-5-80 tbg & csg 10 PSI - FL @ 2400' swabbed to 3400' in
5 runs recovered 9 bbls fluid trace of oil & gas.
R.U. Dowell to sand frac. test lines to 4500 PSI
Pumped 6000 gals WF 40 Pad
4000 gals WF 40 w/2PPG 100 MESH
4000 gals WF 40 w/4PPG 100 MESH
1000 gals WF 40 SPACER
10,000 gals WF 40 w/1PPG 10/20sand
7140 gals WF 40 w/2PPG 10/20sand - sanded out
Sanded out at 12 BPM-4500 PSI w/825 BBLs WF 40 24,000
100 MESH & 24,280# 10/20 MAX PRESS - 4500 PSI
AVG. PRESS - 3800 PSI @ 25 BPM

Reversed out sand - SIFN

8-6-80 circulated sand out to 4050 - swabbed FL from surface
to 3500'- recovered 98 BFF

8-7-80 Swabbed 48 BFF w/slight amount of gas

8-8-80 FL @ 2400' csg & tbg 0 PSI swabbed to 3400' recovered
33 BFF w/trace of oil & gas

8-9-80 Pipe rams leaking csg & tbg 30 PSI FL @ 1500' recovered
3 BFF & oil-gas flowing at end of swab run-
change pipe rams - TOOH w/tbg TIH w/pkr set at 3478'-
flowing to flat tank - fluid stopped flowing - gas
increasing. 1 hour SI = tbg 500# csg 0# flow down
in 30 min. to 20 PSI thru 3/4 choke SI 13 min. 170 PSI
increase. Open to pit flowing oil & watermist thru
3/4" choke at 10 PSI WH press. Est - 25,000 CFD
SI - 5PM

8-10-80 Sunday

- 8-11-80 Csg 15 PSI tbg 925 PSI flow to flat tank thru
3/4" choke @ 20 PSI recovered 10 bbls fluid in 6 hrs.
10% oil
SIFN @ 4:30 PM
- 8-12-80 Csg 14 PSI tbg 900 PSI flow to flat tank thru
3/4" choke @ 20 PSI recovered 16½ bbls fluid in
8½ hours 20% oil
SIFN @ 4:30 PM
- 8-13-80 Csg OPSI tbg 740 PSI bled off press - reset pkr
@ 3730 Perfs open below pkr to tbg 3846-55, 3938-44,
4012-18. Perfs open above pkr to annulas 3637-45,
3595-96 crg press 245 PSI - 1 hour SI
400 " 2 " "
425 " 3 " "
460 " 4 " "
510 " 5 " "
520 " 6 " "
swabbed 16 bbls fluid from tbg 20% oil-gas increasing
SIFN @ 5 PM
- 8-14-80 Csg press 640 PSI - 20½ hours SI
Tbg press 200 PSI - 14½ hours SI
FL in tbg 2900', recovered 12 bbl fluid in 9 hours
swabbing oil increased from 20% on first swab run to
95% on last swab run. Csg flowing gas only - test
thru 3/4" plate = 24 MCFD
SIFN @ 5 PM
- 8-15-80 Csg 540 PSI tbg 150 PSI FL @ 1800' - swabbed
to 3400' in 11 runs recovered 15 BF 80% oil = 12 BO
& 3 BW crg flowing thru 2" OWT w/3/4 plate @ 25 MCFD
SIFN @ 5 PM
- 8-16-80 Csg 480 PSI tbg 180 PSI released pkr & reset
@ 3977' - swabbed tbg dry on first run - no fluid or
gas entry from surface 4012'-4018' over three hour test.
Pumped 20 bbls KCL to equalize pkr press- released pkr
& reset @ 3853' Swabbed to 3800' recovered 7 BBLs
KCL in 5 runs.
- 8-17-80 Sunday

8-18-80 Csg - 450 PSI tbg 25 PSI SI - 39 hours FL @ 3100'
 swabbed dry on first run 3 dry runs from 3600' released
 pkr & reset at 3606' test perfs 3595'-3596' thru annulas
 test perfs 3637-3645', 3846'-3855', 3938'-3944',
 4012'-4018' thru tbgs.
 FL @ 1500' - pulled from 2500' recovered 3 bbls
 2500' 3400' 3 bbls & gas
 3000' 3400' " "
 3100' 3400' 1½ " "

released pkr ran tbgs to 3853 swabbed crg dry in 6 runs
 reset pkr at 3606 - found pkr leaking
 SIFN @ 4:30 PM

8-19-80 Csg 830# tbgs 730# swabbed tbgs - TOOH w/ pkr
 SIFN @ 3 PM

8-20-80 Csg 800 ran pkr & set @ 3606 - swab perfs
 3637'-45' & 3846'-55' recovered 12B0 & 12 B KCL"W
 perfs 3595-96 tested thru 2"OTW w/3/4" OP = 18. MCFD
 SIFN @ 5 PM

8-21-80 Csg 740# tbgs 520# swab 9 B0 & 9 B "KCL"W perfs
 3595-96 = 200 MCFD
 SIFN @ 5 PM

8-22-80 Csg 750 tbgs 500 moved pkr to 3884' R.U. Dowell
 Breakdown perfs 3938'-44' & 4012'-18' 5 BPM @ 4700 PSI
 pumped 20 B "KCL"W into perfs - 20 BW in tbgs - swab
 24 B "KCL"W back
 SIFN @ 5 PM

8-23-80 Csg 420# tbgs 100# R.U. Dowell to acidize W/N 2
 max rate - 4BPM @ 5000# avg = 4 BPM @ 5000#
 ISIP = 4000# Pumped 3000 gals (68bbls) 15% BDA
 & 14 bbls KCL w/500 SCFPB N 2 (54,789SCF) - flow back
 10 B "KCL"W well dead suspect that N 2 was not pumped
 in on any but the last flush swabbed 1 bbl - tbgs dry no flow
 SIFN @ 1 PM

8-24-80 Sunday

8-25-80 Csg 810# FL @ 3200' swabbed & recovered 4 bbls
 acid water PH-O rainbow of oil
 SIFN @ 3:30 PM

(4)

MAY 7 1980

OFFICE OF
 OPERATIONS

- 8-26-80 Csg 550# tbg 100# bled Crg - flowed 8 BO swabbed
1 bbl acid water no entry - pumped 25 bbls KCL into
tbg, released pkr & pulled & lay down tbg, pick up
& run 50 jts 2 7/8" tbg
SIFN @ 5 PM
- 8-27-80 Crg 360# PU & ran 2 7/8" EUE tbg 6.4# K-55 total of
127 jts=3903.48' TOOH w/tbg R.U. McCullough - ran
4.343" OD gauge ring to 4042' ran CIBP set at 3920'
KB perf'd w/tbg gun @ 3626'-28' & 3594'-98' 2 JSPF
Ran 35 stds tbg w/Baker retrieve-a-matic pkr
SIFN @ 5 PM

PERF'S OPEN FLAT ROCK 30-2A

4012-18
3938-44
3846-55
3736-45
3594-98
3626-28

8-28-80 Hung Baker Pkr at 3810' - swabbed 25 B.F.. Set pkr-
swabbed 111 B.F. in 3½ hours - 50% oil tested annulas
thur 2" OWT w/ 3/4" OP = 192 MCFD.
SIFN @ 5 P.M.

8-29-80 SI-15 hours csg 520# tbg 280# swabbed 57 BO & 25BW.
Reset pkr at 3606' swabbed 35 BO & 35 BW.
SIFN @ 5 P.M.

8-30-80 SI-15 hours csg 800# tbg 500# communication across
pkr-released and let hang at 3566'. Swabbed 72 BO
& 30 BW.
SIFN 5 P.M.

8-31-80 Sunday

9-1-80 Labor Day

9-2-80 SI-54 hours csg & tbg 900#-well flowing recovered by
swabbing and flowing in 8 hours. 40 BO = 120 BO per
day.
SIFN @ 5 P.M.

9-3-80 Rig & crew on standby.

9-4-80 SI-39 hours csg. & tbg 900#-well flowing between
swab runs. Recovered 40 BO in 8 hours-120 BO per
day-192 MCF a day.
SIFN @ 5 P.M.

9-5-80 Rig & crew on standby.

9-6-80 Rig & crew on standby-transferred approx. 70 BO from
flat tank at 30-2A to stock tanks at 30-2.

9-7-80 Sunday

9-8-80 SI-63 hours-csg & tbg 925# TOOH w/ RBP & pkr-
TIH w/ 2900' tbg & anchor catcher & SN. Pumped total
of 50 bbls 2% KCL water to kill well during day.
SIFN @ 5 P.M.

9-9-80 Finish TIH w/116 jts 2 7/8-6. 4# K-55-EUE tbg 3567'-
set anchor catcher @ 3580' KB w/ seating nipple @
3549 KB ND BOP \$ NU well head.
SIFN @ 3:30 P.M.

