

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

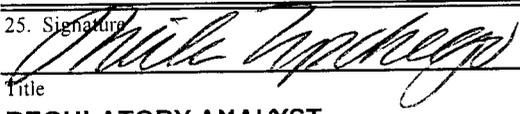
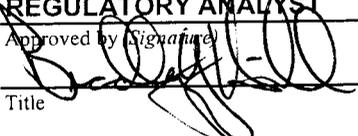
FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

| | | |
|---|--|---|
| 1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER | | 5. Lease Serial No. UTU-38421 |
| b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone | | 6. If Indian, Allottee or Tribe Name |
| 2. Name of Operator KERR MCGEE OIL & GAS ONSHORE LP | | 7. If Unit or CA Agreement, Name and No. |
| 3A. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078 | 3b. Phone No. (include area code) (435) 781-7024 | 8. Lease Name and Well No. BONANZA 1023-18F |
| 4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SENW 1969'FNL, 2054'FWL 639167X 39.950755 At proposed prod. Zone 4423352Y -109.370290 | | 9. API Well No. 43-047-38244 |
| 14. Distance in miles and direction from nearest town or post office* 26.45 MILES SOUTHEAST OF OURAY, UTAH | | 10. Field and Pool, or Exploratory NATURAL BUTTES |
| 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1969' | 16. No. of Acres in lease 637.40 | 11. Sec., T., R., M., or Blk, and Survey or Area SECTION 18, T10S, R23E |
| 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C | 19. Proposed Depth 8160' | 12. County or Parish UINTAH |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5336'GL | 22. Approximate date work will start* | 13. State UTAH |
| | | 17. Spacing Unit dedicated to this well 40.00 |
| | | 20. BLM/BIA Bond No. on file BOND NO. 2971100-2533 |
| | | 23. Estimated duration |

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|---|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized office. |

| | | |
|---|--|--------------------------|
| 25. Signature  | Name (Printed/Typed) SHEILA UPCHEGO | Date 5/30/2006 |
| Title REGULATORY ANALYST | | |
| Approved by (Signature)  | Name (Printed/Typed) BRADLEY G. HILL | Date 07-10-06 |
| Title ENVIRONMENTAL MANAGER | Office | |

Application approval 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.

Conditions of approval, if any, are attached.

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

*(Instructions on reverse)

Federal Approval of this
Action is Required

JUN 05 2006

R 22
R 23
E E

T10S, R23E, S.L.B.&M.

Kerr McGee Oil & Gas Onshore LP

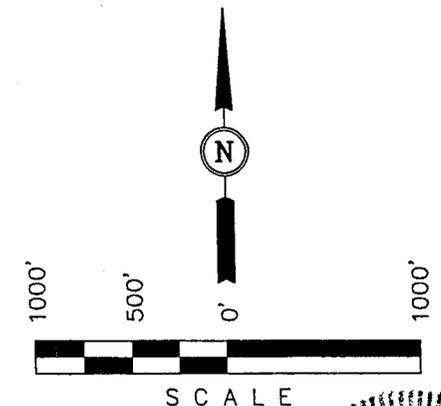
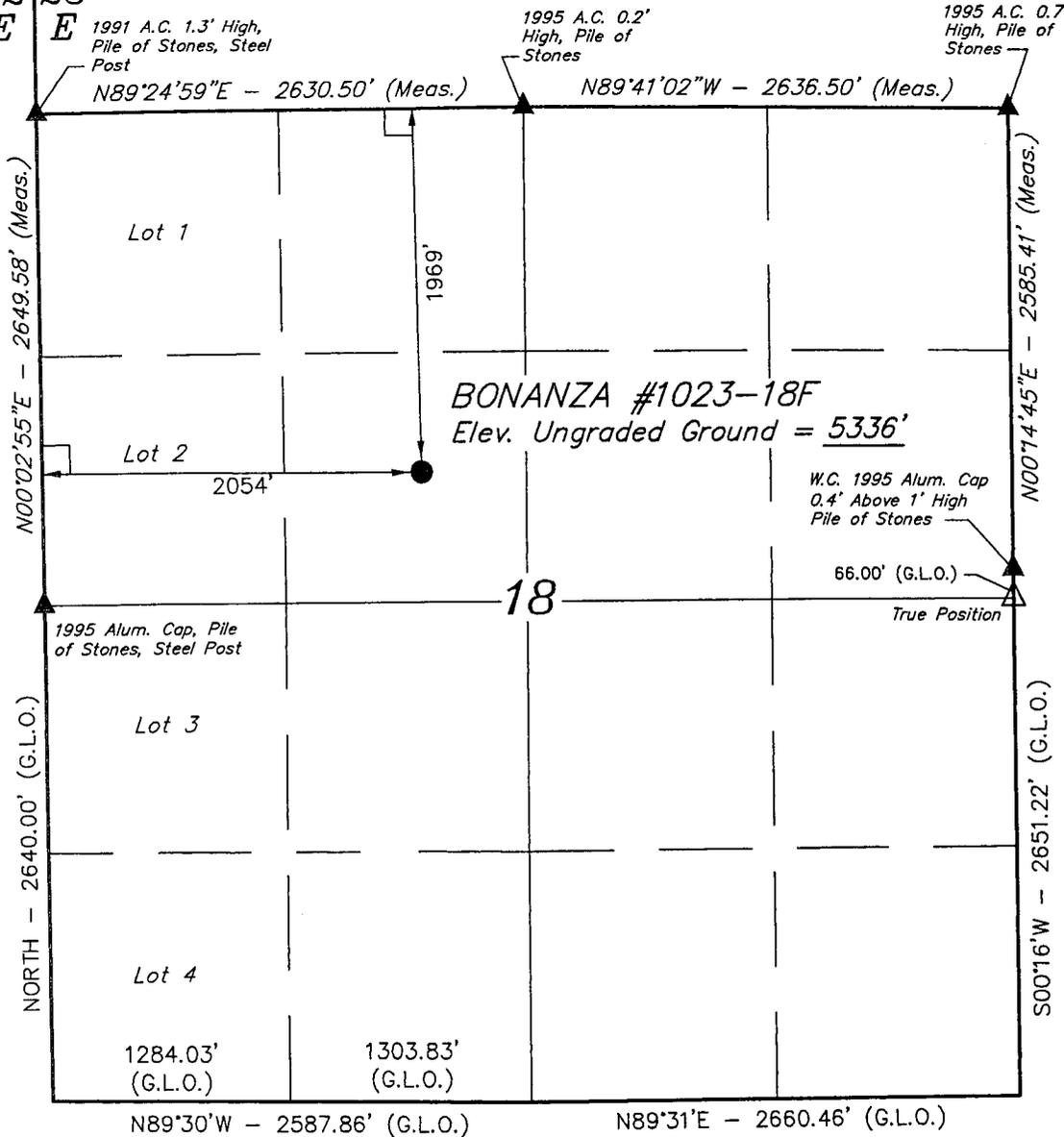
Well location, BONANZA #1023-18F, located as shown in the SE 1/4 NW 1/4 of Section 18, T10S, R23E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 58 EAM (1965) LOCATED IN THE NE 1/4 OF SECTION 30, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5132 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE OF REGISTERED LAND SURVEYOR

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.

John H. ...
REGISTERED LAND SURVEYOR
REGISTRATION NO. 461319
STATE OF UTAH

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set On Ground)

(NAD 83)
LATITUDE = 39°57'02.98" (39.950828)
LONGITUDE = 109°22'17.62" (109.371561)
(NAD 27)
LATITUDE = 39°57'03.10" (39.950861)
LONGITUDE = 109°22'15.17" (109.370881)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

| | | |
|-------------------------|---|-------------------------|
| SCALE 1" = 1000' | DATE SURVEYED: 02-27-06 | DATE DRAWN: 03-08-06 |
| PARTY J.R. L.M. S.L. | REFERENCES G.L.O. PLAT | |
| WEATHER COOL | FILE Kerr McGee Oil & Gas Onshore Lp | |

**BONANZA #1023-18F
SE/NW Sec. 18, T10S,R23E
UINTAH COUNTY, UTAH
UTU-38421**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

| <u>Formation</u> | <u>Depth</u> |
|-------------------------|--------------|
| Uinta | 0- Surface |
| Green River | 1147' |
| Top of Birds Nest Water | 1316' |
| Mahogany | 1882' |
| Wasatch | 4021' |
| Mesaverde | 6265' |
| MVU2 | 7067' |
| MVL1 | 7642' |
| TD | 8160' |

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

| <u>Substance</u> | <u>Formation</u> | <u>Depth</u> |
|------------------|-------------------------|--------------|
| Water | Green River | 1147' |
| | Top of Birds Nest Water | 1316' |
| | Mahogany | 1882' |
| Gas | Wasatch | 4021' |
| | Mesaverde | 6265' |
| Gas | MVU2 | 7067' |
| Gas | MVL1 | 7642' |
| Water | N/A | |
| Other Minerals | N/A | |

3. Pressure Control Equipment (Schematic Attached)

Please refer to the attached Drilling Program.

4. Proposed Casing & Cementing Program:

Please refer to the attached Drilling Program.

5. Drilling Fluids Program:

Please refer to the attached Drilling Program.

6. Evaluation Program:

Please refer to the attached Drilling Program.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 8160' TD, approximately equals 5059 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3264 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

Drilling is planned to commence immediately upon approval of this application.

9. **Variations:**

Please refer to the attached Drilling Program.

10. **Other Information:**

Please refer to the attached Drilling Program.



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

COMPANY NAME KERR-McGEE OIL & GAS ONSHORE LP DATE May 30, 2006
 WELL NAME BONANZA 1023-18F TD 8,160' MD/TVD _____
 FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION 5,336' GL KB 5,351'
 SURFACE LOCATION SE NW SECTION 18, T10S, R23E 1969'FNL, 2054'FWL BHL Straight Hole
 Latitude: 39.950828 Longitude: 109.371561
 OBJECTIVE ZONE(S) Wasatch/Mesaverde
 ADDITIONAL INFO Regulatory Agencies: BLM (SURF & MINERALS), UDOGM, Tri-County Health Dept.

| GEOLOGICAL FORMATION | | | MECHANICAL | | |
|---|------------|--------|------------|--|--|
| LOGS | TOPS | DEPTH | HOLE SIZE | CASING SIZE | MUD WEIGHT |
| | | 40' | | 14" | |
| | | | 12-1/4" | 9-5/8", 32.3#, H-40, STC | Air mist |
| Catch water sample, if possible, from 0 to 4,021' <div style="margin-left: 40px;"> Green River @ 1,147' Top of Birds Nest Water @ 1316' Preset f/ GL @ 1,820' MD </div> | | | | | |
| Note: 12.25" surface hole will usually be drilled ±400' below the bottom of lost circulation zone. Drilled depth may be ±200' of the estimated set depth depending on the actual depth of the loss zone. | | | | | |
| | Mahogany @ | 1,882' | | | Water/Fresh Water Mud 8.3-11.5 ppg |
| Mud logging program TBD Open hole logging program f/ TD - surf csg | | | 7-7/8" | 4-1/2", 11.6#, I-80 or equivalent LTC casing | |
| | Wasatch @ | 4,021' | | | |
| | Mverde @ | 6,265' | | | |
| | MVU2 @ | 7,067' | | | |
| | MVL1 @ | 7,642' | | | |
| | TD @ | 8,160' | | | Max anticipated Mud required 11.5 ppg |



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

CASING PROGRAM

| | SIZE | INTERVAL | WT. | GR. | CPLG. | DESIGN FACTORS | | |
|------------|--------|-----------|-------|------|-------|----------------|----------|---------|
| | | | | | | BURST | COLLAPSE | TENSION |
| CONDUCTOR | 14" | 0-40' | | | | 2270 | 1370 | 254000 |
| SURFACE | 9-5/8" | 0 to 1820 | 32.30 | H-40 | STC | 0.74***** | 1.61 | 4.93 |
| PRODUCTION | 4-1/2" | 0 to 8160 | 11.60 | I-80 | LTC | 2.52 | 1.30 | 2.43 |

1) Max Anticipated Surf. Press. (MASP) (Surface Casing) = (Pore Pressure at next csg point - (0.22 psi/ft-partial evac gradient x TVD of next csg point))
 2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)
 (Burst Assumptions: TD = 11.5 ppg) .22 psi/ft = gradient for partially evac wellbore
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing * Buoy. Fact. of water)
 MASP 3084 psi
 ***** Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

| | | FT. OF FILL | DESCRIPTION | SACKS | EXCESS | WEIGHT | YIELD |
|---------------------|---|-------------|--|---------|--------|--------|-------|
| SURFACE Option 1 | LEAD | 500 | Premium cmt + 2% CaCl + .25 pps flocele | 215 | 60% | 15.60 | 1.18 |
| | TOP OUT CMT (1) | 200 | 20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele | 50 | | 15.60 | 1.18 |
| | TOP OUT CMT (2) | as required | Premium cmt + 2% CaCl | as req. | | 15.60 | 1.18 |
| SURFACE Option 2 | NOTE: If well will circulate water to surface, option 2 will be utilized | | | | | | |
| | LEAD | 1500 | Prem cmt + 16% Gel + 10 pps gilsonite + .25 pps Flocele + 3% salt BWOC | 170 | 35% | 11.00 | 3.82 |
| | TAIL | 500 | Premium cmt + 2% CaCl + .25 pps flocele | 180 | 35% | 15.60 | 1.18 |
| | TOP OUT CMT | as required | Premium cmt + 2% CaCl | as req. | | 15.60 | 1.18 |
| PRODUCTION | LEAD | 3,520' | Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender | 390 | 60% | 11.00 | 3.38 |
| | TAIL | 4,640' | 50/50 Poz/G + 10% salt + 2% gel +.1% R-3 | 1300 | 60% | 14.30 | 1.31 |

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained
 *Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

| | |
|------------|---|
| SURFACE | Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe. |
| PRODUCTION | Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers. |