9-10-80

TR w/1½" x 10' x 13' x 12' axelson top hold down
rod pump 1-2' pony 140 - 3/4" rods top 20 rods
with scrappers 4-4' ponys 3-2' pony 1½ x 22' polish
rods w/1" pins spaced out pump. SI-

9-11-80

RDSU wait on flow & gas line & pumping unit.



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple

Salt Lake City, Utah 84116

(801) 533-5771

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
MAXILIAN A. FARBMAN
EDWARD T. BECK
E. STEELE McINTYRE

CLEON B. FEIGHT
Director

June 18, 1981

Del-Rio Drilling Programs, Inc.
448 East 4th South
Salt Lake City, Utah 84111

Re: Well No. Flat Rock 30-2A
Sec. 30, T. 14S, R. 20E,
Uintah County, Utah

Gentlemen:

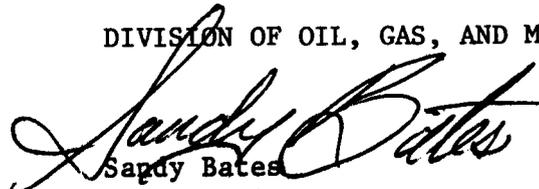
According to our records, a "Well Completion Report" filed with this office March 4, 1981, from above referred to well indicates the following electric logs were run: Schl. Dual Induction-SFL, Simultaneous Compenstaed/Formation Density, Neutron/caliper. As of todays date this office has not received 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


Sandy Bates
Clerk-Typist



June 19, 1981

State of Utah
Department of Natural Resources
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116
Attention: Sandy Bates

Dear Ms. Bates:

Enclosed please find the logs that were omitted from the "Well Completion Report" which was filed in your office March 4, 1981. We are sorry about the inconvenience, it was due to an oversight in our office.

Thank you for your time and attention in this matter.

Best Regards,

Lawrence C. Caldwell II
President, Del-Rio Drilling Programs, Inc.

LCC/pv
Enclosures

Division of Oil, Gas and Minin
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:
 Well File See Below
 (Location) Sec ___ Twp ___ Rng ___
 (API No.) _____

Suspense
 (Return Date) _____
 (To - Initials) _____

Other
VLC
Del Rio Prod. File

1. Date of Phone Call: 9-26-89 Time: 10:00 Am

2. DOGM Employee (name) Don Staley (Initiated Call
 Talked to:
 Name Linda Conde (Initiated Call - Phone No. () 722-9267
 of (Company/Organization) Bar Mesa Resources (formerly ~~with~~ with Del Rio)

3. Topic of Conversation: Missing Prod. Reports 1987-89

4. Highlights of Conversation: Linda has not ^{worked for or} prepared prod. reports for Del Rio for several years (We still print her name on Del Rio's reports as the contact person), She said the wells were operated by Larry Caldwell and Steve Martens (sic) - owners of Del Rio. She thinks Steve Martens is still in Salt Lake City. She said Del Rio filed for bankruptcy several years ago, but the court threw it out.

I will have TAs check with BLM to find out who they show as operator, if they have an address, and if anyone has sent in reports recently. DTS

Well Files: Cat Creek 18-1A (43-047-30714) 18-55-23 E
FLAT ROCK 30-2 (43-047-15764) 30-175-20 E
FLAT ROCK 30-2A (43-047-30641) 30-145-20 E
OIL CANYON 29-1A (43-047-30981) 29-145-20 E

DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

MONTHLY OIL AND GAS PRODUCTION REPORT

010522 - Well Type Chg'd to OW/C#0.

OPERATOR NAME AND ADDRESS

LARRY JORGENSEN
DEL-RIO RESOURCES INC
P O BOX 459
VERNAL, UT 84078

UTAH ACCOUNT NUMBER: N0330
REPORT PERIOD (MONTH/YEAR): 2 / 2001
AMENDED REPORT (Highlight Changes)

WELL NAME API Number Entity Location	Producing Zone	Well Status	Well Type	Days Oper	Production Volumes		
					OIL (BBL)	GAS (MCF)	WATER (BBL)
DEL-RIO 30-1 4304715764 08111 14S 20E 30	WSTC	TA	GW	-	-	-	-
FLATROCK 30-2A 4304730641 08112 14S 20E 30	WSTC	P	GW OW	20	0	454	0
OIL CANYON 29-1A 4304730981 08118 14S 20E 29	WSTC	P	GW	19	40	1402	16
DEL-RIO/ORION 29-2A 4304732945 08118 14S 20E 29	WSTC	P	OW	1	2	0	0
OIL CANYON 26-1A 4304731180 08119 14S 20E 26	WSTC	TA	NA	-	-	-	-
FLATROCK 30-3A 4304730729 11181 14S 20E 30	#####	TA	NA	-	-	-	-
DEL-RIO/ORION 32-1A 4304732758 12064 14S 20E 32	WSTC	P	OW	18	40	3859	13
DEL-RIO/ORION 30-3A 4304710913 12395 14S 20E 30	WSTC	P	OW	19	134	3855	34
DEL-RIO/ORION 29-3A 4304732946 12470 14S 20E 29	WSTC	TA	GW	-	-	-	-
DEL-RIO/ORION 32-5A 4304710577 12655 14S 20E 32	CDMTM WSTC	P	GW	28	3	31,940	0

TOTALS 219 41,510 63

COMMENTS :

RECEIVED

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

Date: 5/17/01

Name and Signature: Larry Jorgensen

MAY 21 2001

Telephone Number: (435) 789-5240

DIVISION OF OIL, GAS AND MINING

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 deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No. UTU 49037 019837
6. If Indian, Allottee or Tribe Name N/A
7. If unit or CA, Agreement Designation N/A
8. Well Name and No. See attached schedule
9. API Well No. See attached schedule
10. Field and Pool, or Exploratory Area Flat Rock
11. County or Parish, State Unitah, UT

SUBMIT IN TRIPLICATE

SEP - 8 2003

1. Type of Well [X] Oil Well [] Gas well [] Other
2. Name of Operator Miller, Dyer & Co. LLC
3. Address and Telephone No. 475 17th Street, Suite 420, Denver, CO 80202 303-292-0949
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) See attached schedule

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

Table with 2 columns: TYPE OF SUBMISSION and TYPE OF ACTION. Includes options like Notice of Intent, Abandonment, Change of Plans, etc.

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).

Shaw Resources Limited, L. L. C. hereby designates Miller, Dyer & Co. LLC as operator of the above captioned wells effective 9/8/2003. Miller, Dyer & Co. LLC is responsible under the terms and conditions of the lease for operations conducted on the leased lands or portions thereof. Bond coverage for this well will be provided by a rider filed to BLM Bond NO. UTB 0000 58

RECEIVED OCT 21 2003 BUREAU OF OIL, GAS & MIN.

SHAW RESOURCES LIMITED, L.L.C., By: Energy Management Services, L.L.C., its Manager By: Energy Management Services, Inc., its Manager,

By: [Signature] David Husman, President

14. I hereby certify that the foregoing is true and correct. Signed [Signature] Title Operations Manager Date 9/05/2003

(This space of Federal or State office use) Approved by [Signature] Title Assistant Field Manager Mineral Resources Date 10/16/03

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



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal Field Office

170 South 500 East

Vernal, Utah 84078-2799

<http://www.blm.gov/utah/vernal>

Phone: (435) 781-4400

Fax: (435) 781-4410

IN REPLY REFER TO:

3162.3

UT08300

October 16, 2003

Miller, Dyer & Co. LLC
475 17th Street, Suite 420
Denver, CO 80202

RECEIVED
OCT 21 2003
DIV. OF OIL, GAS & MINING

Re: Change of Operator Sundry Notice
See Attachment for Well List
Section 30, T14S, R20E
Uintah County, Utah
Lease No. UTU-019837

Dear Mr. Dyer:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced wells. After a review by this office, the change in operator request is approved. Effective immediately, Miller, Dyer & Co. LLC. is responsible for all operations performed on the referenced wells. All liability will now fall under your bond, BLM Bond No. UTB000058, for all operations conducted on the referenced wells on the leased land.

If you have any other questions concerning this matter, please contact me at this office at (435) 781-4480.

Sincerely,

Howard B. Cleavinger II
Assistant Field Manager
Mineral Resources

Attachment

cc: UDOGM
Del Rio Resources
Shaw Resources LTD LLC

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 checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See attached schedule
2. NAME OF OPERATOR: Del Rio Resources, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P OP Box 459 CITY Vernal STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached		8. WELL NAME and NUMBER: See attached schedule
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER: See attach
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: See attached schedule
STATE: UTAH		

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

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

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

Shaw Resources Limited, L.L.C., as record title owner, hereby designates Miller, Dyer & Co.LLC as operator of the above captioned wells effective 9/8/2003. Miller, Dyer & Co. LLC is responsible under the terms and conditions of the lease for operations conducted on the leased lands or portions thereof.