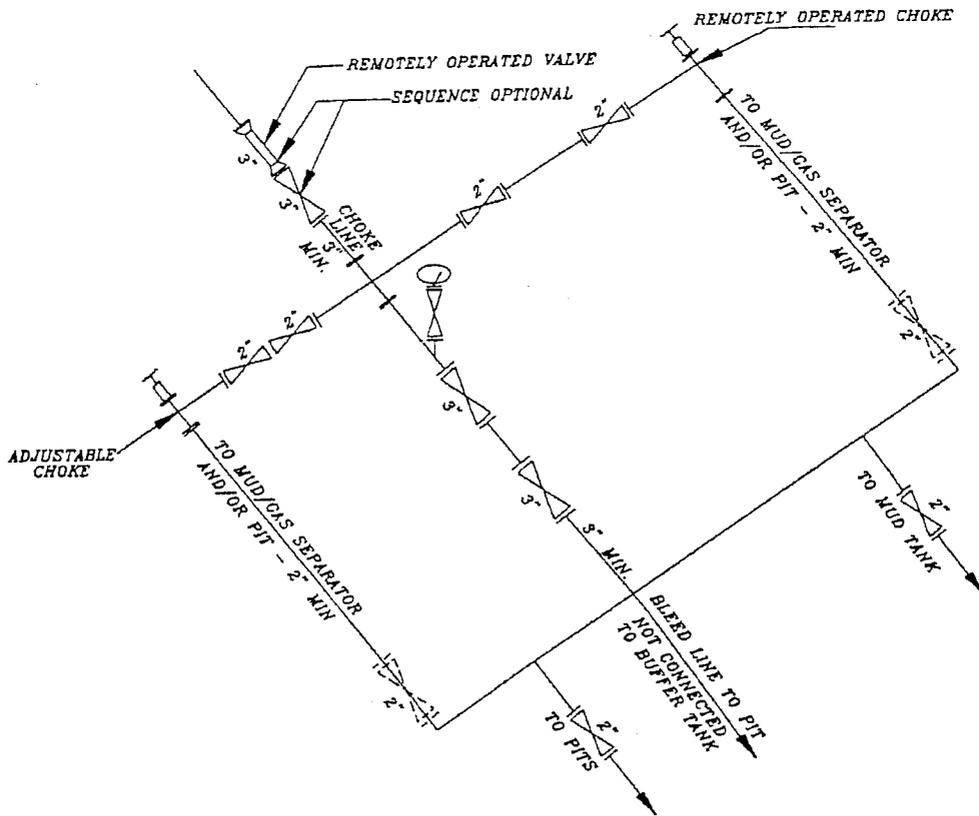
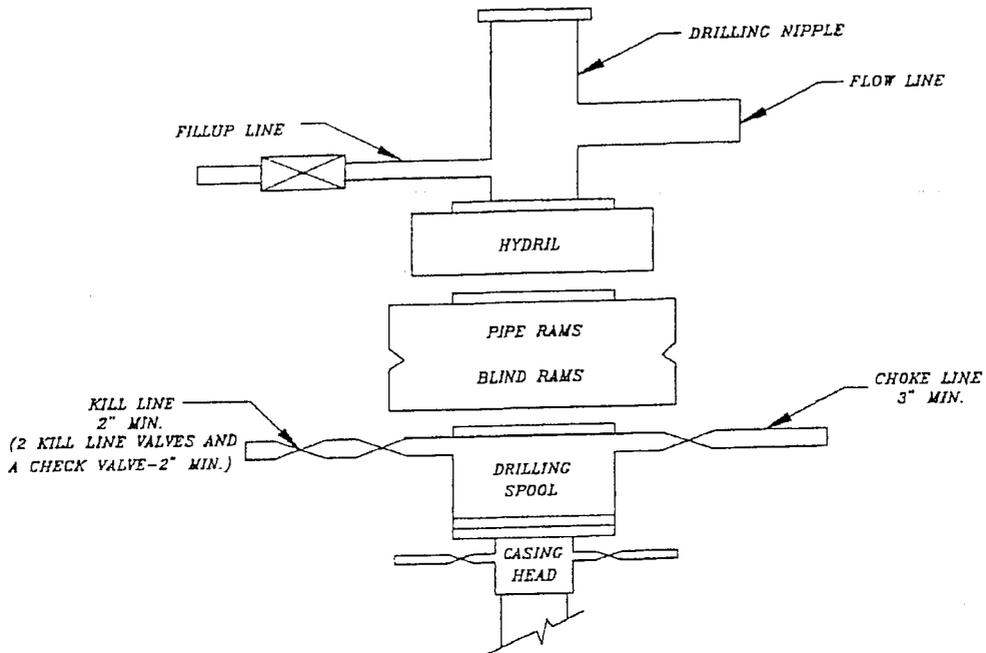
ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.
 BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.
 Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.
 Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER: _____
 Brad Laney
 DRILLING SUPERINTENDENT: _____
 Randy Bayne

DATE: _____
 DATE: _____

5M BOP STACK and CHOKE MANIFOLD SYSTEM



**BONANZA 1023-18F
SE/NW SECTION 18, T10S, R23E
UINTAH COUNTY, UTAH
UTU-38421**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Directions to the proposed location are attached.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. Planned Access Roads:

Approximately 200' +/- of new access roads is proposed. Refer to Topo Map B.

The access road will be crowned (2 to 3%), ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet. Graveling or capping the roadbed will be performed as necessary to provide a well constructed, safe road. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely.

Surface disturbance and vehicular traffic will be limited to the proposed location and proposed access route. Any additional area needed will be approved in advance. All construction shall be in conformance with the standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, 1989.

The road surface and shoulders will be kept in a safe and usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear and free-flowing and will be maintained according to original construction standards. The access road surface will be kept free of trash during operations. All traffic will be confined to the approved disturbed surface. Road drainage crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing or shall the drainages be blocked by the road bed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Should mud holes develop, they shall be filled in and detours around them avoided. When snow is removed from the road during the winter months, the snow shall be pushed outside of the borrow ditches, and the turnouts kept clear so that snowmelt will be channeled away from the road.

3. Location of Existing Wells Within a 1-Mile Radius

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities & Pipelines

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon (2.5 Y 6/2) as determined during the on-site inspection.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Variations to Best Management Practices (BMP) Requests:

Approximately 950' of 4" steel pipeline is proposed. Please refer to the Topo Map D. The pipeline will be butt-welded together.

The pipeline shall be installed on surface within access corridor for the well location. As a Best Management Practice (BMP), the pipeline would be buried within the access road corridor if possible. The construction of pipelines requires the corridor of 30 feet.

This exception to the BMP should be granted by the BLM Authorized Officer because indurated bedrock, such as sandstone, is at or within 2 feet of the surface and the soil has a poor history for successful rehabilitation.

5. Location and Type of Water Supply:

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec.32, T4S,R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. Source of Construction Materials

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. Methods of Handling Waste Materials

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

A plastic reinforced liner is to be used as discussed during on-site inspection. It will be a minimum of 20 mil thick and felt with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec.35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E. (Request is in lieu of filing Form 3160-5, after initial production).

8. Ancillary Facilities

None are anticipated.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. Plans for Reclamation of the Surface:*Producing Location:*

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

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

When the pit is backfilled, the topsoil pile shall be spread on the location up to the rig anchor points. The location will be reshaped to the original contour to the extent possible. The following seed mixture will be used to reclaim the surface for interim reclamation using appropriate reclamation methods. A total of 12 lbs/acre will be used if the seeds are drilled (24 lbs/acre if the seeds are broadcast). The per acre requirements for drilled seeds are:

| | |
|-------------------------|--------|
| Crested Wheatgrass | 4 lbs. |
| Needle and Thread Grass | 4 lbs |
| Indian Rice Grass | 4 lbs. |

The operator shall call BLM for the seed mixture when final reclamation occurs.

11. Surface Ownership:

United States of America
Bureau of Land Management
170 South 500 East
Vernal, UT 84078
(435) 781-4400

12. STIPULATIONS:

CRITICAL WILDLIFE HABITAT: No construction or Drilling May 1st – July 15th. – May be waived if requested via letter to the Bureau of Land Management.

WILDLIFE STIPULATIONS:

MEXICAN SPOTTED OWL: The operator will be committed to perform a one year survey for the MSO in the buffer zone. After a one year survey is complete and no findings of the MSO is found, the operator will not commence any Construction or Drilling activities from **March 15th – June 15th**.

13. Other Information:

A Class III archaeological survey has been performed and completed on April 27, 2006, the Archaeological Report No. 05-115.
A Paleontological survey will be submitted when they are received by our office.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance. The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

13. **Lessee's or Operators's Representative & Certification:**

Sheila Upchego
Regulatory Analyst
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7024

Randy Bayne
Drilling Manager
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435)781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Westport Oil & Gas Company agrees to be responsible under the terms and the conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for the lease activities is being provided by BLM Nationwide Bond #2971100-2533.

I hereby certify that the proposed drill site and access route has been inspected and that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.


Sheila Upchego

May 30, 2006
Date

Kerr-McGee Oil & Gas Onshore LP
BONANZA #1023-18F
SECTION 18, T10S, R23E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 3.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 5.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN WESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 0.15 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 200' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 57.45 MILES.

Kerr-McGee Oil & Gas Onshore LP
BONANZA #1023-18F
 LOCATED IN UINTAH COUNTY, UTAH
 SECTION 18, T10S, R23E, S.L.B.&M.

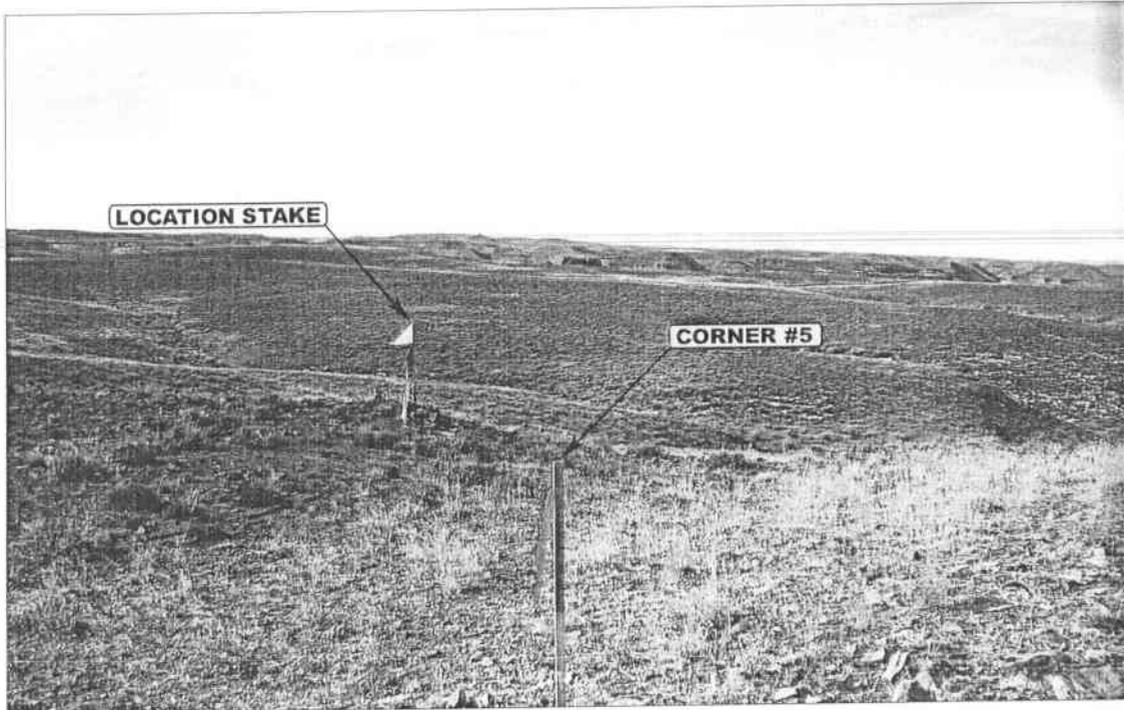


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY

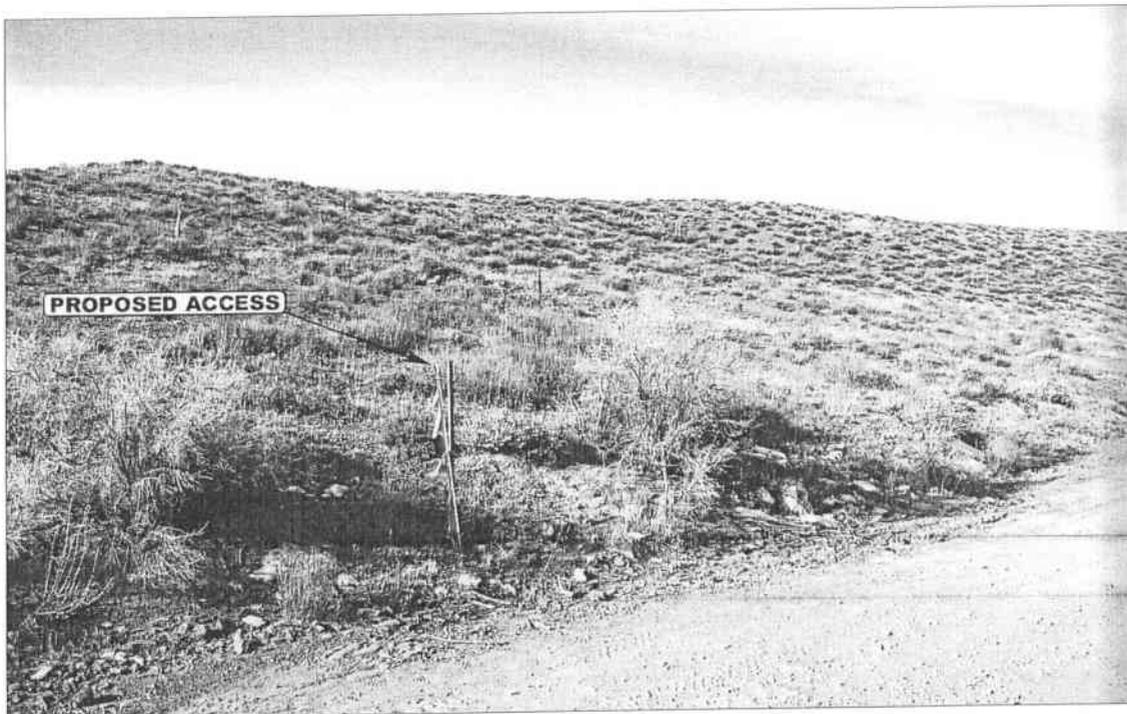


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

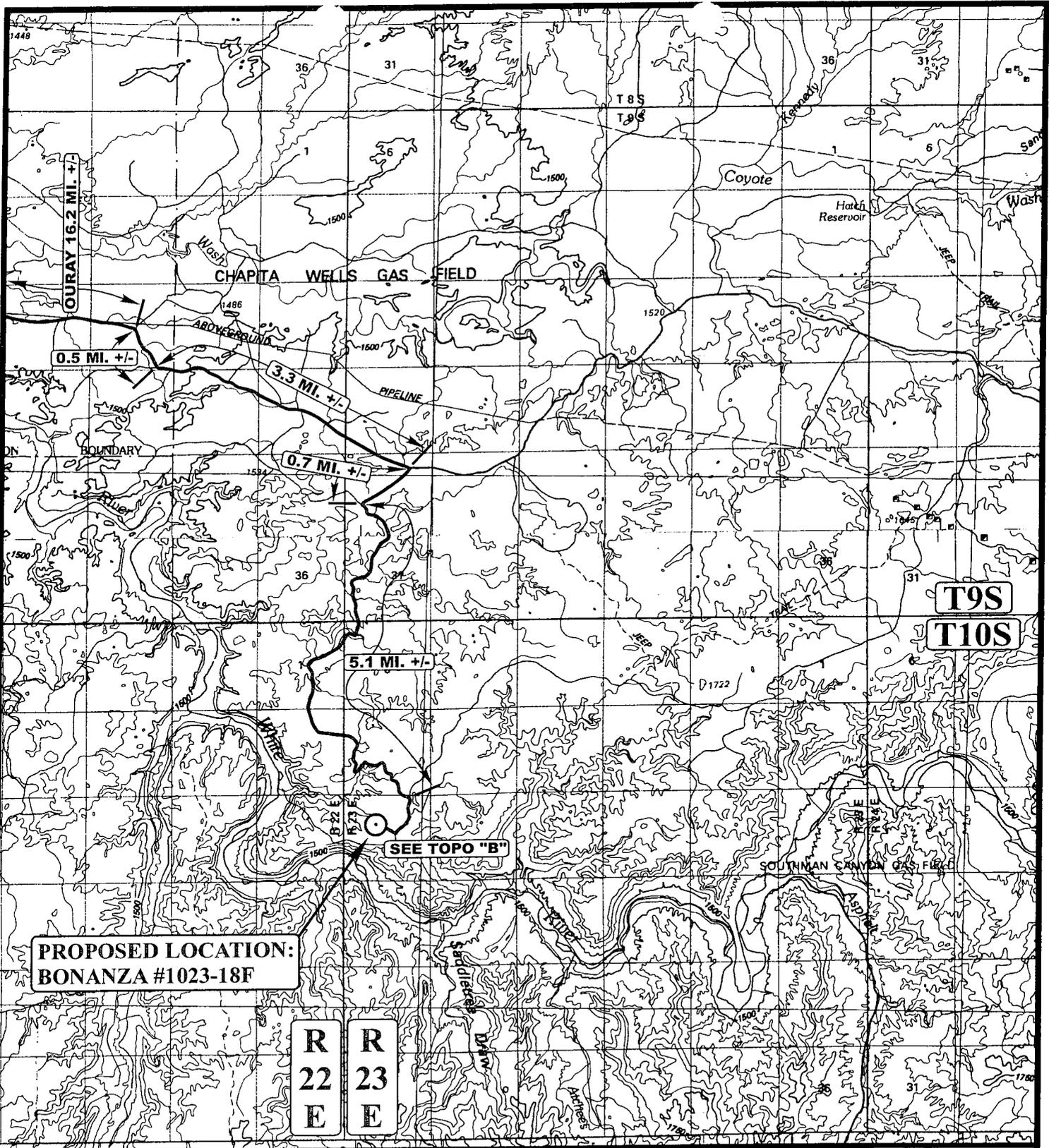
CAMERA ANGLE: SOUTHWESTERLY



UELS Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 435-789-1017 uels@uelsinc.com

- Since 1964 -

| | | | | |
|-----------------|---------------|-------------------|------|-------|
| LOCATION PHOTOS | 03 | 15 | 06 | PHOTO |
| | MONTH | DAY | YEAR | |
| TAKEN BY: J.R. | DRAWN BY: LDK | REVISED: 00-00-00 | | |

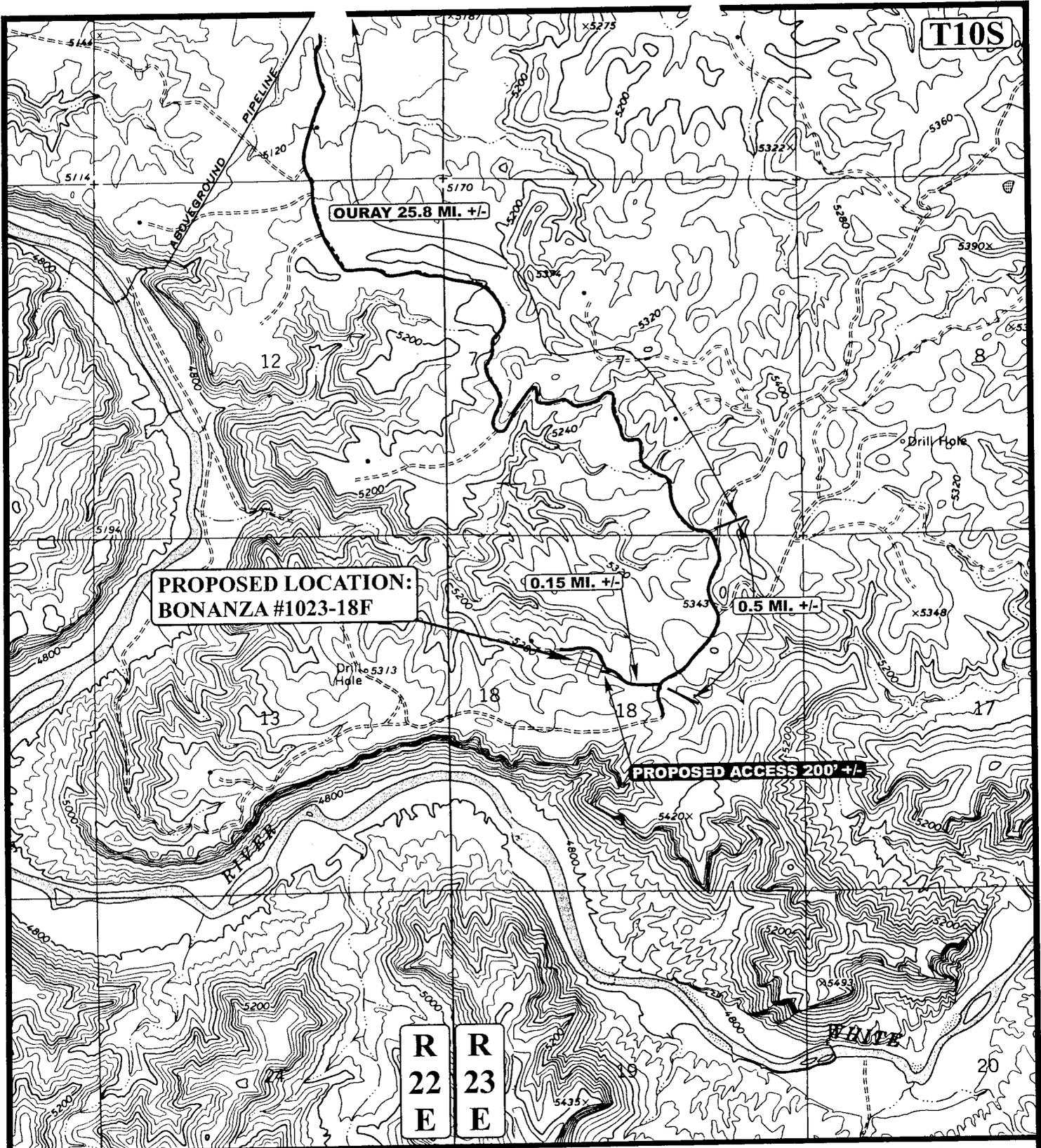


**PROPOSED LOCATION:
BONANZA #1023-18F**

**R
22
E** **R
23
E**

**T9S
T10S**

| | | | |
|---|---------------------------|--|--|
| LEGEND: | | Kerr-McGee Oil & Gas Onshore LP | |
| ○ PROPOSED LOCATION | N ↑ | BONANZA #1023-18F | |
| | | SECTION 18, T10S, R23E, S.L.B.&M. | |
| | | 1969' FNL 2054' FWL | |
| Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 (435) 789-1017 * FAX (435) 789-1813 | TOPOGRAPHIC MAP | 03 15 06 MONTH DAY YEAR | |
| SCALE: 1:100,000 | DRAWN BY: LDK | REVISED: 00-00-00 | |



LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD

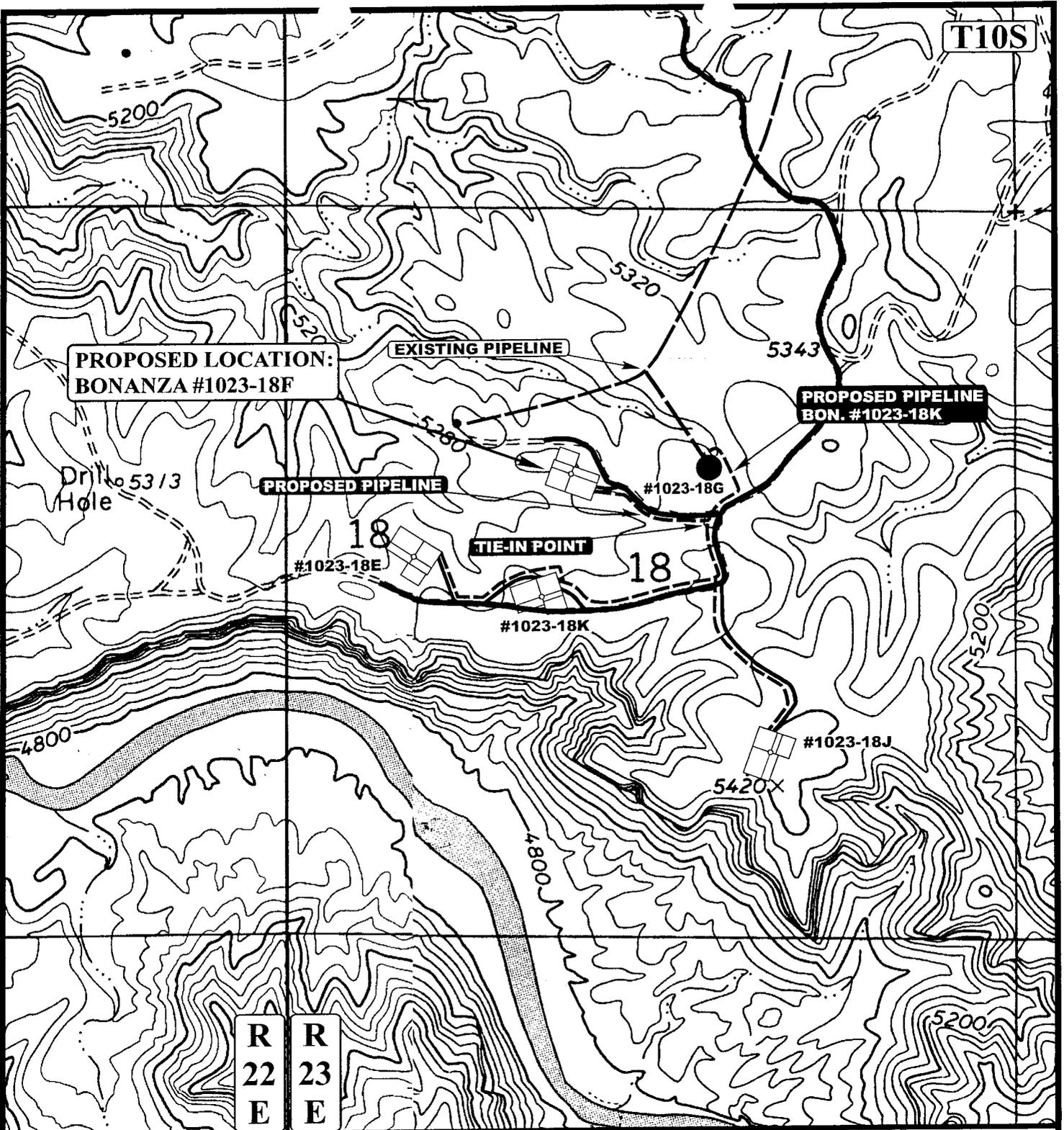
Kerr-McGee Oil & Gas Onshore LP
BONANZA #1023-18F
SECTION 18, T10S, R23E, S.L.B.&M.
1969' FNL 2054' FWL

U E I S
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC 03 15 06
MAP MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: LDK REVISED: 00-00-00

B
TOPO



**PROPOSED LOCATION:
BONANZA #1023-18F**

EXISTING PIPELINE

**PROPOSED PIPELINE
BON. #1023-18K**

Drill Hole
#5313

PROPOSED PIPELINE

#1023-18G

#1023-18E

TIE-IN POINT

18

#1023-18K

#1023-18J

5420X

R
22
E

R
23
E

APPROXIMATE TOTAL PIPELINE DISTANCE = 950' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED PIPELINE (SERVICING OTHER WELLS)



Kerr-McGee Oil & Gas Onshore LP

**BONANZA #1023-18F
SECTION 18, T10S, R23E, S.L.B.&M.
1969' FNL 2054' FWL**



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP

| | | |
|-------|-----|------|
| 03 | 15 | 06 |
| MONTH | DAY | YEAR |

SCALE: 1" = 1000' DRAWN BY: LDK REVISED: 00-00-00



Kerr-McGee Oil & Gas Onshore LP
BONANZA #1023-18F
 PIPELINE ALIGNMENT
 LOCATED IN UINTAH COUNTY, UTAH
 SECTION 18, T10S, R23E, S.L.B.&M.