Bond coverage for this well will be provided by a rider filed to BLM Bond No. UTB000058 and SITLA Bond # Cash
Deposit, see attached letter dated 10/1/03

SHAW RESOURCES LIMITED, L.L.C.
By: Energy Management Services, L.L.C., its Manager
By: Energy Management Services, Inc. Its Manager,

BY: [Signature]
David Husman, President

NAME (PLEASE PRINT) <u>Kyle R. Miller</u>	TITLE <u>Member, Miller, Dyer & Co. LLC.</u>
SIGNATURE <u>[Signature]</u>	DATE <u>10/20/03</u>

(This space for State use only)

Field	API	Well Name	Well Location
Flat Rock	4304715764	Del-Rio/Orion 30-1	Township 14 South, Range 20 East, Uintah County, SLM, Utah Section 30: SW ¼ NE ¼
Flat Rock	4304730641	Flatrock 30-2A	Township 14 South, Range 20 East, Uintah County, SLM, Utah Section 30: NE ¼ SW ¼
Flat Rock	4304730729	Flatrock 30-3A	Township 14 South, Range 20 East, Uintah County, SLM, Utah Section 30: SE ¼ NW ¼
Flat Rock	4304710913	Del-Rio/Orion 30-3A	Township 14 South, Range 20 East, Uintah County, SLM, Utah Section 30: NE ¼ SE ¼
Flat Rock	4304720502	Phillips Flatrock 4 PA 4450' WESTC 7/24/03 11/20/03 Miller-Dyer agrees Del-Rio has rights to 30-6	Township 14 South, Range 20 East, Uintah County, SLM, Utah Section 30: NE ¼ NW ¼
Flat Rock	4304720502	Del-Rio/Orion 30-5A	Township 14 South, Range 20 East, Uintah County, SLM, Utah Section 30: NE ¼ NE ¼
Flat Rock	4304733596	Del-Rio/Orion 30-6A P 11233'	Township 14 South, Range 20 East, Uintah County, SLM, Utah Section 30: SE ¼ SE ¼

* 11/24/03 Miller-Dyer agrees Del-Rio has rights to 30-6
not moved - ER 11/26/03

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: 9/8/2003	
FROM: (Old Operator): N0330-Del-Rio Resources, Inc. (thru Shaw Resources LTD, LLC) PO Box 459 Vernal, UT 84078 Phone: 1-(435) 789-5240	TO: (New Operator): N2580-Miller, Dyer & Co., LLC 475 17th St, Suite 420 Denver, CO 80202 Phone: 1-(303) 292-0949

CA No.

Unit:

WELL(S)								
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
DEL-RIO/ORION 28-1A	28	140S	200E	4304733595	13059	Federal	GW	TA
OIL CANYON 29-1A	29	140S	200E	4304730981	8118	Federal	GW	P
DEL-RIO/ORION 29-2A	29	140S	200E	4304732945	8118	Federal	OW	TA
DEL-RIO/ORION 29-3A	29	140S	200E	4304732946	12470	Federal	GW	TA
DEL-RIO/ORION 29-4A	29	140S	200E	4304733616	13060	Federal	GW	TA
DEL-RIO/ORION 29-5A	29	140S	200E	4304733617	13061	Federal	GW	P
DEL-RIO/ORION 29-6A	29	140S	200E	4304734102	13443	Federal	GW	P
DEL-RIO/ORION 29-7A	29	140S	200E	4304734103	13444	Federal	GW	P
DEL-RIO/ORION 29-8ADJP	29	140S	200E	4304734482		Federal	GW	LA
DEL-RIO/ORION 29-9ADJP	29	140S	200E	4304734483		Federal	GW	LA
DEL-RIO/ORION 29-10ADJP	29	140S	200E	4304734484		Federal	GW	LA
DEL-RIO/ORION 30-3A	30	140S	200E	4304710913	12395	Federal	OW	P
DEL-RIO 30-1	30	140S	200E	4304715764	8111	Federal	GW	TA
DEL-RIO/ORION 30-5A	30	140S	200E	4304720502	12654	Federal	GW	P
FLATROCK 30-2A	30	140S	200E	4304730641	8112	Federal	GW	P
FLATROCK 30-3A	30	140S	200E	4304730729	11181	Federal	OW	TA

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 10/22/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 10/22/2003
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 10/15/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 4778935-0161
5. If **NO**, the operator was contacted on: _____

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

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 10/16/2003 BIA

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

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

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

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 11/26/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 11/26/2003
3. Bond information entered in RBDMS on: n/a
4. Fee wells attached to bond in RBDMS on: n/a
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New 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: UT 1245

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:

Lease Owner Shaw Resources LTD, LLC designated Miller, Dyer & Co., LLC. Proof of lease was obtained from SITLA and BLM.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED FEB 23 2005

FORM APPROVED

Budgeted Bureau No. 1004-0135

Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS OF OIL, GAS & MINING. Do not use this form for proposals to drill or deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well [X] Oil Well [] Gas well [] Other

2. Name of Operator Miller Dyer Resources LLC

3. Address and Telephone No. 475 17th Street, Suite 1200, Denver, CO 80202 303-292-0949

4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1941' FSL 1890" FWL NESW Sec 30, T14S, R20E, SLM

5. Lease Designation and Serial No. UTU019837

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation N/A

8. Well Name and No. FLAT ROCK Del-Rio/Orion 30-2A

9. API Well No. 4304730641

10. Field and Pool, or Exploratory Area Flat Rock

11. County or Parish, State Uintah

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

Table with 2 columns: TYPE OF SUBMISSION and TYPE OF ACTION. Includes options like Notice of Intent, Subsequent Report, Final Abandonment Notice, Abandonment, Recompletion, Plugging Back, Casing repair, Altering Casing, Other workover - Status Report, Change of Plans, New Construction, Non-Routine Fracturing, Water Shut-off, Conversion to Injection, and Dispose Water.

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

Ran in hole to repair Hole-In-Tubing (HIT). Tagged CIBP @ 3829'. Set tubing (Notched Collar) at 3705' and rig up for rod pumping.

Attached is updated wellbore configuration.

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

Signed [Signature] Title Operations Secretary Date 02/18/05

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____ Conditions of approval, if any: _____

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

*See Instruction on Reverse Side

Miller, Dyer & Co., LLC

DAILY COMPLETION REPORT

Lease & Well No. 30-2A

- 12/6/2004 Motor to location- assisted down the hill by a D-7 Catapiller
RU completion unit over well- and hook up associated equipment
Hook onto rod with pony rod- remove horses head and bridal. Come out of hole with polish rod and 4' pony rod- Pull two stands of 3/4" rods; rods covered with paraffin. Well will need to be circulated with hot oil truck to clean paraffin. Truck not available until Wednesday morning. SDFN
- 12/8/2004 Hold safety meeting- discuss today's operation- Add polish rod to rod string and close BOP's- RU to reverse circulate and clean well of paraffin-
Wait on Hot Oil Truck- had trouble getting to location.
Heat produced water to 180 degrees- Attempt to unplug flow line to production tank. Lay hard line to tank.
Reverse circulate with 180 degree production water- 70 bbls pumped before returns were established- A lot of paraffin in returns- 180 bbls total pumped
With approx 140 bbls circulated, some gas present in returns. We stopped pumping for a period with well flowing for 10 minutes. Clean returns at 180 bbls circulated. Well returned gas for a short period after shut down. Transfer hydrocarbons and water to production tank. Drain lines.
To late to come out of hole with rods- send crew to Ute Tribal 10-2 for 2 7/8" tubing, loaded on trailer. Tubing needed to tag fill and set pump when needed.(All roustabout crews busy with gas lines.)
- 12/9/2004 Hold safety meeting- discuss today's operation- 25 PSI CASING 0 PSI TUBING
TOOH with rod string as follows- polish rod 26', pony rod 6', 146 ea 7/8" rods 3650', pony rod 1" X 4', and pump 15'. (3701' total)
NU 6" 3M BOPE to tubing head- RU power tongs and prepare to RIH with more tubing to check for fill.
Unseat tubing from tubing head- String weight = 21,000 lbs, pull 20,000 over to unseat tubing- No anchor or packer in hole. Pull up one stand and lower back in hole. String weight stayed at 21,00 lbs. Pick up 2 joints 2 7/8 tubing. Tag fill half way in hole with second joint or at 3746'.
Prepare and RU to reverse circulate- wait 1 hour for water to be delivered to location.
Reverse circulate to clean out fill in well bore- 40 bbls to establish circulation- pump 80 bbls total with some paraffin, and coal fines in returns. Circulate and attempt to drill with power tongs. Could not make any hole. Shut down circulation when returns were clean. Decision made to TOOH with tubing, lally and stand back. Decide what to run back in hole after we see what we have on bottom of string. Prepare to TOOH.
TOOH with tubing- Stand back 1800'. Drain up lines and SDFN
- 12/10/2004 Hold safety meeting- discuss today's operation- 25 PSI CASING 0 PSI TUBING
TOOH with tubing- Stand back - 122 joints, 6' perforated sub and 1 joint 2 7/8 tubing with the first 6' of it perforated and the bottom bull nosed with a 1/2" opening on bottom. Total depth = 3738.61'.
RIH with notched collar, seating nipple and tubing string. Tag fill at 3779.53'
Rig up to reverse circulate- clean out fill in well bore
Circulate down 46 feet- fairly clean returns with some paraffin, sand and coal fines. At 3827' hit hard packed sand and coal fines.
RU power swivel - rotate and reverse circulate. A lot of sand and some paraffin in returns. Clean only 2' of fill to 3829' and stacked out. Could not drill or gain back any string weight added when stacked out on plug. No signs of cement in returns, and returns cleaned up of sand after a period.
RD power swivel.
Lay down 4 joint of 2 7/8 tubing- lower tubing and set into tubing head- landing notched collar at 3705'
Drop standing valve and test tubing to 1900 psi. RIH with overshot, and sinker bar on sand line - retrieve standing valve- Drain all lines and SDFN

NOTE- Pump did not belong to Weatherford. It only had a 90" stroke, 27" shorter than the one Weatherford delivered. The stroke on old pump did not look like it had enough room to travel the distance of the pump jack. I do not know who pump belongs to, but will try and find out.
We stacked out on a bridge plug or cement- Tried drilling with notched collar for a period but could not gain any depth. Returns were clean when we shut down circulation. Nothing more on top of plug.
- 12/11/2004 Hold safety meeting- discuss today's operation- 25 PSI CASING 0 PSI TUBING
ND 6" 3M BOPE- prepare to run pump and rod string.
RIH with pump and rod string : Weatherford pump (18.90'), 1" pony rod (4'), 7/8" rods 146 ea (3650'), 7/8" pony rod (8'), and polish rod (26').
Total string length= 3706.9'. Reattach horses head and hang string in bridal. Rotate pump jack to insure proper spacing.
RD completion - prepare to move of location.
- 2/8/2005 On location- hot oiler had pressured tubing to 250 psi with cold fresh water- had caught pressure immediately, indicating well was plugged at well head. Could not pump back through well head and out flow line. I had hot oil truck take on 50 bbls of water and heat to 150 degrees. We then tried pumping down flow line. It pressured up to 350 psi and held, so we just held pressure on line. Slowly line opened up to tank. We started pumping down tubing, catching pressure and staying at 250 psi. It dropped of for a short period then pressured back up again, after pumping approx 2 bbls. Also at this time, black paraffin and wax started coming from top of stuffing box. We then started pumping down casing with approx 45 bbls of 160 degree water. About 10 bbls away we kicked pump jack in gear. After a period water was coming from tubing and out 1" valve on flow "T". Watched water flow for a period then turned down flow line. Motor on pump jack quit because gas line had been shut off for us to pump down casing.

After we finished pumping the 45 bbls down casing, we then started pump jack up again. In approx 15 minutes water started out the flow "T" once

again, pumping water on every stroke. Well put on production.

1- Paraffin and coal fines on top of tubing in well head, and down flow line. Setting up in cold weather.

2- Pump working fine. I think we are just plugging off- Well see what happens from todays activities. Well will not be shut in for any period of time like it was before. With no down time maybe we won't have the build up.

Should think about pumping some condensate on a regular basis or pump a dispersant down casing on a regular schedule.

NOT A RIG REPORT- JUST REPORTING TODAYS ACTIVITIES ON WELL

Del-Rio/Orion 30-2A

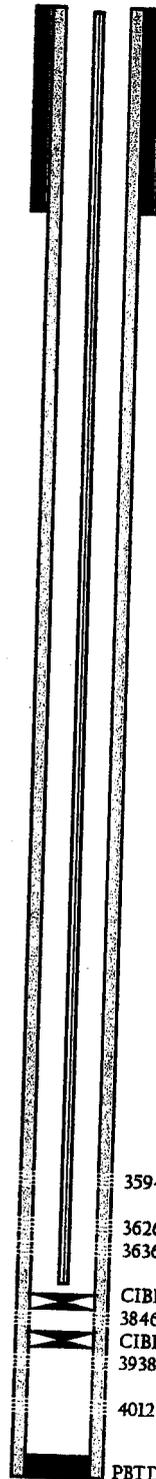
API Number 43-047-30641
Location 1941' FSL 1890' FWL (surface, producing interval & TD) NESW 30, T14S, R20E, SLM, Uintah County, Utah
Elevations GI 7280', KB 7293'
Date spudded surface hole 12/29/1979
Date ready for production 10/20/1980
TD MD 4410';
PBTD MD ?

CASING AND LINER RECORD
20' CASING SET AT 40'

8-5/8" CASING SET AT 222' WITH 175 SACKS

5-1/2" CASING SET AT 4000' WITH 376 SACKS

TUBING RECORD
2-7/8" SET AT ?



Workover on 12/6/2004

Ran in hole and tagged plug back T.D.
@ 3829'.

Rig well up to rod pump.

REVISED 2/16/2005

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 deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No. UTU-19837
6. If Indian, Allottee or Tribe Name
7. If unit or CA, Agreement Designation N/A
8. Well Name and No. See attached schedule
9. API Well No. See attached schedule
10. Field and Pool, or Exploratory Area Flat Rock
11. County or Parish, State Uintah

SUBMIT IN TRIPLICATE

1. Type of Well [] Oil Well [X] Gas well [] Other
2. Name of Operator Miller, Dyer & Co. LLC
3. Address and Telephone No. 475 17th Street, Suite 1200, Denver, CO 80202 303-292-0949
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) See attached schedule

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

Table with columns TYPE OF SUBMISSION and TYPE OF ACTION. Includes checkboxes for Notice of Intent, Subsequent Report, Final Abandonment Notice, Abandonment, Recompletion, Plugging Back, Casing repair, Altering Casing, Other Well Name Change, Change of Plans, New Construction, Non-Routine Fracturing, Water Shut-off, Conversion to Injection, and Dispose Water.

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

Miller, Dyer & Co. LLC hereby designates a change in the well name of the above captioned wells effective 9/19/2005 as requested by the Ute Indian Tribe and the Bureau of Indian Affairs.

The words Del-Rio/Orion will be replaced with Ute Tribal on each of the wells.

Accepted by the Utah Division of Oil, Gas and Mining

Federal Approval Of This Action Is Necessary

Date: 10/14/05 By: [Signature]

COPY SENT TO OPERATOR Date: 10-12-05 Initials: CHD

14. I hereby certify that the foregoing is true and correct. Signed [Signature] Title Vice President of Operations Date 09/19/05

(This space of Federal or State office use.) Approved by _____ Title _____ Date _____ Conditions of approval, if any: _____

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

*See Instruction on Reverse Side

RECEIVED SEP 2 / 2005

UTAH DIVISION OF OIL, GAS & MINING

UTU-19837

<u>Field</u>	<u>API</u>	<u>Old Well Name</u>	<u>New Well Name</u>	<u>Well Location</u>
Flat Rock	4304715764	Del-Rio/Orion 30-1	Ute Tribal 30-1	<u>Township 14 South, Range 20 East,</u> <u>Uintah County, SLM, Utah</u> Section 30: SW ¼ NE ¼
Flat Rock	4304730641	Flatrock 30-2A	Ute Tribal 30-2A	<u>Township 14 South, Range 20 East,</u> <u>Uintah County, SLM, Utah</u> Section 30: NE ¼ SW ¼
Flat Rock	4304730729	Flatrock 30-3A	Ute Tribal 30-3A	<u>Township 14 South, Range 20 East,</u> <u>Uintah County, SLM, Utah</u> Section 30: SE ¼ NW ¼
Flat Rock	4304710913	Del-Rio/Orion 30-3A	Ute Tribal 30-3A	<u>Township 14 South, Range 20 East,</u> <u>Uintah County, SLM, Utah</u> Section 30: NE ¼ SE ¼
Flat Rock	4304720502	Del-Rio/Orion 30-5A	Ute Tribal 30-5A	<u>Township 14 South, Range 20 East,</u> <u>Uintah County, SLM, Utah</u> Section 30: NE ¼ NE ¼
Flat Rock	4304733596	Del-Rio/Orion 30-6A	Ute Tribal 30-6A	<u>Township 14 South, Range 20 East,</u> <u>Uintah County, SLM, Utah</u> Section 30: SE¼ SE ¼

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
2. CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

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

6/1/2008

FROM: (Old Operator): N2580-Miller, Dyer & Co, LLC 475 17th St, Suite 1200 Denver, CO 80202 Phone: 1 (303) 292-0949	TO: (New Operator): N2680-Whiting Oil & Gas Company 1700 Broadway, Suite 2300 Denver, CO 80290 Phone: 1 (303) 837-1661
--	--

WELL NAME	CA No.	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST									

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/5/2008
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/5/2008
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 7/16/2008
- 4a. Is the new operator registered in the State of Utah: Business Number: 5890476-0143
- 4b. If **NO**, the operator was contacted on: _____
- 5a. (R649-9-2)Waste Management Plan has been received on: REQUESTED 7/16/2008
- 5b. Inspections of LA PA state/fee well sites complete on: done
- 5c. Reports current for Production/Disposition & Sundries on: ok
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA not yet
7. **Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
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: 7/16/2008
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/16/2008
3. Bond information entered in RBDMS on: 7/16/2008
4. Fee/State wells attached to bond in RBDMS on: 7/16/2008
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: 7/16/2008

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UTB000148
2. Indian well(s) covered by Bond Number: RLB0011681
- 3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number RLB0004585
- 3b. The **FORMER** operator has requested a release of liability from their bond on: not yet

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached List
		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 type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: See Attached List
2. NAME OF OPERATOR: Whiting Oil And Gas Company <i>N2680</i>		9. API NUMBER:
3. ADDRESS OF OPERATOR: 1700 Broadway, Ste 2300 CITY Denver STATE CO ZIP 80290		10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE:		COUNTY:
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"/> 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 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.