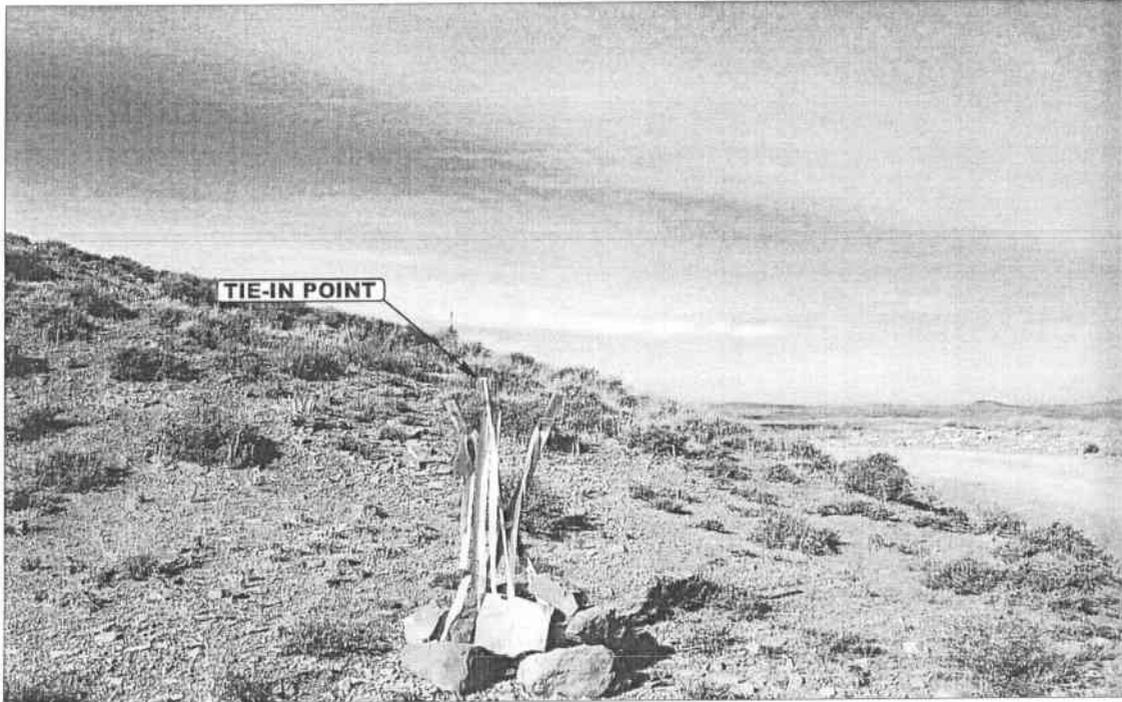


PHOTO: VIEW OF TIE-IN POINT

CAMERA ANGLE: WESTERLY



PHOTO: VIEW OF PIPELINE ALIGNMENT

CAMERA ANGLE: EASTERLY



- Since 1964 -

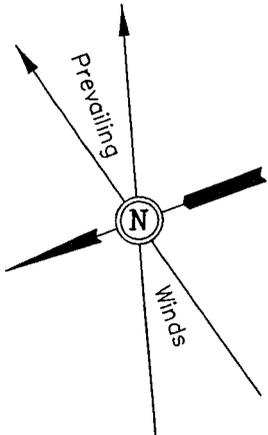
UELS Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 435-789-1017 uels@uelsinc.com

| | | | | | | |
|-----------------|---------------|-------------------|-------|-----|------|-------|
| PIPELINE PHOTOS | | | 03 | 15 | 06 | PHOTO |
| | | | MONTH | DAY | YEAR | |
| TAKEN BY: J.R. | DRAWN BY: LDK | REVISED: 00-00-00 | | | | |

Kerr-McGee Oil & Gas Onshore LP

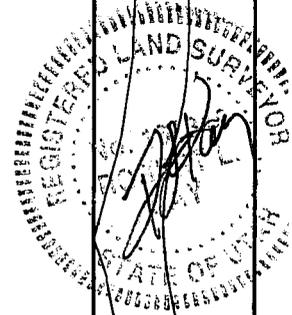
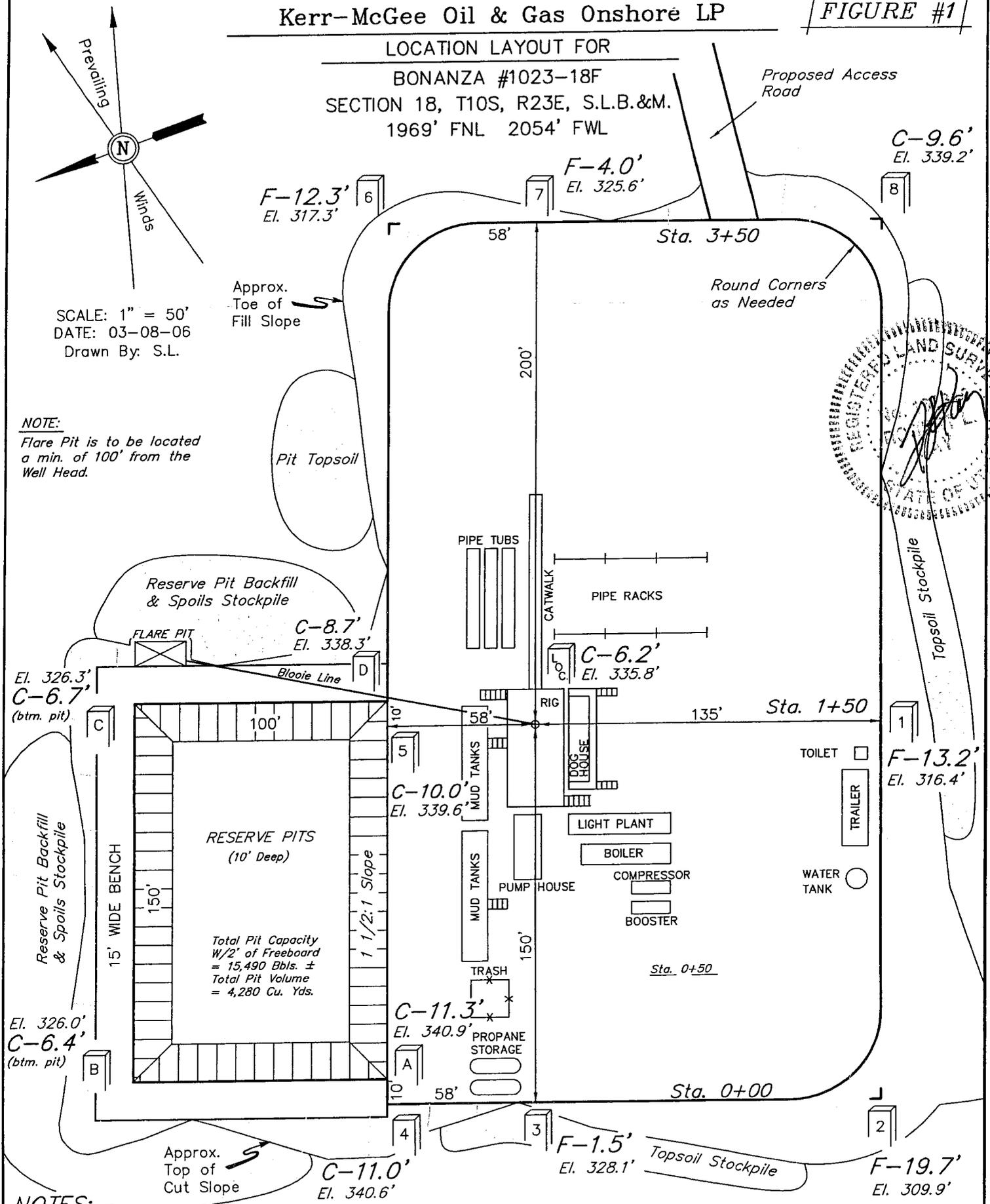
FIGURE #1

LOCATION LAYOUT FOR
 BONANZA #1023-18F
 SECTION 18, T10S, R23E, S.L.B.&M.
 1969' FNL 2054' FWL



SCALE: 1" = 50'
 DATE: 03-08-06
 Drawn By: S.L.

NOTE:
 Flare Pit is to be located
 a min. of 100' from the
 Well Head.



NOTES:

Elev. Ungraded Ground At Loc. Stake = 5335.8'
 FINISHED GRADE ELEV. AT LOC. STAKE = 5329.6'

UINTAH ENGINEERING & LAND SURVEYING
 85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

Kerr-McGee Oil & Gas Onshore LP

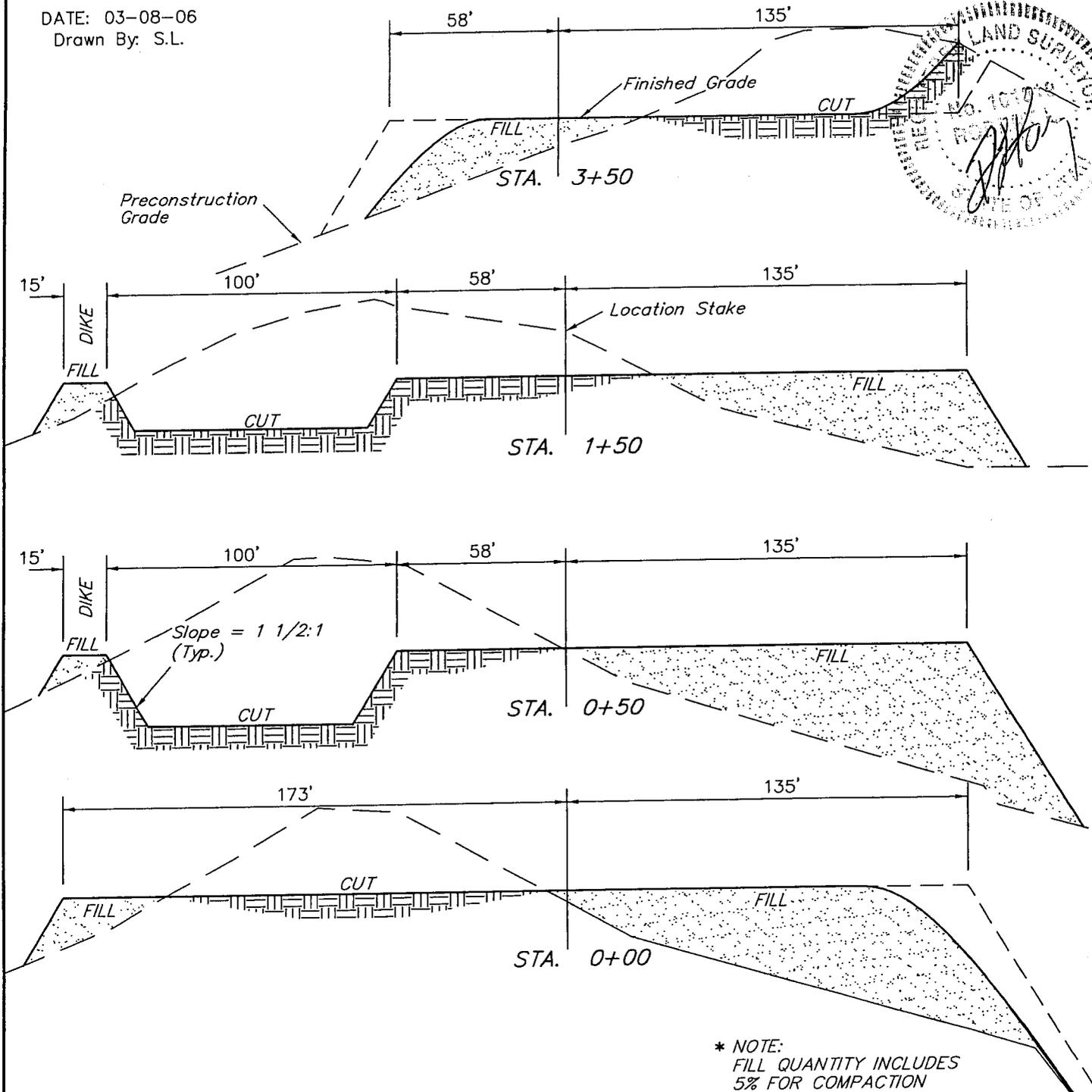
FIGURE #2

TYPICAL CROSS SECTIONS FOR

BONANZA #1023-18F
SECTION 18, T10S, R23E, S.L.B.&M.
1969' FNL 2054' FWL

1" = 20'
X-Section Scale
1" = 50'

DATE: 03-08-06
Drawn By: S.L.



* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

| | |
|------------------------|-------------------------|
| CUT | |
| (6") Topsoil Stripping | = 2,050 Cu. Yds. |
| Remaining Location | = 16,710 Cu. Yds. |
| TOTAL CUT | = 18,760 CU.YDS. |
| FILL | = 14,570 CU.YDS. |

| | |
|--|------------------|
| EXCESS MATERIAL | = 4,190 Cu. Yds. |
| Topsoil & Pit Backfill (1/2 Pit Vol.) | = 4,190 Cu. Yds. |
| EXCESS UNBALANCE (After Interim Rehabilitation) | = 0 Cu. Yds. |

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 06/05/2006

API NO. ASSIGNED: 43-047-38244

WELL NAME: BONANZA 1023-18F
 OPERATOR: KERR-MCGEE OIL & GAS (N2995)
 CONTACT: SHEILA UPCHEGO

PHONE NUMBER: 435-781-7024

PROPOSED LOCATION:

| | | |
|------------------------|-----------------|-------------|
| INSPECT LOCATN BY: / / | | |
| Tech Review | Initials | Date |
| Engineering | | |
| Geology | | |
| Surface | | |

SENW 18 100S 230E
 SURFACE: 1969 FNL 2054 FWL
 BOTTOM: 1969 FNL 2054 FWL
 COUNTY: UINTAH
 LATITUDE: 39.95076 LONGITUDE: -109.3709
 UTM SURF EASTINGS: 639167 NORTHINGS: 4423352
 FIELD NAME: NATURAL BUTTES (630)

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-38421
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSMVD
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