Effective 6/1/2008, please change the Operator of record from Miller, Dyer & Co., LLC to Whiting Oil and Gas Corporation. Whiting Oil and Gas Corporation Utah State bond is #~~RLB0001676~~ or Utah BLM Bond #UTB-000148. See attached well list.

RLB0004585
BIA RLB0011681

Whiting Oil and Gas Corporation
1700 Broadway, Suite 2300
Denver, CO 80290
(303) 837-1661

Miller, Dyer & Co., LLC
475 17th Street, Suite 1200 *N2580*
Denver, CO 80202

Miller, Dyer & Co., LLC

RECEIVED
JUN 05 2008
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>JEFFREY H. LANG</u>	TITLE <u>VP OPERATIONS</u>
SIGNATURE <u><i>JHL</i></u>	DATE <u>6/3/08</u>
Whiting Oil and Gas Corporation	
NAME (PLEASE PRINT) <u>Rick Ross</u>	TITLE <u>VP OPERATIONS</u>
SIGNATURE <u><i>R Ross</i></u>	DATE <u>6/3/08</u>

(This space for State use only)

APPROVED 7/16/2008
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

well name	sec	twp	rng	api	entity	lease	well	stat 2	flag
UTE TRIBAL 32-5A	32	140S	200E	4304710577	12655	State	GW	S	
UTE TRIBAL 30-3A	30	140S	200E	4304710913	12395	Federal	OW	P	
UTE TRIBAL 30-5A	30	140S	200E	4304720502	12654	Federal	GW	S	
UTE TRIBAL 30-2A	30	140S	200E	4304730641	8112	Federal	GW	P	
UTE TRIBAL 29-1A	29	140S	200E	4304730981	8118	Federal	GW	P	
UTE TRIBAL 32-1A	32	140S	200E	4304732758	12064	State	OW	P	
UTE TRIBAL 29-2A	29	140S	200E	4304732945	8118	Federal	OW	P	
UTE TRIBAL 32-2A	32	140S	200E	4304733333	12658	State	GW	P	
UTE TRIBAL 32-3A	32	140S	200E	4304733334	12657	State	GW	S	
UTE TRIBAL 32-4A	32	140S	200E	4304733335	12656	State	GW	P	
UTE TRIBAL 32-6A	32	140S	200E	4304733337	12662	State	GW	P	
CHIMNEY ROCK 32-11	32	130S	210E	4304733445	12984	State	GW	S	
CHIMNEY ROCK 32-13	32	130S	210E	4304733447	12985	State	GW	P	
CHIMNEY ROCK 32-14	32	130S	210E	4304733448	12983	State	GW	P	
UTE TRIBAL 32-8A	32	140S	200E	4304733557	13066	State	GW	P	
UTE TRIBAL 32-12A	32	140S	200E	4304733558	13064	State	GW	P	
UTE TRIBAL 28-1A	28	140S	200E	4304733595	13059	Federal	GW	S	
UTE TRIBAL 30-6A	30	140S	200E	4304733596	13062	Federal	GW	P	
UTE TRIBAL 29-4A	29	140S	200E	4304733616	13060	Federal	GW	P	
UTE TRIBAL 29-5A	29	140S	200E	4304733617	13061	Federal	GW	P	
UTE TRIBAL 32-7A	32	140S	200E	4304733618	13065	State	GW	S	
UTE TRIBAL 32-9A	32	140S	200E	4304733619	13067	State	GW	P	
UTE TRIBAL 32-10A	32	140S	200E	4304733620	13054	State	GW	P	
UTE TRIBAL 32-11A	32	140S	200E	4304733621	13058	State	GW	S	
UTE TRIBAL 32-16A	32	140S	200E	4304734098	13449	State	GW	P	
UTE TRIBAL 29-6A	29	140S	200E	4304734102	13443	Federal	GW	P	
UTE TRIBAL 29-7A	29	140S	200E	4304734103	13444	Federal	GW	P	
UTE TRIBAL 10-2-15-20	02	150S	200E	4304735625	14167	State	GW	P	
FLAT ROCK 13-29-14-20	29	140S	200E	4304736778	15065	Federal	GW	P	
FLAT ROCK 3-29-14-20	29	140S	200E	4304736795	15099	Federal	GW	P	
UTE TRIBAL 6-16-14-20	16	140S	200E	4304738506	16320	State	GW	P	
UTE TRIBAL 15-25-14-19	30	140S	200E	4304739052	16169	Indian	GW	P	C
UTE TRIBAL 1-25-14-19	30	140S	200E	4304739053		Indian	GW	APD	
UTE TRIBAL 1-30-14-20	30	140S	200E	4304739665		Federal	GW	APD	
UTE TRIBAL 9-30-14-20	30	140S	200E	4304739666		Federal	GW	APD	
UTE TRIBAL 7-30-14-20	30	140S	200E	4304739667		Federal	GW	APD	
UTE TRIBAL 7-29-14-20	29	140S	200E	4304739668		Federal	GW	APD	
UTE TRIBAL 9-29-14-20	29	140S	200E	4304739669		Federal	GW	APD	
UTE TRIBAL 12-28-14-20	28	140S	200E	4304739736		Federal	GW	APD	
UTE TRIBAL 1-29-14-20	29	140S	200E	4304739737		Federal	GW	APD	
UTE TRIBAL 15-29-14-20	29	140S	200E	4304739738		Federal	GW	APD	
UTE TRIBAL 3-30-14-20	30	140S	200E	4304739739		Federal	GW	APD	
UTE TRIBAL 11-30-14-20	30	140S	200E	4304739740		Federal	GW	APD	
UTE TRIBAL 3-32-14-20	32	140S	200E	4304739741		State	GW	APD	
UTE TRIBAL 15-30-14-20	30	140S	200E	4304739942		Federal	GW	APD	



United States Department of the Interior
BUREAU OF LAND MANAGEMENT

Vernal Field Office
170 South 500 East
Vernal, UT 84078
(435) 781-4400 Fax: (435) 781-4410

<http://www.blm.gov/ut/st/en/fo/vernal/html>



IN REPLY REFER TO:
3162.3
LLUTG01100

December 4, 2008

John D'Hooge
Whiting Oil and Gas Corporation
1700 Broadway, Suite 2300
Denver, CO 80290

4304730641

Re: Change of Operator
Well No. Ute Tribal 30-2A
NESW, Sec. 30, T14S, R20E
Uintah County, Utah
Lease No. UTU-019837

Dear Mr. D'Hooge:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective June 1, 2008, Whiting Oil and Gas Corporation is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UTB000148, for all operations conducted on the referenced well on the leased land.

If you have any other questions regarding this matter, please contact Cindy Severson of this office at (435) 781-4455.

Sincerely,

Benna R. Muth
I. & E Specialist

cc: UDOGM
Miller, Dyer & Co., LLC

RECEIVED
DEC 10 2008
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

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

5. Lease Serial No. **UTU-019837**

6. If Indian, Allottee or Tribe Name
Ute Indian Tribe (Surface)

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well
 Oil Well Gas Well Other

7. If Unit of CA/Agreement, Name and/or No.
N/A

8. Well Name and No.
UTE TRIBAL 30-2A

2. Name of Operator
WHITING OIL & GAS CORP.

9. API Well No. **43-047-30641**

3a. Address
1700 BROADWAY, SUITE 2300, DENVER CO 80290

3b. Phone No. (include area code)
303-837-1661

10. Field and Pool or Exploratory Area
FLAT ROCK

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1896' FWL, 1941' FSL, NESW, SEC 30, T14S, R20E

11. Country or Parish, State
UINTAH, UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input 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 Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Effective 6/1/2008, please change the Operator of record from Miller, Dyer & Co., LLC to Whiting Oil & Gas Corporation. Whiting Oil and Gas Corporation's Utah BLM bond is for \$25,000 under bond number UTB-000148.

Please be advised that Whiting Oil and Gas Corp. is considered to be the operator of the above referenced well and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands.

Whiting Oil and Gas Corporation
1700 Broadway, Suite 2300
Denver, CO 80290
(303) 837-1661

RECEIVED

DEC 18 2008

DIV. OF OIL, GAS & MINING

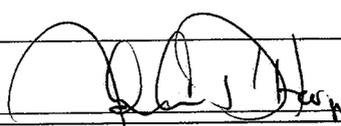
RECEIVED
VERNAL FIELD OFFICE
2008 JUN 2 PM 4 01
DEPT OF THE INTERIOR
BUREAU OF LAND MGMT

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

John D'Hooge

Title **Central Rockies Asset Manager**

Signature



Date

6/1/08

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Berna Brorath

IEE Specialist

Date **12-4-08**

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

VERNAL FIELD OFFICE

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



Division of Oil, Gas and Mining

Operator Change/Name Change Worksheet-for State use only

Effective Date: 8/1/2015

FORMER OPERATOR:	NEW OPERATOR:
WHITING OIL & GAS CORPORATION N2680 1700 BROADWAY SUITE 2300 DENVER CO 80290	COBRA OIL & GAS CORPORATION N4270 PO BOX 8206 WICHITA FALLS TX 76307-8206
CA Number(s):	Unit Name: None

WELL INFORMATION:

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
See Attached List									

OPERATOR CHANGES DOCUMENTATION:

1. Sundry or legal documentation was received from the **FORMER** operator on: 8/4/2015
2. Sundry or legal documentation was received from the **NEW** operator on: 8/4/2015
3. New operator Division of Corporations Business Number: 9442951-0143

REVIEW:

1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A
2. Receipt of Acceptance of Drilling Procedures for APD on: N/A
3. Reports current for Production/Disposition & Sundries: 10/5/2015
4. OPS/SI/TA well(s) reviewed for full cost bonding: 10/2/2015
5. UIC5 on all disposal/injection/storage well(s) approved on: N/A
6. Surface Facility(s) included in operator change: Chimney Rock Compressor
Flat Rock Compressor
7. Inspections of PA state/fee well sites complete on (only upon operators request): 10/15/2015

NEW OPERATOR BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: B009425
2. Indian well(s) covered by Bond Number: B009425
3. State/fee well(s) covered by Bond Number(s): B009455
B009568-FCB
B009567-FCB
B009566-FCB

DATA ENTRY:

1. Well(s) update in the **OGIS** on: 10/14/2015
2. Entity Number(s) updated in **OGIS** on: 10/14/2015
3. Unit(s) operator number update in **OGIS** on: N/A
4. Surface Facilities update in **OGIS** on: N/A
5. State/Fee well(s) attached to bond(s) in **RBDMS** on: 10/14/2015
6. Surface Facilities update in **RBDMS** on: 10/14/2015

LEASE INTEREST OWNER NOTIFICATION:

1. The **NEW** operator of the Fee (Mineral) 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:

From: Whiting Oil Gas Corporation

To: Cobra Oil Gas Corporation

Effective: 8/1/2015

Well Name	Section	TWN	RNG	API Number	Entity	Mineral	Surface	Type	Status
UTE TRIBAL 32-5A	32	140S	200E	4304710577	12655	State	Indian	GW	P
UTE TRIBAL 30-3A	30	140S	200E	4304710913	12395	Federal	Indian	OW	P
UTE TRIBAL 29-1A	29	140S	200E	4304730981	8118	Federal	Indian	GW	P
UTE TRIBAL 32-2A	32	140S	200E	4304733333	12658	State	Indian	GW	P
UTE TRIBAL 32-6A	32	140S	200E	4304733337	12662	State	Indian	GW	P
CHIMNEY ROCK 32-13	32	130S	210E	4304733447	12985	State	State	GW	P
CHIMNEY ROCK 32-14	32	130S	210E	4304733448	12983	State	State	GW	P
UTE TRIBAL 32-8A	32	140S	200E	4304733557	13066	State	Indian	GW	P
UTE TRIBAL 32-12A	32	140S	200E	4304733558	13064	State	Indian	GW	P
UTE TRIBAL 30-6A	30	140S	200E	4304733596	13062	Federal	Indian	GW	P
UTE TRIBAL 29-5A	29	140S	200E	4304733617	13061	Federal	Indian	GW	P
UTE TRIBAL 32-7A	32	140S	200E	4304733618	13065	State	Indian	GW	P
UTE TRIBAL 32-9A	32	140S	200E	4304733619	13067	State	Indian	GW	P
UTE TRIBAL 32-10A	32	140S	200E	4304733620	13054	State	Indian	GW	P
UTE TRIBAL 32-16A	32	140S	200E	4304734098	13449	State	Indian	GW	P
UTE TRIBAL 29-6A	29	140S	200E	4304734102	13443	Federal	Indian	GW	P
UTE TRIBAL 29-7A	29	140S	200E	4304734103	13444	Federal	Indian	GW	P
UTE TRIBAL 10-2-15-20	2	150S	200E	4304735625	14167	State	Indian	GW	P
FLAT ROCK 13-29-14-20	29	140S	200E	4304736778	15065	Federal	Indian	GW	P
FLAT ROCK 3-29-14-20	29	140S	200E	4304736795	15099	Federal	Indian	GW	P
UTE TRIBAL 6-16-14-20	16	140S	200E	4304738506	16320	State	Indian	GW	P
UTE TRIBAL 15-25-14-19	30	140S	200E	4304739052	16169	Indian	Indian	GW	P
UTE TRIBAL 1-30-14-20	30	140S	200E	4304739665	16997	Federal	Indian	GW	P
UTE TRIBAL 3-30-14-20	30	140S	200E	4304739739	17526	Federal	Indian	GW	P
UTE TRIBAL 11-30-14-20	30	140S	200E	4304739740	17358	Federal	Indian	GW	P
UTE TRIBAL 5-32-14-20	32	140S	200E	4304739741	17406	State	Indian	GW	P
UTE TRIBAL 15-30-14-20	30	140S	200E	4304739942	17237	Federal	Indian	GW	P
UTE TRIBAL 1-25-14-19	30	140S	200E	4304750654	17454	Indian	Indian	GW	P
UTE TRIBAL 13-25-14-19	26	140S	190E	4304750689	17808	Indian	Indian	GW	P
UTE TRIBAL 5-25-14-19	26	140S	190E	4304750690	17760	Indian	Indian	GW	P
UTE TRIBAL 3-25-14-19	30	140S	200E	4304751030	17759	Indian	Indian	GW	P
CHIMNEY ROCK 32-11	32	130S	210E	4304733445	12984	State	State	GW	PA
UTE TRIBAL 32-11A	32	140S	200E	4304733621	13058	State	Indian	GW	PA
FLAT ROCK 13-32-14-20	32	140S	200E	4304736992	17354	State	Indian	D	PA
FLAT ROCK 14-32-14-20	32	140S	200E	4304736993	17355	State	Indian	D	PA
FLAT ROCK 15-32-14-20	32	140S	200E	4304736994	17356	State	Indian	D	PA
UTE TRIBAL 8-25-14-19	30	140S	200E	4304739053	17353	Indian	Indian	D	PA
UTE TRIBAL 30-5A	30	140S	200E	4304720502	12654	Federal	Indian	GW	S
UTE TRIBAL 30-2A	30	140S	200E	4304730641	8112	Federal	Indian	GW	S
UTE TRIBAL 32-1A	32	140S	200E	4304732758	12064	State	Indian	OW	S
UTE TRIBAL 29-2A	29	140S	200E	4304732945	8118	Federal	Indian	OW	S
UTE TRIBAL 32-3A	32	140S	200E	4304733334	12657	State	Indian	GW	S
UTE TRIBAL 32-4A	32	140S	200E	4304733335	12656	State	Indian	GW	S
UTE TRIBAL 28-1A	28	140S	200E	4304733595	13059	Federal	Indian	GW	S
UTE TRIBAL 29-4A	29	140S	200E	4304733616	13060	Federal	Indian	GW	S

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:
See attached exhibit

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
See attached exhibit

7. UNIT or CA AGREEMENT NAME:
See attached exhibit

8. WELL NAME and NUMBER:
See attached exhibit

9. API NUMBER:
See attach

10. FIELD AND POOL, OR WILDCAT:
See attached exhibit

1. TYPE OF WELL OIL WELL GAS WELL OTHER See attached exhibit

2. NAME OF OPERATOR:
COBRA OIL & GAS CORPORATION N4270

3. ADDRESS OF OPERATOR: PO Box 8206 Wichita Falls TX 76307-8206 PHONE NUMBER: (940) 716-5100

4. LOCATION OF WELL
FOOTAGES AT SURFACE: See attached exhibit COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: <u>8/1/2015</u>	<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.