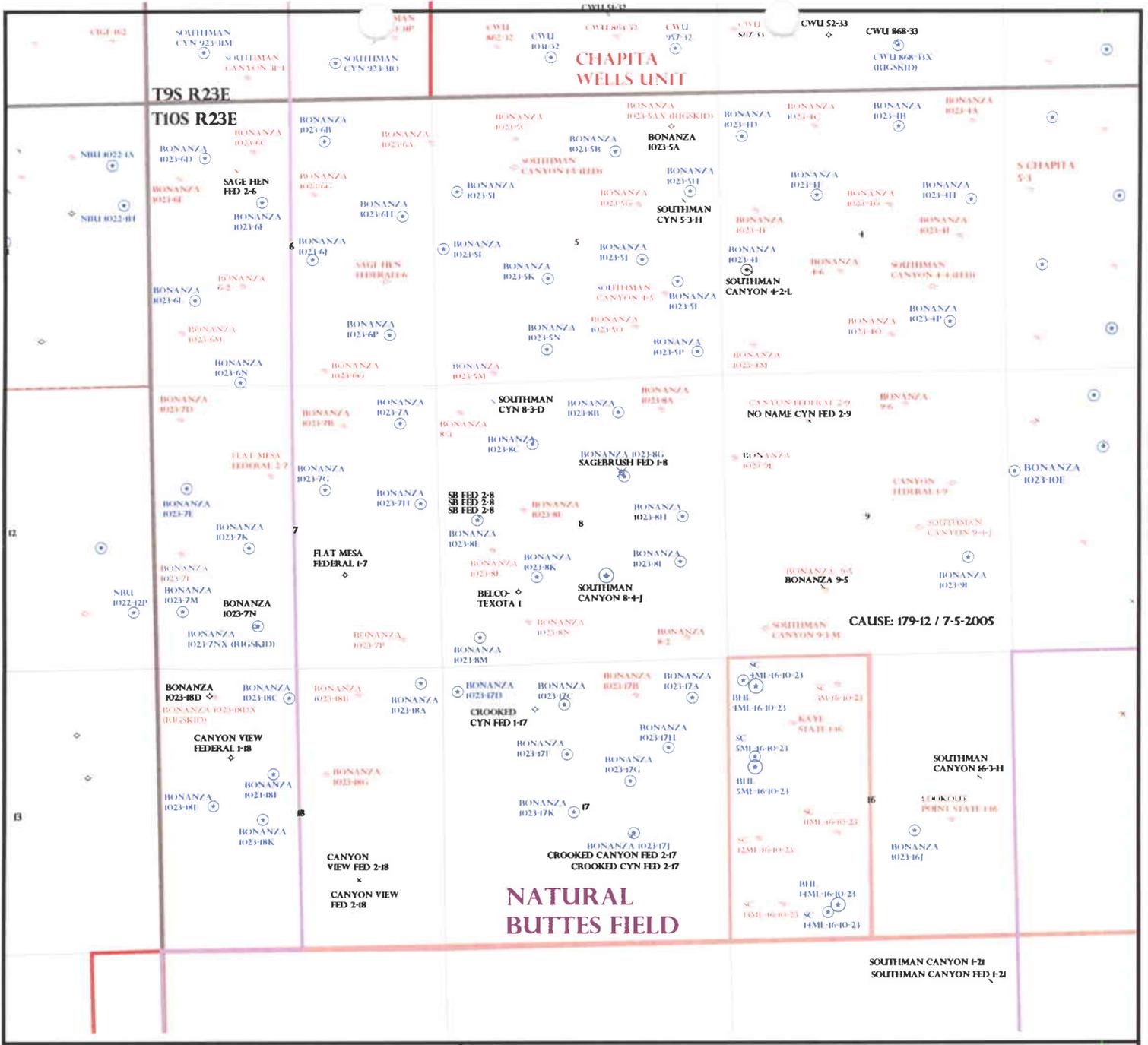
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. 2971100-2533)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-8496)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit: _____
- R649-3-2. General
- Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: 179-12
- Eff Date: 7-5-05
- Siting: 460' fr next well @ 50' 920' fr other wells
- R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: 1- Federal Approval



OPERATOR: KERR MCGEE O&G (N2995)

SEC: 4,5,8,9,17,18 T. 10S R. 23E

FIELD: NATURAL BUTTES (630)

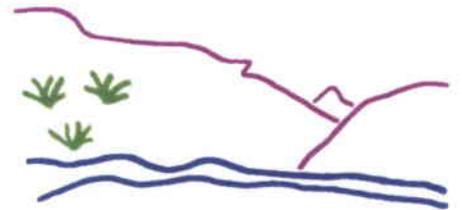
COUNTY: UTAH

CAUSE: 179-12 / 7-5-2005

- Field Status**
- ABANDONED
 - ACTIVE
 - COMBINED
 - INACTIVE
 - PROPOSED
 - STORAGE
 - TERMINATED

- Unit Status**
- EXPLORATORY
 - GAS STORAGE
 - NF PP OIL
 - NF SECONDARY
 - PENDING
 - PI OIL
 - PP GAS
 - PP GEOTHERML
 - PP OIL
 - SECONDARY
 - TERMINATED

- Wells Status**
- * GAS INJECTION
 - * GAS STORAGE
 - * LOCATION ABANDONED
 - * NEW LOCATION
 - * PLUGGED & ABANDONED
 - * PRODUCING GAS
 - * PRODUCING OIL
 - * SHUT-IN GAS
 - * SHUT-IN OIL
 - * TEMP. ABANDONED
 - * TEST WELL
 - * WATER INJECTION
 - * WATER SUPPLY
 - * WATER DISPOSAL
 - * DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 14-JUNE-2006



KERR-McGEE OIL & GAS ONSHORE LP
1999 BROADWAY, SUITE 3700 • DENVER, COLORADO 80202

PHONE: 303-296-3600
FAX: 303-296-3601

June 27, 2006

Ms. Diana Whitney
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, UT 84114-6100

RE: Bonanza 1023-18F
T10S-R23E
Section 18: SENW
1,969' FNL, 2,054' FWL
Uintah County, Utah

Dear Ms. Whitney:

Kerr-McGee Oil & Gas Onshore LP has submitted a permit to drill the captioned well to test the Wasatch and Mesaverde formations. The well is located at an exception location to State Rule 179-12. The well location is less than 920' from the proposed Bonanza 1023-18K well. Both wells are located within the same W/2 spacing unit and the proximity between wells does not interfere with the correlative rights of the royalty and working interest owners.

Kerr-McGee requests your approval of this exception location. If you have any questions or require any additional information, please do not hesitate to call me at 720-264-2618.

Sincerely,

W. Chris Latimer, CPL
Senior Landman

cc: Raleen Weddle

RECEIVED

JUL 03 2006

DIV. OF OIL, GAS & MINING



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

July 10, 2006

Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078

Re: Bonanza 1023-18F Well, 1969' FNL, 2054' FWL, SE NW, Sec. 18, T. 10 South,
R. 23 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38244.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: Kerr-McGee Oil & Gas Onshore LP

Well Name & Number Bonanza 1023-18F

API Number: 43-047-38244

Lease: UTU-38421

Location: SE NW **Sec.** 18 **T.** 10 South **R.** 23 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

RECEIVED

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUN 01 2006

APPLICATION FOR PERMIT TO DRILL OR REENTER

| | | |
|---|--|---|
| 1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER | | 5. Lease Serial No. UTU-38421 |
| b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone | | 6. If Indian, Allottee or Tribe Name |
| 2. Name of Operator KERR MCGEE OIL & GAS ONSHORE LP | | 7. If Unit or CA Agreement, Name and No. |
| 3A. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078 | 3b. Phone No. (include area code) (435) 781-7024 | 8. Lease Name and Well No. BONANZA 1023-18F |
| 4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SENW 1969'FNL, 2054'FWL At proposed prod. Zone | | 9. API Well No. 431047-382AA |
| 14. Distance in miles and direction from nearest town or post office* 26.45 MILES SOUTHEAST OF OURAY, UTAH | | 10. Field and Pool, or Exploratory NATURAL BUTTES |
| 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1969' | 16. No. of Acres in lease 637.40 | 11. Sec., T., R., M., or Blk, and Survey or Area SECTION 18, T10S, R23E |
| 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C | 19. Proposed Depth 8160' | 12. County or Parish UINTAH |
| 20. BLM/BIA Bond No. on file BOND NO. 2971100-2533 | 13. State UTAH | |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5336'GL | 22. Approximate date work will start* | 23. Estimated duration |

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|---|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized office. |

| | | |
|---|---|--------------------------|
| 25. Signature | Name (Printed/Typed) SHEILA UPCHEGO | Date 5/30/2006 |
| Title REGULATORY ANALYST | | |
| Approved by (Signature) | Name (Printed/Typed) JERRY KOWCZKA | Date 2-15-2007 |
| Title Assistant Field Manager Lands & Mineral Resources | Office | |

Application approval 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.
Conditions of approval, if any, are attached. **CONDITIONS OF APPROVAL ATTACHED**
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.
RECEIVED
FEB 21 2007

*(Instructions on reverse)

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING

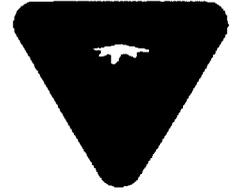


06 BM 1535A



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Kerr-McGee O&G Onshore, LP **Location:** SENW, Sec 18, T10S, R23E
Well No: Bonanza 1023-18F **Lease No:** UTU-38421
API No: 43-047-38244 **Agreement:** N/A

| | | | |
|------------------------------------|---------------------|--------------------------|--------------------|
| Petroleum Engineer: | Ryan Angus | Office: 435-781-4430 | Cell: 435-828- |
| Petroleum Engineer: | James Ashley | Office: 435-781-4470 | Cell: 435-828-7874 |
| Petroleum Engineer: | Matt Baker | Office: 435-781-4490 | Cell: 435-828-4470 |
| Petroleum Engineer: | Michael Lee | Office: 435-781-4432 | |
| Supervisory Petroleum Technician: | Jamie Sparger | Office: 435-781-4502 | Cell: 435-828-3913 |
| NRS/Environmental Scientist: | Scott Ackerman | Office: 435-781-4437 | |
| NRS/Environmental Scientist: | Paul Buhler | Office: 435-781-4475 | Cell: 435-828-4029 |
| NRS/Environmental Scientist: | Jannice Cutler | Office: 435-781-3400 | |
| NRS/Environmental Scientist: | Michael Cutler | Office: 435-781-3401 | |
| NRS/Environmental Scientist: | Anna Figueroa | Office: 435-781-3407 | |
| NRS/Environmental Scientist: | Melissa Hawk | Office: 435-781-4476 | |
| NRS/Environmental Scientist: | Chuck Macdonald | Office: 435-781-4441 | |
| NRS/Environmental Scientist: | Nathan Packer | Office: 435-781-3405 | |
| NRS/Environmental Scientist: | Verlyn Pindell | Office: 435-781-3402 | |
| NRS/Environmental Scientist: | Holly Villa | Office: 435-781-4404 | |
| NRS/Environmental Scientist: | Darren Williams | Office: 435-781-4447 | |
| NRS/Environmental Scientist: | Karl Wright | Office: 435-781-4484 | |
| After Hours Contact Number: | 435-781-4513 | Fax: 435-781-4410 | |

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

- Location Construction (Notify NRS) - Forty-Eight (48) hours prior to construction of location and access roads.
- Location Completion (Notify NRS) - Prior to moving on the drilling rig.
- Spud Notice (Notify Petroleum Engineer) - Twenty-Four (24) hours prior to spudding the well.
- Casing String & Cementing (Notify Supervisory Petroleum Technician) - Twenty-Four (24) hours prior to running casing and cementing all casing
- BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician) - Twenty-Four (24) hours prior to initiating pressure tests.
- First Production Notice (Notify Petroleum Engineer) - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

1. If paleontologic materials are uncovered during construction, the operator shall immediately stop work that might further disturb such materials and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation will be necessary for the discovered paleontologic material.
2. The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be seeded in the same manner as the location topsoil.
3. Once the location is plugged and abandoned, it shall be re-contoured to natural contours, topsoil re-spread where appropriate, and the entire location seeded with the recommended seed mix. Seeding shall take place by broadcasting the seed and walking it into the soil with a dozer immediately after the dirt work is completed.
4. The lessee/operator is given notice that lands on the lease have a stipulation. It is requested that the lessee/operator not initiate surface disturbing activities or drilling from May 15 through July 20.

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. A surface casing shoe integrity test shall be performed.
2. Production casing cement top shall be at a minimum of 200' above the surface casing shoe.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

7. The lessee/operator must report encounters of all non oil & gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to a geologist of the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
8. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
9. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

10. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

11. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
12. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
13. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
14. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (1/4 1/4, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.

15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
16. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
17. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.

UTU-38421

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

BONANZA 1023-18F

9. API Well No.

4304738244

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

KERR MCGEE OIL AND GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3b. Phone No. (include area code)

(435)781-7003

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

**1969' FNL, 2054' FWL
SENW, SEC 18-T10S-R23E**

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

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

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

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE DIVISION OF OIL, GAS AND MINING ON JULY 10, 2006.

Approved by the
Utah Division of
Oil, Gas and Mining

RECEIVED
JUN 11 2007

DIV. OF OIL, GAS & MINING

Date: **06-20-07**

**6-21-07
RM**

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

Name (Printed/Typed)

RAMEY HOOPES

Title

LAND SPECIALIST I

Signature

Ramey Hoopes

Date

June 11, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

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

Office

Title 18 U.S.C. Section 1001, 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.

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 4304738244
Well Name: BONANZA 1023-18F
Location: SENW, SEC 18-T10S-R23E
Company Permit Issued to: KERR-MCGEE OIL AND GAS ONSHORE LP
Date Original Permit Issued: 7/10/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes No

Has the approved source of water for drilling changed? Yes No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

Is bonding still in place, which covers this proposed well? Yes No

Ramey Harper
Signature

6/11/2007
Date

Title: LAND SPECIALIST I

Representing: KERR-MCGEE OIL AND GAS ONSHORE L

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

FORM 6

ENTITY ACTION FORM

Operator: KERR MCGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995
Address: 1368 SOUTH 1200 EAST
city VERNAL
state UT zip 84078 Phone Number: (435) 781-7024

Well 1

| API Number | Well Name | | QQ | Sec | Twp | Rng | County |
|--|-----------------------|-------------------|-----------|-----|-----|----------------------------------|--------|
| 4304738299 | BONANZA 1023-14C | | NENW | 14 | 10S | 23E | UINTAH |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | | Entity Assignment Effective Date | |
| <i>A</i> | 99999 | <i>16623</i> | 1/20/2008 | | | <i>1/24/08</i> | |
| Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSMVD</i> SPUD WELL LOCATION ON 01/20/2008 AT 0900 HRS. | | | | | | | |

Well 2

| API Number | Well Name | | QQ | Sec | Twp | Rng | County |
|--|-----------------------|-------------------|-----------|-----|-----|----------------------------------|--------|
| 4304738244 | BONANZA 1023-18F | | SEnw | 18 | 10S | 23E | UINTAH |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | | Entity Assignment Effective Date | |
| <i>A</i> | 99999 | <i>16624</i> | 1/19/2008 | | | <i>1/24/08</i> | |
| Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSMVD</i> SPUD WELL LOCATION ON 01/19/2008 AT 0800 HRS. | | | | | | | |

Well 3

| API Number | Well Name | | QQ | Sec | Twp | Rng | County |
|--|-----------------------|-------------------|-----------|-----|-----|----------------------------------|--------|
| 4304738243 | BONANZA 1023-18A | | NENE | 18 | 10S | 23E | UINTAH |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | | Entity Assignment Effective Date | |
| <i>A</i> | 99999 | <i>16625</i> | 1/19/2008 | | | <i>1/24/08</i> | |
| Comments: MIRU BILL MARTIN AIR RIG. <i>WSMVD</i> SPUD WELL LOCATION ON 01/19/2008 AT 1000 HRS | | | | | | | |

ACTION CODES:

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

SHEILA UPCHEGO

Name (Please Print)

Signature

SENIOR LAND SPECIALIST

Title

Date

Sheila Upchego
1-22-2008

RECEIVED

JAN 23 2008

(5/2000)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Serial No.

UTU-38421

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

BONANZA 1023-18F

9. API Well No.

4304738244

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

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

SE/NW SEC. 18, T10S, R23E 1969'FNL, 2054'FWL

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

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

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

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.

SPUD WELL LOCATION ON 01/19/2008 AT 0800 HRS.

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

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature



Date

January 22, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

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

Office

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

(Instructions on reverse)

JAN 28 2008

DEPT. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE – Other instructions on reverse side

| | | |
|--|--|--|
| 1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other | | 5. Lease Serial No. UTU-38421 |
| 2. Name of Operator KERR-McGEE OIL & GAS ONSHORE LP | | 6. If Indian, Allottee or Tribe Name |
| 3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078 | 3b. Phone No. (include area code) (435) 781-7024 | 7. If Unit or CA/Agreement, Name and/or No. |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SE/NW SEC. 18, T10S, R23E 1969'FNL, 2054'FWL | | 8. Well Name and No. BONANZA 1023-18F |
| | | 9. API Well No. 4304738244 |
| | | 10. Field and Pool, or Exploratory Area NATURAL BUTTES |
| | | 11. County or Parish, State UINTAH COUNTY, UTAH |

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

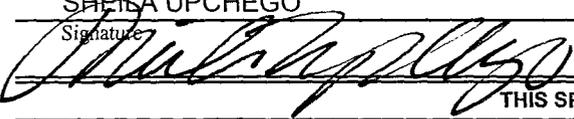
| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|---|--|--|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/>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

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

MIRU BILL MARTIN AIR RIG ON 01/19/2008. DRILLED 12 1/4" SURFACE HOLE TO 2100'. RAN 9 5/8" 36# J-55 SURFACE CSG. LEAD CMT W/300 SX PREM CLASS G @15.8 PPG 1.15 YIELD. TAILED CMT W/100 SX PREM CLASS G @15.8 PPG 1.15 YIELD. NO RETURNS TO PIT. TOP OUT W/380 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE GOOD CMT TO SURFACE HOLE STAYED FULL.

WORT.

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

| | |
|--|--|
| Name (Printed/Typed) SHEILA UPCHEGO | Title SENIOR LAND ADMIN SPECIALIST |
| Signature  | Date January 24, 2008 |

THIS SPACE FOR FEDERAL OR STATE USE

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

Title 18 U.S.C. Section 1001, 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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE – Other instructions on reverse side

5. Lease Serial No.
UTU-38421

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
BONANZA 1023-18F

9. API Well No.
4304738244

10. Field and Pool, or Exploratory Area
NATURAL BUTTES

11. County or Parish, State
UINTAH COUNTY, UTAH

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
KERR-McGEE OIL & GAS ONSHORE LP

3a. Address
1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)
(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE/NW SEC. 18, T10S, R23E 1969'FNL, 2054'FWL

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|--|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete |
| | <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 |
| | | | <input type="checkbox"/> Water Shut-Off |
| | | | <input type="checkbox"/> Well Integrity |
| | | | <input checked="" type="checkbox"/> Other PRODUCTION START-UP |

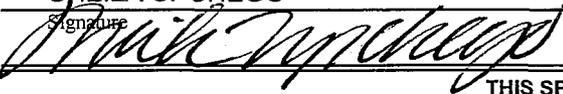
13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical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

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 04/25/2008 AT 1:00 PM.
PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

RECEIVED

MAY 02 2008

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

| | |
|--|--|
| Name (Printed/Typed) SHEILA UPCHEGO | Title SENIOR LAND ADMIN SPECIALIST |
| Signature  | Date April 25, 2008 |

DIV. OF OIL, GAS & MINING

THIS SPACE FOR FEDERAL OR STATE USE

| | | |
|-------------|-------|------|
| Approved by | Title | Date |
|-------------|-------|------|

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

Title 18 U.S.C. Section 1001, 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.

WINS No.: 95655

BONANZA 1023-18F

Start Date: 1/19/2008

AFE No.: 2010537

Operation Summary Report

End Date: 3/16/2008

| | | | | | | |
|---|---------------|--|----------------------|---------------------------------------|------------|-------|
| Operator KERR-MCGEE OIL & GAS ONSHORE LP | | FIELD NAME NATURAL BUTTES | SPUD DATE 1/19/08 | GL 5,336 | KB 5354 | ROUTE |
| API 4304738244 | STATE UTAH | COUNTY UINTAH | DIVISION ROCKIES | | | |
| Lat./Long.: Lat./Long.: 39.95083 / -109.37156 | | Q-Q/Sect/Town/Range: SENW / 18 / 10S / 23E | | Footages: 1,969.00' FNL 2,054.00' FWL | | |
| MTD 8115 | TVD 8104 | LOG MD | PBMD 8060 | PBTVD 8060 | | |

EVENT INFORMATION: **EVENT ACTIVITY:** DRILLING **REASON:**
OBJECTIVE: DEVELOPMENT **DATE WELL STARTED/RESUMED:**
OBJECTIVE2: **Event End Status:** COMPLETE

| | | | | | | | |
|------------------------|--------------------|-----------------|-------------|---------------------|-----------------|-------------|------------------|
| RIG OPERATIONS: | Begin Mobilization | Rig On Location | Rig Charges | Rig Operation Start | Finish Drilling | Rig Release | Rig Off Location |
| PIONEER 68 / 68 | 03/03/2008 | 03/04/2008 | 03/05/2008 | 03/06/2008 | 03/14/2008 | 03/15/2008 | 03/17/2008 |

| Date | Time Start-End | Duration (hr) | Phase | Code | Subcode | P/U | Operation |
|-----------|------------------------|---------------|--------|------|---------|-----|---|
| 1/19/2008 | SUPERVISOR: LEW WELDON | | | | | | |
| | 0:00 - 8:00 | 8.00 | DRLCON | 12 | | P | WAIT ON PETE MARTIN BUCKET RIG |
| | 8:00 - 14:00 | 6.00 | DRLCON | 02 | | P | MOVE IN AND RIG UP BUCKET RIG SPUD WELL @ 0800 HR 1/19/08 DRILL AND SET 40' OF SCHEDULE 10 PIPE DRILL RODENT HOLES FOR RIG 68 BLM AND STATE NOTFIED OF SPUD |
| 1/21/2008 | SUPERVISOR: LEW WELDON | | | | | | |
| | 0:00 - 11:00 | 11.00 | DRLSUR | 12 | | P | WAIT ON CRAIGS AIR RIG |
| | 11:00 - 0:00 | 13.00 | DRLSUR | 02 | | P | MOVE IN AND RIG UP AIR RIG SPUD WELL @ 1100 HR 1/21/08 DA AT REPORT TIME |
| 1/22/2008 | SUPERVISOR: LEW WELDON | | | | | | |
| | 0:00 - 12:00 | 12.00 | DRLSUR | 02 | | P | RIG DRILLING AHEAD NO WATER 1210' |
| | 12:00 - 0:00 | 12.00 | DRLSUR | 02 | | P | RIG DRILLING AHEAD HIT TRONA WATER @ 1380' CIRCULATING WITH SKID PUMP 1610' |
| 1/23/2008 | SUPERVISOR: LEW WELDON | | | | | | |
| | 0:00 - 9:00 | 9.00 | DRLSUR | 02 | | P | RIG T/D @ 2100' CONDITION HOLE 1 HR |
| | 9:00 - 12:00 | 3.00 | DRLSUR | 05 | | P | TRIP DP OUT OF HOLE |
| | 12:00 - 14:00 | 2.00 | DRLSUR | 11 | | P | RUN 2060' OF 9 5/8 CSG AND RIG DOWN AIR RIG |
| | 14:00 - 15:00 | 1.00 | DRLSUR | 15 | | P | CEMENT 1ST STAGE WITH 300 SKS TAIL @ 15.8# 1.15 5.0 GAL/SK NO RETURNS TO PIT |
| | 15:00 - 15:30 | 0.50 | DRLSUR | 15 | | P | 1ST TOP JOB 100 SKS DOWN BS WOC |
| | 15:30 - 17:30 | 2.00 | DRLSUR | 15 | | P | 2ND TOP JOB 100 SKS DOWN BS WOC |
| | 17:30 - 19:30 | 2.00 | DRLSUR | 15 | | P | 3RD TOP JOB 100 SKS DOWN BS WOC |
| | 19:30 - 21:30 | 2.00 | DRLSUR | 15 | | P | 4TH TOP JOB 130 SKS DOWN BS WOC |
| | 21:30 - 23:30 | 2.00 | DRLSUR | 15 | | P | 5TH TOP JOB 50 SKS DOWN BS GOOD CMT TO SURFACE AND STAYED AT SURFACE |
| | 23:30 - 0:00 | 0.50 | DRLSUR | 12 | | P | NO VISIBLE LEAKS PIT 1/4 FULL WORT |
| 3/3/2008 | SUPERVISOR: TIM OXNER | | | | | | |
| | 0:00 - 0:00 | 24.00 | DRLPRO | 01 | E | P | RIGGING DOWN,MOVE MANCAMP & PIPE TUBS,FINISH RIG DOWN. |
| 3/4/2008 | SUPERVISOR: TIM OXNER | | | | | | |

| EVENT INFORMATION: | | EVENT ACTIVITY: DRILLING | | | | | REASON: | |
|-----------------------|----------------|--------------------------|-----------------|-------------|---------------------|-----------------|---|------------------|
| | | OBJECTIVE: DEVELOPMENT | | | | | DATE WELL STARTED/RESUMED: | |
| | | OBJECTIVE2: | | | | | Event End Status: COMPLETE | |
| RIG OPERATIONS: | | Begin Mobilization | Rig On Location | Rig Charges | Rig Operation Start | Finish Drilling | Rig Release | Rig Off Location |
| PIONEER 68 / 68 | | 03/03/2008 | 03/04/2008 | 03/05/2008 | 03/06/2008 | 03/14/2008 | 03/15/2008 | 03/17/2008 |
| Date | Time Start-End | Duration (hr) | Phase | Code | Subcode | P/U | Operation | |
| | 0:00 - 8:00 | 8.00 | DRLPRO | 01 | E | P | RIG DOWN | |
| | 8:00 - 15:30 | 7.50 | DRLPRO | 01 | A | P | MOVE RIG TO BONANZA 1023-18F | |
| | 15:30 - 0:00 | 8.50 | DRLPRO | 01 | B | P | RAISE DERRICK OFF CARRIER,SCOPE SUB.SHUT DOWN CRANE OPERATIONS & SCOPING DERRICK BECAUSE OF HIGH WINDS. | |
| 3/5/2008 | | | | | | | | |
| SUPERVISOR: TIM OXNER | | | | | | | | |
| | 0:00 - 16:00 | 16.00 | DRLPRO | 01 | B | P | RIGGINGUP,SCOPE DERRICK,HANG WIND WALLS W/ CRANE,FINISH RIGGING UP.100% RIGGED UP. | |
| | 16:00 - 22:30 | 6.50 | DRLPRO | 13 | A | P | NIPPLE UP BOP | |
| | 22:30 - 0:00 | 1.50 | DRLPRO | 13 | C | P | TEST KELLY & ALL FLOOR RELATED VALVES. | |
| 3/6/2008 | | | | | | | | |
| SUPERVISOR: TIM OXNER | | | | | | | | |
| | 0:00 - 11:30 | 11.50 | DRLPRO | 13 | C | P | HELD SAFETY MEETING.TEST PIPE,BLIND RAMS & ALL CHOKE RELATED VALVES F/250-5000 PSI,TEST HYDRIL F/250-2500 PSI, TEST CSG TO 1500 PSI & HOLD 30 MIN.B&C QUICK TEST EQUIPMENT PROBLEMS,CHANGED OUT PIPE RAM RUBBERS,SWITCHED PIPE RAM KOOMEY LINES TO EXTRA VALVE ON KOOMEY.KOOMEY PIPE RAM VALVE LEAKING PSI OFF IN MANIFOLD.KILL LINE CHECK VALVE WOULDNT HOLD PSI,REPAIR.OK! INSTALL WEAR BUSHING | |
| | 11:30 - 15:30 | 4.00 | DRLPRO | 05 | A | P | HELD SAFETY MEETING.RIG UP T-REX.PICK UP BHA & 43 JTS DP TO 1945.68'.RIG DOWN T-REX | |
| | 15:30 - 17:00 | 1.50 | DRLPRO | 06 | D | P | SLIP & CUT DRLG LINE | |
| | 17:00 - 18:00 | 1.00 | DRLPRO | 06 | A | P | PRE SPUD RIG INSPECTION | |
| | 18:00 - 19:30 | 1.50 | DRLPRO | 02 | F | P | DRLG CMT,FLOAT & SHOE | |
| | 19:30 - 21:00 | 1.50 | DRLPRO | 02 | A | P | DRLG F/ 2100' - 2209'. 109' TOTAL @ 72.6 HR | |
| | 21:00 - 21:30 | 0.50 | DRLPRO | 09 | A | P | SURVEY @ 2133' 3.27 DEG | |
| | 21:30 - 0:00 | 2.50 | DRLPRO | 02 | A | P | DRLG F/ 2209' - 2400'. 191' TOTAL @ 76.4 HR | |
| 3/7/2008 | | | | | | | | |
| SUPERVISOR: TIM OXNER | | | | | | | | |
| | 0:00 - 0:30 | 0.50 | DRLPRO | 02 | A | P | DRLG F/ 2400' - 2462'. 62' TOTAL @ 124' HR | |
| | 0:30 - 1:00 | 0.50 | DRLPRO | 09 | A | P | SURVEY @ 2385'. 2.71' DEG | |
| | 1:00 - 9:00 | 8.00 | DRLPRO | 02 | A | P | DRLG F/ 2462' - 2968'. 506' TOTAL @ 63.2' HR | |
| | 9:00 - 9:30 | 0.50 | DRLPRO | 09 | A | P | SURVEY @ 2892'. 2.5 DEG | |
| | 9:30 - 13:30 | 4.00 | DRLPRO | 02 | A | P | DRLGF/ 2968' - 3252'. 284' TOTAL @ 71' HR | |
| | 13:30 - 14:00 | 0.50 | DRLPRO | 06 | A | P | RIG SERVICE | |
| | 14:00 - 14:30 | 0.50 | DRLPRO | 07 | A | S | WORK ON ROTARY GEAR BOX SEALS | |
| | 14:30 - 17:30 | 3.00 | DRLPRO | 02 | A | P | DRLG F/ 3252' - 3474'. 222' TOTAL @ 74' HR | |
| | 17:30 - 18:00 | 0.50 | DRLPRO | 09 | A | P | SURVEY @ 3474' 2.88 DEG | |
| | 18:00 - 0:00 | 6.00 | DRLPRO | 02 | A | P | DRLG F/ 3474' - 3966'. 492' TOTAL @ 82' HR 35 VIS / 9.3 MW | |
| 3/8/2008 | | | | | | | | |
| SUPERVISOR: TIM OXNER | | | | | | | | |
| | 0:00 - 0:30 | 0.50 | DRLPRO | 02 | A | P | DRLG F/ 3966' - 3981'. 15' TOTAL @ 30' HR | |
| | 0:30 - 1:00 | 0.50 | DRLPRO | 09 | A | P | SURVEY @ 3905' 2.19 DEG | |
| | 1:00 - 7:00 | 6.00 | DRLPRO | 02 | A | P | DRLG F/ 3981' -4456'. 475' TOTAL @ 79.1' HR | |
| | 7:00 - 7:30 | 0.50 | DRLPRO | 06 | A | P | RIG SERVICE | |
| | 7:30 - 14:30 | 7.00 | DRLPRO | 02 | A | P | DRLG F/ 4456' - 4936'. 480' TOTAL @ 68.5' HR | |
| | 14:30 - 15:00 | 0.50 | DRLPRO | 09 | A | P | SURVEY @ 4860'. 3.04 | |
| | 15:00 - 22:30 | 7.50 | DRLPRO | 02 | A | P | DRLG F/ 4936' - 5437'. 501' TOTAL @ 66.8 | |
| | 22:30 - 23:00 | 0.50 | DRLPRO | 09 | A | P | SURVEY @ 5372'. 3.95 | |