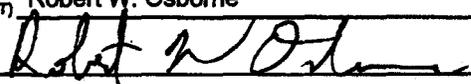
Effective August 1, 2015, Whiting Oil & Gas Corporation resigned as Operator of the wells listed on the attached Exhibit, and Cobra Oil & Gas Corporation has been designated as successor Operator.

Cobra Oil & Gas Corporation
PO Box 8206
Wichita Falls, TX 76307-8206
Phone: (940) 716-5100

Whiting Oil & Gas Corporation N2680
1700 Broadway, Suite 2300
Denver, CO 80290
Phone: (303) 837-1661


Rick Ross, Senior Vice President - Operations

Bonds through U.S. Specialty Insurance Company
Utah State Bond: B009455
BLM Nationwide Bond: B009425

NAME (PLEASE PRINT) Robert W. Osborne TITLE Vice President
SIGNATURE  DATE 7/14/15

(This space for State use only)

APPROVED

(5/2000)

(See Instructions on Reverse Side)

OCT 14 2015

DIV. OIL GAS & MINING
BY: Rachel Medina

Well Exhibit for Utah DOGM

LEASE/UNIT	Lease #	Tribe Name	API #	FIELD	COUNTY	STATE	RESERVOIR	LOCATION: SEC - TWP - RNG
CHIMNEY ROCK 32-11	ML-47437		4304733445	SEEP RIDGE B	UINTAH	UT	DAKOTA	32-T13S-R21E
CHIMNEY ROCK 32-13	ML-47437		4304733447	SEEP RIDGE B	UINTAH	UT	DAKOTA-CEDAR MOUNTAIN	32-T13S-R21E
CHIMNEY ROCK 32-14	ML-47437		4304733448	SEEP RIDGE B	UINTAH	UT	DAKOTA-CEDAR MOUNTAIN	32-T13S-R21E
FLAT ROCK 13-29-14-20	UTU10166		4304736778	FLAT ROCK	UINTAH	UT	ENTRADA	29-T14S-R20E
FLAT ROCK 13-32-14-20	ML-44317		4304736992	FLAT ROCK	UINTAH	UT	WINGT	32-T14S-R20E
FLAT ROCK 14-32-14-20	ML-44317		4304736993	FLAT ROCK	UINTAH	UT	MESA VERDE	32-T14S-R20E
FLAT ROCK 15-32-14-20	ML-44317		4304736994	FLAT ROCK	UINTAH	UT	MESA VERDE	32-T14S-R20E
FLAT ROCK 30-3A	UTU019837		4304730729	FLAT ROCK	UINTAH	UT	N/A	30-T14S-R20E
FLAT ROCK 3-29-14-20	UTU10166		4304736795	FLAT ROCK	UINTAH	UT	ENTRADA	29-T14S-R20E
UTE TRIBAL 10-2-15-20	ML-46842		4304735625	FLAT ROCK	UINTAH	UT	WASATCH	2-T15S-R20E
UTE TRIBAL 11-30-14-20	UTU019837		4304739740	FLAT ROCK	UINTAH	UT	DAKOTA-BUCKHORN	30-T14S-R20E
UTE TRIBAL 1-25-14-19	1420H625581	Ute Tribe	4304750654	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 1-30-14-20	UTU019837		4304739665	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 13-25-14-19	1420H625581	Ute Tribe	4304750689	FLAT ROCK	UINTAH	UT	ENTRADA	26-T14S-R19E
UTE TRIBAL 15-25-14-19	1420H625581	Ute Tribe	4304739052	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 15-30-14-20	UTU019837		4304739942	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 28-1A	UTU10166		4304733595	FLAT ROCK	UINTAH	UT	DAKOTA	28-T14S-R20E
UTE TRIBAL 29-1A	UTU10166		4304730981	FLAT ROCK	UINTAH	UT	WASATCH	29-T14S-R20E
UTE TRIBAL 29-2A	UTU10166		4304732945	FLAT ROCK	UINTAH	UT	WASATCH	29-T14S-R20E
UTE TRIBAL 29-3A	UTU10166		4304732946	FLAT ROCK	UINTAH	UT	WASATCH	29-T14S-R20E
UTE TRIBAL 29-4A	UTU10166		4304733616	FLAT ROCK	UINTAH	UT	DAKOTA	29-T14S-R20E
UTE TRIBAL 29-5A	UTU10166		4304733617	FLAT ROCK	UINTAH	UT	CEDAR MOUNTAIN	29-T14S-R20E
UTE TRIBAL 29-6A	UTU10166		4304734102	FLAT ROCK	UINTAH	UT	CURTIS-ENTRADA	29-T14S-R20E
UTE TRIBAL 29-7A	UTU10166		4304734103	FLAT ROCK	UINTAH	UT	CURTIS-ENTRADA	29-T14S-R20E
UTE TRIBAL 30-1	UTU019837		4304715764	FLAT ROCK	UINTAH	UT	WASATCH	30-T14S-R20E
UTE TRIBAL 30-2A	UTU019837		4304730641	FLAT ROCK	UINTAH	UT	WASATCH	30-T14S-R20E
UTE TRIBAL 30-3A	UTU019837		4304710913	FLAT ROCK	UINTAH	UT	WASATCH	30-T14S-R20E
UTE TRIBAL 30-4A	UTU019837		4304716520	FLAT ROCK	UINTAH	UT	TW	30-T14S-R20E
UTE TRIBAL 30-5A	UTU019837		4304720502	FLAT ROCK	UINTAH	UT	WASATCH	30-T14S-R20E
UTE TRIBAL 30-6A	UTU019837		4304733596	FLAT ROCK	UINTAH	UT	DAKOTA	30-T14S-R20E
UTE TRIBAL 32-10A	ML-44317		4304753620	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-11A	ML-44317		4304733621	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-12A	ML-44317		4304733558	FLAT ROCK	UINTAH	UT	CEDAR MOUNTAIN	32-T14S-R20E
UTE TRIBAL 32-16A	ML-44317		4304734098	FLAT ROCK	UINTAH	UT	DAKOTA-CEDAR MOUNTAIN	32-T14S-R20E
UTE TRIBAL 32-1A	ML-44317		4304732758	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-2A	ML-44317		4304733333	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-3A	ML-44317		4304733334	FLAT ROCK	UINTAH	UT	WASATCH-MESAVERDE	32-T14S-R20E
UTE TRIBAL 32-4A	ML-44317		4304733335	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 3-25-14-19	1420H625581	Ute Tribe	4304751030	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E

Well Exhibit for Utah DOGM

LEASE/UNIT	Lease #	Tribe Name	API #	FIELD	COUNTY	STATE	RESERVOIR	LOCATION: SEC - TWP - RNG
UTE TRIBAL 32-5A	ML-44317		4304710577	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-6A	ML-44317		4304733337	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-7A	ML-44317		4304733618	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-8A	ML-44317		4304733557	FLAT ROCK	UINTAH	UT	DAKOTA	32-T14S-R20E
UTE TRIBAL 32-9A	ML-44317		4304733619	FLAT ROCK	UINTAH	UT	DAKOTA-CEDAR MOUNTAIN	32-T14S-R20E
UTE TRIBAL 3-30-14-20	UTU019837		4304739739	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 5-25-14-19	1420H625581	Ute Tribe	4304750690	FLAT ROCK	UINTAH	UT	ENTRADA	26-T14S-R19E
UTE TRIBAL 5-32-14-20	ML-44317		4304739741	FLAT ROCK	UINTAH	UT	DAKOTA ENTRADA	32-T14S-R20E
UTE TRIBAL 6-16-14-20	ML-47502		4304738506	FLAT ROCK	UINTAH	UT	ENTRADA	16-T14S-R20E
UTE TRIBAL 8-25-14-19	1420H625581	Ute Tribe	4304739053	FLAT ROCK	UINTAH	UT	N/A	30-T14S-R20E



RECEIVED

AUG 04 2015

DIV. OF OIL, GAS & MINING

July 16, 2015

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

Re: Change of Operator

Whiting Oil and Gas Corporation respectfully submits change of operator
sundries for Flat Rock field in Uintah County, UT.

The new operator is
Cobra Oil and Gas Corporation
PO Box 8206
Witchita Falls, TX 76307-8206
Phone: (940) 716-5100

Regulatory Admin for Cobra:
Barbara Pappas
940-716-5103
Barbara@cobraogc.com

Please contact Barbara Pappas or myself if you should have questions or need
additional information.

Best Regards,

Cara Mezydlo,
Engineering Technician III – Central Rockies Asset Group
(303) 876-7091
Cara.mezydlo@whiting.com

*Whiting Petroleum Corporation
and its wholly owned subsidiary
Whiting Oil and Gas Corporation*



RECEIVED
AUG 04 2015
DIV. OF OIL, GAS & MINING

July 16, 2015

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

Re: Change of Operator

Whiting Oil and Gas Corporation respectfully submits change of operator
sundries for Flat Rock field in Uintah County, UT.