EVENT INFORMATION: EVENT ACTIVITY: DRILLING REASON:
 OBJECTIVE: DEVELOPMENT DATE WELL STARTED/RESUMED:
 OBJECTIVE2: Event End Status: COMPLETE

RIG OPERATIONS: Begin Mobilization Rig On Location Rig Charges Rig Operation Start Finish Drilling Rig Release Rig Off Location
 PIONEER 68 / 68 03/03/2008 03/04/2008 03/05/2008 03/06/2008 03/14/2008 03/15/2008 03/17/2008

| Date | Time Start-End | Duration (hr) | Phase | Code | Subcode | P/U | Operation |
|------|----------------|---------------|--------|------|---------|-----|--|
| | 23:00 - 0:00 | 1.00 | DRLPRO | 02 | A | P | DRLG F/ 5437' - 5478'. 41' TOTAL @ 41' HR 38 VIS/10.0 MW |

3/9/2008
 SUPERVISOR: TIM OXNER
 0:00 - 12:30 12.50 DRLPRO 02 A P DRLG F/ 5478' - 5907'. 439' TOTAL @ 35' HR
 12:30 - 13:00 0.50 DRLPRO 09 A P SURVEY @ 5832' 4.80 DEG
 13:00 - 19:30 6.50 DRLPRO 02 A P DRLG F/ 5907' - 6007'. 100' TOTAL @ 15.3' HR BT/WT BACKED OFF F/DEVATION
 19:30 - 20:00 0.50 DRLPRO 09 A P SURVEY @ 5931'. 4.41 DEG
 20:00 - 21:00 1.00 DRLPRO 07 A S CIRC TO TOOH F/ ROTARY REPAIR.MIX & PUMP PILL.
 21:00 - 0:00 3.00 DRLPRO 07 A S TOOH

3/10/2008
 SUPERVISOR: TIM OXNER
 0:00 - 2:00 2.00 DRLPRO 07 A P TOOH TO REPLACE ROTARY GEAR BOX.
 2:00 - 6:00 4.00 DRLPRO 07 A P CHANGE MOTOR & BIT & TIH TO SHOE.
 6:00 - 13:00 7.00 DRLPRO 07 A P CHANGE OUT ROTARY GEAR BOX.
 13:00 - 17:00 4.00 DRLPRO 05 A P TRIP IN HOLE TO 4935' KELLY UP & REAM THRU TIGHT SPOT, TIH TO 5932'
 17:00 - 17:30 0.50 DRLPRO 03 E P WASH & REAM 75' TO BOTTOM 6007' 43 VIS / 10.6 MW
 17:30 - 23:00 5.50 DRLPRO 02 A P DRLG W/ LIGHT WT FOR DEVATION F/ 6007' - 6160'. 153' TOTAL @ 27.8' HR. 43 VIS / 11.0 MW. LOST RETURNS!
 23:00 - 0:00 1.00 DRLPRO 04 D S LOST 100% RETURNS,WORK TIGHT HOLE & PICK UP 46' OFF BOTTON & REGAIN PARTIAL RETURNS. CIRC & MIX LCM @ 45 SPM.

3/11/2008
 SUPERVISOR: TIM OXNER
 0:00 - 2:30 2.50 DRLPRO 02 A P DRLG F/ 6155' - 6257'. 102' TOTAL @ 40.8' HR
 2:30 - 3:00 0.50 DRLPRO 04 A P CIRCULATE F/ SURVEY RUN.
 3:00 - 3:30 0.50 DRLPRO 07 A S ATTEMPT TO RUN SURVEY,WIRELINE JUMPED SHIVE.
 3:30 - 4:00 0.50 DRLPRO 09 A P SURVEY @ 6170'. 4.57 DEG
 4:00 - 11:00 7.00 DRLPRO 02 A P DRLG F/ 6257' - 6510'. 253'. TOTAL @ 36.1' HR
 11:00 - 11:30 0.50 DRLPRO 09 A P SURVEY @ 6434' 3.73 DEG
 11:30 - 14:30 3.00 DRLPRO 02 A P DRLG F/ 6510' - 6590'. 80' TOTAL @ 26.6' HR
 14:30 - 0:00 9.50 DRLPRO 07 A S SWIVEL QUIL BROKE OF DRILL STRING WHILE DRILLING,DRILL STRING ON BOTTOM WITHOUT ROTATION OR CIRC.WAIT ON 7" ELEVATORS.LATCH UP TO KELLY PULL DRILL STRING OFF BOTTOM & CIRC W/ SWEDGE,PULL 2 STDS,PICK UP KELLY & BREAK DOWN KELLY TO INSPECT.HOOK UP CIRC SWEDGE & CIRC WHILE, WAITING ON INSPECTOR & NEW XO.INSPECT EVERYTHING.

3/12/2008
 SUPERVISOR: TIM OXNER
 0:00 - 2:00 2.00 DRLPRO 07 A P INSPECT KELLY ,SWIVEL & ALL RELATED SUBS.PICK UP SWIVEL & MAKE UP ON KELLY.
 2:00 - 3:30 1.50 DRLPRO 03 E P WASH & REAM 100' BACK TO BOTTOM.
 3:30 - 9:00 5.50 DRLPRO 02 A P DRLG F/ 6590' - 6826'. 236' TOTAL @ 42.5' HR
 9:00 - 9:30 0.50 DRLPRO 06 A P RIG SERVICE
 9:30 - 13:00 3.50 DRLPRO 02 A P DRLG F/ 6826' - 7016'. 190' TOTAL @ 54.2' HR
 13:00 - 13:30 0.50 DRLPRO 09 A P SURVEY @ 6940' 3.54 DEG
 13:30 - 0:00 10.50 DRLPRO 02 A P DRLG F/ 7016' - 7540'. 524' TOTAL @ 49.9' HR. 44 VIS / 11.7 MW

3/13/2008
 SUPERVISOR: TIM OXNER

EVENT INFORMATION: EVENT ACTIVITY: DRILLING REASON:
 OBJECTIVE: DEVELOPMENT DATE WELL STARTED/RESUMED:
 OBJECTIVE2: Event End Status: COMPLETE

RIG OPERATIONS: Begin Mobilization Rig On Location Rig Charges Rig Operation Start Finish Drilling Rig Release Rig Off Location
 PIONEER 68 / 68 03/03/2008 03/04/2008 03/05/2008 03/06/2008 03/14/2008 03/15/2008 03/17/2008

| Date | Time Start-End | Duration (hr) | Phase | Code | Subcode | P/U | Operation |
|------|----------------|---------------|--------|------|---------|-----|---|
| | 0:00 - 3:00 | 3.00 | DRLPRO | 02 | A | P | DRLG F/ 7540' - 7593'. 53' TOTAL @ 17.6' HR |
| | 3:00 - 4:30 | 1.50 | DRLPRO | 04 | A | P | CIRC F/BIT TRIP |
| | 4:30 - 12:00 | 7.50 | DRLPRO | 05 | A | P | TOOH F/ BIT # 3.LAYDOWN MUD MOTOR & CHANGE BITS. |
| | 12:00 - 18:00 | 6.00 | DRLPRO | 05 | A | P | TIH W/ BIT # 3 |
| | 18:00 - 22:00 | 4.00 | DRLPRO | 02 | A | P | DRLG F/ 7593' - 7683'. 90' TOTAL @ 22.5' HR. 44 VIS / 12.0 MUD WT |
| | 22:00 - 0:00 | 2.00 | DRLPRO | 07 | A | P | WORK ON # 1 & 2 MUD PUMPS |

3/14/2008
 SUPERVISOR: TIM OXNER

| | | | | | | | |
|--|---------------|-------|--------|----|---|---|---|
| | 0:00 - 12:30 | 12.50 | DRLPRO | 02 | A | P | DRLG F/ 7683' - 8115'. 432' TOTAL @ 34.5' HR |
| | 12:30 - 14:00 | 1.50 | DRLPRO | 04 | C | P | CIRCULATE F/ SHORT TRIP.MIX & PUMP PILL. |
| | 14:00 - 14:30 | 0.50 | DRLPRO | 05 | E | P | SHORT TRIP 10 STDS TO 7449' |
| | 14:30 - 16:00 | 1.50 | DRLPRO | 04 | C | P | HELD SAFETY MEETING.RIG UP T-REX.MIX & PUMP PILL. |
| | 16:00 - 0:00 | 8.00 | DRLPRO | 05 | A | P | LDDP & BHA |

3/15/2008
 SUPERVISOR: TIM OXNER

| | | | | | | | |
|--|---------------|------|--------|----|---|---|--|
| | 0:00 - 2:30 | 2.50 | DRLPRO | 05 | B | P | LDDP & BHA.PULL WEAR BUSHING,RIG DOWN LDC. |
| | 2:30 - 8:00 | 5.50 | DRLPRO | 08 | F | P | HELD SAFETY MEETING.RIG UP HALLIBURTON & RUN TRIPLE COMBO F/ 8108' TO SHOE & GR F/ SHOE TO SURFACE. |
| | 8:00 - 14:30 | 6.50 | DRLPRO | 11 | A | P | HELD SAFETY MEETING.RIG UP T-REX CASING CREW & RUN 4.5 PRODUCTION CSG TO 8104'. LAYDOWN TAG JT,PICK UP MANDREL & PUP JT, INSTALL ROTATING HEAD. |
| | 14:30 - 15:30 | 1.00 | DRLPRO | 04 | E | P | RIG UP BJ HEAD & CIRCULATE W/ RIG PUMP @ 115 SPM. |
| | 15:30 - 19:00 | 3.50 | DRLPRO | 15 | A | P | HELD SAFETY MEETING,SWITCH LINES TO BJ & TEST LINES TO 4500 PSI. (PUMP 20 BBLS MUD CLEAN @ 8.3 PPG) (PUMP SCAVENGER SLURRY 20 SCKS PL2+8%GEL+3%KCL+0.5#KOL+0.25#CF @ 9.5 PPG,8.45cf/SACK YIELD) (PUMP LEAD SLURRY 331 SCKS PL2+8%GEL+3%KCL++0.5#KOL+0.25#CF@ 11.2 PPG 3.13 cf/SACK YIELD) (PUMP TAIL SLURRY 1100 SCKS 50:50:2+10%NaCl+0.2%R-3+0.05#CF+0.002FP-6L @ 14.3 PPG,1.31cf/SACK YIELD) (DROP PLUG & DISPLACE W/ 125.3 BBLS CLAYTREAT +1GL MAGNACIDE @ 8.3 PPG) (DROP PLUG) (2670 PUMPING PSI) (BUMP PLUG @ 3224 PSI, 554 OVER PSI) (100% RETURNS) (35 BBLS CEMENT BACK) (BLEED OFF 1.5 BBLS H2O BACK) (FLUSH BOP W/ H2O) |
| | 19:00 - 20:00 | 1.00 | DRLPRO | 13 | B | P | SET MANDREL W/ 65K STRING WT.TEST MANDREL TO 5000 PSI & RIG DOWN BJ |
| | 20:00 - 20:00 | 0.00 | DRLPRO | 13 | A | P | NIPPLE DOWN BOP.DROP 20 CHLORINE TABS DOWN CSG.INSTALL NIGHT CAP & CLEAN MUD PITS. (RELEASE RIG @ 23:59) |

WINS No.: 95655

BONANZA 1023-18F

Start Date: 4/9/2008

AFE No.: 2010537

Operation Summary Report

End Date: 4/24/2008

| | | | | | |
|---|------------------------------|--|---------------------|---------------------------------------|-------|
| Operator KERR-MCGEE OIL & GAS ONSHORE LP | FIELD NAME NATURAL BUTTES | SPUD DATE 1/19/08 | GL 5,336 | KB 5354 | ROUTE |
| API 4304738244 | STATE UTAH | COUNTY UINTAH | DIVISION ROCKIES | | |
| Lat./Long.: Lat./Long.: 39.95083 / -109.37156 | | Q-Q/Sect/Town/Range: SENW / 18 / 10S / 23E | | Footages: 1,969.00' FNL 2,054.00' FWL | |
| MTD 8115 | TVD 8104 | LOG MD | PBMD 8060 | PBTVD 8060 | |