The new operator is
Cobra Oil and Gas Corporation
PO Box 8206
Witchita Falls, TX 76307-8206
Phone: (940) 716-5100

Regulatory Admin for Cobra:
Barbara Pappas
940-716-5103
Barbara@cobraogc.com

Please contact Barbara Pappas or myself if you should have questions or need
additional information.

Best Regards,

Cara Mezydlo,
Engineering Technician III – Central Rockies Asset Group
(303) 876-7091
Cara.mezydlo@whiting.com

*Whiting Petroleum Corporation
and its wholly owned subsidiary
Whiting Oil and Gas Corporation*



Rachel Medina <rachelmedina@utah.gov>

Plugged Wells

8 messages

Rachel Medina <rachelmedina@utah.gov>
 To: Barbara Pappas <barbara@cobraogc.com>

Thu, Aug 6, 2015 at 11:05 AM

Hi Barbara,

The following Whiting wells are listed on the request for the Cobra operator change, but are currently plugged. Our Division does not usually move plugged well unless the new operator has plans to reenter the wells. Will this be the case for Cobra?

CHIMNEY ROCK 32-11	32	130S	210E	4304733445
UTE TRIBAL 32-11A	32	140S	200E	4304733621
FLAT ROCK 13-32-14-20	32	140S	200E	4304736992
FLAT ROCK 14-32-14-20	32	140S	200E	4304736993
FLAT ROCK 15-32-14-20	32	140S	200E	4304736994
UTE TRIBAL 8-25-14-19	30	140S	200E	4304739053

Also, the following wells were listed on the exhibit but are not currently operated by Whiting. They will not move in the operator change.

Flat Rock 30-3A 4304730729
 Ute Tribal 30-1 4304715764
 Ute Tribal 30-4A 4304716520

Thanks!

—
 Rachel Medina
 Division of Oil, Gas & Mining
 Bonding Technician
 801-538-5260

Rachel Medina <rachelmedina@utah.gov>
 To: Barbara Pappas <barbara@cobraogc.com>

Thu, Aug 6, 2015 at 2:36 PM

Hi Barbara,

Cobra is also taking over 3 State/Fee wells that have been shut in for over a year. Because of this our Petroleum Engineer is requesting a shut in plan and full cost bonding. For the shut in plan you will need to submit an outline and time frame of the plans for each well. To determine full cost bonding you will need to submit a plugging estimate, our engineer will evaluate the cost and set the bond for each well at the estimate or depth bonding (as outline in the rules), whichever is greater.

Please let me know if you have any questions.

Thanks!

[Quoted text hidden]

Barbara Pappas <barbara@cobraogc.com>
 To: Rachel Medina <rachelmedina@utah.gov>

Thu, Aug 6, 2015 at 3:10 PM

Rachel:

I have forwarded to my managers and hopefully will have an answer for you soon.

Thanks,

Barbara

From: Rachel Medina [mailto:rachelmedina@utah.gov]
Sent: Thursday, August 06, 2015 3:37 PM
To: Barbara Pappas <barbara@cobraogc.com>
Subject: Re: Plugged Wells

[Quoted text hidden]

Rachel Medina <rachelmedina@utah.gov>
To: Barbara Pappas <barbara@cobraogc.com>

Fri, Aug 14, 2015 at 8:58 AM

Hi Barbara,

The Division received confirmation that the plugged wells need to be moved to Cobra. At this point we are waiting for shut in plans and plugging estimates on the following wells.

UTE TRIBAL 32-1A
UTE TRIBAL 32-3A
UTE TRIBAL 32-4A

Thanks!

[Quoted text hidden]

Charlie Gibson <charlie@cobraogc.com>
To: "rachelmedina@utah.gov" <rachelmedina@utah.gov>
Cc: Rory Edwards <rory@cobraogc.com>, Bobby Hess <bhess@cobraogc.com>, Kyle Gardner <kgardner@cobraogc.com>, Barbara Pappas <barbara@cobraogc.com>

Wed, Aug 19, 2015 at 8:40 AM

Rachel,

We have studied the wells listed below and our estimate to plug the wells is \$20,000/well. We also believe that the wells still have economic potential and plan on working on the wells by 10-1-2015 to attempt to re-establish production. Let me know if you have any questions.

Charlie Gibson

Operations Manager

Cobra Oil & Gas

(940)716-5100 (o)

(940)781-6260 (c)

From: Rachel Medina [mailto:rachelmedina@utah.gov]
Sent: Friday, August 14, 2015 9:59 AM
To: Barbara Pappas <barbara@cobraogc.com>
Subject: Re: Plugged Wells

Hi Barbara,

[Quoted text hidden]

[Quoted text hidden]

Rachel Medina <rachelmedina@utah.gov>
To: Dustin Doucet <dustindoucet@utah.gov>

Wed, Aug 19, 2015 at 4:46 PM

What are your thoughts on the full cost bonding and the shut in plan?
[Quoted text hidden]

Dustin Doucet <dustindoucet@utah.gov>
To: Rachel Medina <rachelmedina@utah.gov>

Wed, Aug 19, 2015 at 6:16 PM

Without more supporting evidence of their P&A cost estimate, I don't feel comfortable with the estimate provided. It appears several plugs may need to be drilled out to properly isolate formations with open perfs with cement as required by rule. I doubt this was taken into consideration in their estimates. Since they are proposing to work the wells over by October 1, 2015, I would be willing to accept the \$30,000 depth bond per well to get these transferred and let them get the work done with the caveat that we will require more information on P&A costs and would require full cost bonds if found to be more than \$30K per well if the work is not done by October 1, 2015.

[Quoted text hidden]

—
Dustin K. Doucet
Petroleum Engineer
Division of Oil, Gas and Mining
1594 West North Temple, Ste 1210
Salt Lake City, Utah 84116
801.538.5281 (ofc)
801.359.3940 (fax)

web: www.ogm.utah.gov

Rachel Medina <rachelmedina@utah.gov>
To: Charlie Gibson <charlie@cobraogc.com>
Cc: Rory Edwards <rory@cobraogc.com>, Bobby Hess <bhess@cobraogc.com>, Kyle Gardner <kgardner@cobraogc.com>, Barbara Pappas <barbara@cobraogc.com>

Thu, Aug 20, 2015 at 9:09 AM

Hi Charlie,

The following is our Petroleum Engineer's review;

-Ute Tribal 32-1A, Ute Tribal 32-3A and Ute Tribal 32-4A are each required to have a \$30,000.00 individual bond.
-Cobra's plan to put the wells on production by October 1, 2015 is accepted, however a condition has been placed that if the wells are not producing by October 1st the Division **will require** a new P&A estimate be

submitted and reviewed for full cost bonding.

Please submit bonding for each well, if Cobra needs the new bonding forms again please let me know. As soon as the bond is received we can begin to process the operator change.

Thanks!

[Quoted text hidden]



Rachel Medina <rachelmedina@utah.gov>

Utah Change of Operator from Whiting to Cobra

1 message

Charlie Gibson <charlie@cobraogc.com>

Thu, Aug 13, 2015 at 2:17 PM

To: "rachelmedina@utah.gov" <rachelmedina@utah.gov>

Cc: Jeff Dillard <jeff@cobraogc.com>, Bob Osborne <bob@cobraogc.com>, Stephen Howard <Showard@basinoilandgas.com>, Caven Crosnoe <ccrosnoe@scglaw.com>, Rory Edwards <rory@cobraogc.com>, Phil Rugeley <phil@cobraogc.com>, Rick Haskin <rick@cobraogc.com>, Barbara Pappas <barbara@cobraogc.com>

Dear Rachel,

We have been informed by Whiting Oil and Gas Corporation that you have requested an email from Cobra Oil & Gas Corporation acknowledging that we have agreed to assume all plugging, abandoning and reclamation obligations for the wells described below. In accordance with the terms and conditions of the Purchase and Sale Agreement (Agreement) between Whiting Oil and Gas Corporation (Seller) and Cobra Oil & Gas Corporation, et al (Buyer), please be advised the Buyer assumed the obligation to plug and abandon all wells located on the Lands and reclaim all well sites located on the Lands regardless of when the obligations arose. Accordingly Cobra Oil and Gas Corporation, as Operator, assumes those obligations and liabilities associated with the wells described below:

CHIMNEY ROCK 32130S 210E4304733445
32-11

UTE TRIBAL 32- 32140S 200E4304733621
11A

FLAT ROCK 13- 32140S 200E4304736992
32-14-20

FLAT ROCK 14- 32140S 200E4304736993
32-14-20

FLAT ROCK 15- 32140S 200E4304736994
32-14-20

UTE TRIBAL 8- 30140S 200E4304739053
25-14-19

Flat Rock 30-3A 4304730729

Ute Tribal 30-1 4304715764

Ute Tribal 30-4A 4304716520

Sincerely,

Charlie Gibson

Operations Manager

Cobra Oil & Gas

(940)716-5100 (o)

(940)781-6260 (c)