EVENT INFORMATION: **EVENT ACTIVITY:** COMPLETION **REASON:** MV
OBJECTIVE: DEVELOPMENT **DATE WELL STARTED/RESUMED:**
OBJECTIVE2: ORIGINAL **Event End Status:** COMPLETE

RIG OPERATIONS: Begin Mobilization Rig On Location Rig Charges Rig Operation Start Finish Drilling Rig Release Rig Off Location
LEED 698 / 698 04/09/2008 04/24/2008 04/24/2008

| Date | Time Start-End | Duration (hr) | Phase | Code | Subcode | P/U | Operation |
|------|----------------|---------------|-------|------|---------|-----|-----------|
|------|----------------|---------------|-------|------|---------|-----|-----------|

4/9/2008
SUPERVISOR: BRAD BURMAN

| | | | | | | | |
|--------------|-------|------|----|--|---|-------------------|--|
| 7:00 - 7:30 | 0.50 | COMP | 48 | | P | JSA#1 | |
| 7:30 - 17:30 | 10.00 | COMP | 30 | | P | 7AM [DAY 1] JSA#1 | |

RDMO BONANZA 1023-18A. ROAD RIG TO BONANZA 1023-18F. MIRU, SPOT EQUIP. NDWH, NUBOP. R/U FLOOR & TBG EQUIP. P/U & RIH W/ 3-7/8" MILL & 256 JTS NEW 2-3/8" J-55 TBG. [SLM] TBG WAS DRIFTED. TAG FILL @ 8040'.
5:30 PM SWI-SDFN. PREP TO C/O TO PBTD, POOH, P.T. & PERF IN AM.
NOTE: FOUND BOTH CSG VALES BAD. SOME ONE HAD RAN INTO BOTH VALVES?? BENDING THE STEMS. HAD FMC REPLACE BOTH VALVES.

4/10/2008
SUPERVISOR: BRAD BURMAN

| | | | | | | | |
|-------------|------|------|----|--|---|-------|--|
| 7:00 - 7:30 | 0.50 | COMP | 37 | | P | JSA#2 | |
|-------------|------|------|----|--|---|-------|--|

EOT @ 8040'. R/U SWVL & PMP. ESTAB CIRC W/ TRW. DRILL & C/O HARD CMT TO PBTD @ 8062'. CIRS WELL CLN W/ 120 BBLs. R/D SWVL & PMP. POOH & L/D 18 JTS ON FLOAT. CONTINUE POOH STDG BACK TBG. L/D MILL. NDBOP, N/U FRAC VALVES. R/U FLOOR. MIRU DBL JACK. P.T. CSG & FRAC VALVES TO 7500#. RDMO DBL JACK.
[STG#1] MIRU CUTTERS. RIH W/ PERF GUNS & PERF THE M.V. @ 7884'-7886', 3 SPF, 120* PHS, 7922'-7926', 4 SPF, 90* PHS, 7958'-7962', 4 SPF, 4 SPF, 90* PHS & 8028'-8030', 3 SPF, 120* PHS USING 3-3/8" EXP GUN, 23 GM, 0.36, [44 HLS] WHP=0#. POOH & L/D WIRELINE TOOLS. RDMO CUTTERS.
3PM SWI-SDFN.

4/11/2008
SUPERVISOR: BRAD BURMAN

| | | | | | | | |
|--------------|------|------|----|--|---|--|--|
| 7:00 - 15:00 | 8.00 | COMP | 46 | | P | [DAY 3] RIG ON STANDBY. PREP TO FRAC W/ WTRD ON MONDAY 4/14/08 | |
|--------------|------|------|----|--|---|--|--|

4/14/2008
SUPERVISOR: BRAD BURMAN

EVENT INFORMATION: EVENT ACTIVITY: COMPLETION REASON: MV
 OBJECTIVE: DEVELOPMENT DATE WELL STARTED/RESUMED: 1/19/2008
 OBJECTIVE2: ORIGINAL Event End Status: COMPLETE

RIG OPERATIONS: Begin Mobilization Rig On Location Rig Charges Rig Operation Start Finish Drilling Rig Release Rig Off Location
 LEED 698 / 698 04/09/2008 04/24/2008 04/24/2008

| Date | Time Start-End | Duration (hr) | Phase | Code | Subcode | P/U | Operation |
|------|----------------|---------------|-------|------|---------|-----|---|
| | 6:00 - 6:30 | 0.50 | COMP | 48 | | P | WTFRD JSA |
| | 6:30 - 18:00 | 11.50 | COMP | 36 | | P | 6AM [DAY 4] MIRU WTFRD, CUTTERS & DELSCO. P.T. SURFACE LINES TO 7500#. [STG#1] WE-SICP=1580#. BRK DN PERFS @ 3810# @ 3 BPM. ISIP=2585, F.G.=.77. PMP'D 3 BBLS 15% HCL AHEAD OF INJ. CALC ALL PERFS OPEN. PMP'D 1836 BBLS SLK WTR & 57,459# 30/50 SD W/ 5000# R.C. SAND @ TAIL. ISIP=2364, F.G.=.74, NPI=NEG 221, MP=6457, MR=52, AP=3731, AR=50 BPM. [STG#2] RIH W/ BAKER 8K CBP & PERF GUNS. SET CBP @ 7812'. PERF THE M.V. @ 7702'-7706', 3 SPF, 120* PHS, 7746'-7752', 4SPF, 90* PHS & 7780'-7782', 3 SPF, 120* PHS USING 3-3/8" EXP GUNS, 23 GM, 0.36, [42 HLS] WHP=2150#. BRK DN PERFS @ 2483# @ 5 BPM. ISIP=2181, F.G.=.72. CALC ALL PERFS OPEN. PMP'D 1105 BBLS SLK WTR & 36,449# 30/50 SD W/ 5000# R.C. SAND @ TAIL. ISIP=2584, F.G.=.77, NPI=403, MP=4782, MR=52, AP=3985, AR=50 BPM. [STG#3] RIH W/ BAKER 8K CBP & PERF GUN.SET CBP @ 7660'. PERF THE M.V. @ 7580'-7584' USING 3-3/8" EXP GUN, 23 GM, 0.36, 90* PHS, 4 SPF, [16 HLS] PERFORM IFIT TEST W/ PERF GUNS IN WELL. MONITOR SURFACE PSI W/ HALLIBURTON GAUGE. BRK DN PERFS @ 3990# @ 3 BPM. ISIP=2620, F.G.=.79, 5 MIN=2306, 10 MIN=2301, 15 MIN=2280. PERF THE REMAINING M.V. STG @ 7418'-7420', 3SPF, 120* PHS, & 7466'-7472', 4 SPF, 90* PHS USING 3-3/8" EXP GUNS, 23 GM, 0.36, [30 HLS] WHP= 1300#. BRK DN PERFS @ 3684# @ 4 BPM. ISIP=2151, F.G.=.73. CALC ALL PERFS OPEN. PMP'D 2344 BBLS SLK WTR & 82,766# 30/50 SD W/ 5000# R.C. SAND @ TAIL. ISIP=2805, F.G.=.81, NPI=654, MP=4979, MR=53, AP=3848, AR=50 BPM. [STG#4] RIH W/ BAKER 8K CBP & PERF GUN. SET CBP @ 7262'. PERF THE M.V. @ 7035'-7038', 3 SPF, 120* PHS, 7110'-7116' & 7229'-7232' 4 SPF, 90* PHS USING 3-3/8" EXP GUN, 23 GM, 0.36, [45 HLS] WHP=0#. BRK DN PERFS @ 3602# @ 3 BPM. ISIP=2159, F.G.=.74. CALC ALL PERFS OPEN. PMP'D 4376 BBLSSLK WTR & 158,668# 30/50 SD W/ 5000# R.C. SAND @ TAIL. ISIP=2288, F.G.=.76, NPI=129, MP=7113, MR=51, AP=3128, AR=51 BPM. NO ACID IN FLUSH DUE TO DFIT TEST ON STG#5. [STG#5] RIH W/ BAKER 8K CBP & PERF GUN. SET CBP @ 6905'. PERF THE M.V. @ 6870'-6876' USING 3-3/8" EXP GUN, 23 GM, 0.36, 90* PHS, 4 SPF, [24 HLS] POOH & L/D WIRELINE TOOLS. R/U DELSCO LUBRICATOR.RIH ON SLK LINE W/ D.H. PSI GAUGES & SET @ 6860'. LEAVE GAUGES HANGING IN WELL. PERFORM DFIT TEST. BRK DN PERFS @ 5302# @ 4.6 BPM. PMP'D 24 BBLS @ 2720# @ 4.8 BPM.ISIP=2332, F.G.=.78. ALSO MONITOR SURFACE PRESSURES W/ HALLIBURTON SURFACE GAUGE. – MONITOR BOTH GAUGES OVERNIGHT. 6 PM SDFN. PREP TO PULL D.H. GAUGES IN AM, PERF REMAINING STG, FRAC 5, DFIT & FRAC STG#6. |

4/15/2008

SUPERVISOR: BRAD BURMAN

| | | | | | |
|-------------|------|------|----|---|---------------|
| 7:00 - 7:30 | 0.50 | COMP | 48 | P | HLD WTFRD JSA |
|-------------|------|------|----|---|---------------|

EVENT INFORMATION: EVENT ACTIVITY: COMPLETION REASON: MV
 OBJECTIVE: DEVELOPMENT DATE WELL STARTED/RESUMED:
 OBJECTIVE2: ORIGINAL Event End Status: COMPLETE

RIG OPERATIONS: Begin Mobilization Rig On Location Rig Charges Rig Operation Start Finish Drilling Rig Release Rig Off Location
 LEED 698 / 698 04/09/2008 04/24/2008 04/24/2008

| Date | Time Start-End | Duration (hr) | Phase | Code | Subcode | P/U | Operation |
|------|----------------|---------------|-------|------|---------|-----|--|
| | 7:30 - 18:30 | 11.00 | COMP | 36 | | P | <p>6AM [DAY 5] [STG#5] OVERNIGHT SICP=1943#. POOH W/ D.H. PSI GAUGES. RIH & PERF THE REMAINING M.V. @ 6728'-6732' USING 3-3/8" EXP GUNS, 23 GM, 0.36, 90* PHS, 4 SPF [16 HLS] WHP=600#. BRK DN PERFS @ 2982# @ 3 BPM. ISIP=2315#, F.G.=.78. CALC 37/40 PERFS OPEN. PMP'D 619 BBLS SLK WTR & 17,514# 30/50 SD W/ 5000# R.C. SD @ TAIL. ISIP=2489, F.G.=.81, NPI=174, MP=6993, MR=53, AP=4117, AR=53 BPM.</p> <p>[STG#6] RIH W/ BAKER 8K CBP & PERF GUNS. SET CBP @ 6474'. PERF THE M.V. @ 6440'-6444' USING 3-3/8" EXP GUNS, 23 GM, 0.36, 90* PHS, 4 SPF, [16 HLS] POOH W/ WIRELINE TOOLS. R/U DELSCO SLK LINE. RIH W/ D.H. PSI GAUGES & SET @ 6430'. LEAVE D.H. GAUGES HANGING IN WELL. PERFORM DFIT TEST. BRK DN PERFS @ 3378# @ 4.9 BPM. PMP'D 24 BBLS @ 1595# @ 4.8 BPM. ISIP=1315, F.G.=.65. ALSO MONITOR SURFACE PSI W/ HLBRTN SURFACE GAUGES. MONITOR BOTH GUAGES FOR 6 HRS. 6 HR SICP=169#. POOH W/ D.H. PSI GAUGES. RIH & PERF THE REMAINING M.V. @ 6302'-6306', 3 S PF, 120* PHS, & 6344'-6348', 4 SPF, 90* PHS USING 3-3/8" EXP GUNS, 23GM, 0.36, [28 HLS] WHP=0#. BRK DN PERFS @ 1885# @ 3 BPM. ISIP=1331, F.G.=.65. CALC ALL PERFS OPEN. PMP'D 2227 BBLS SLK WTR & 77,222# 30/50 SD W/ 5000# R.C. SAND @ TAIL. ISIP=2056, F.G.=.76, NPI=725, MP=5171, MR=50, AP=3017, AR=50 BPM.</p> <p>[KILL PLUG] RIH W/ BAKER 8K CBP & SET @ 6252'. POOH & L/D WIRELINE TOOLS. RDMO CUTTERS, DELSCO & WTFRD. GRND TOTAL 30/50 & R.C. SAND=430,078#, & TOTAL FLUID=12,507 BBLS.</p> <p>6:30 PM SWI-SDFN. PREP TO DRILL OUT 6 CBP'S IN AM.</p> |

4/16/2008

SUPERVISOR: BRAD BURMAN

| | | | | | | |
|--------------|------|------|----|--|---|---|
| 7:00 - 7:30 | 0.50 | COMP | 48 | | P | JSA#5 |
| 7:30 - 17:00 | 9.50 | COMP | 44 | | P | <p>7AM [DAY 6] R/D FLOOR. N/D FRAC VALVES. NUBOP. R/U FLOOR & TBG EQUIPMNENT. P/U 3-7/8" BIT, POBS W/ XN NIPPLE & RIH OUT OF DERRICK ON 2-3/8" TBG. TAG CBP#1 @ 6252'. R/U SWVL & PMP. ESTAB CIRC W/ TRW. P.T. BOP TO 3000#.</p> <p>[DRLG CBP#1] @ 6252'. DRILL OUT BAKER 8K CBP IN 5 MIN. 25# DIFF. RIH, TAG SD @ 6444' C/O 30' SD. FCP=125#.</p> <p>[DRLG CBP#2] @ 6474'. DRILL OUT BAKER 8K CBP IN 6 MIN. 75# DIFF. RIH, TAG SD @ 6875'. C/O 30' SD. FCP=225#.</p> <p>[DRLG CBP#3] @ 6905'. DRILL OUT BAKER 8K CBP IN 8 MIN. 100# DIFF. RIH, TAG SD @ 7232'. C/O 30' SD. FCP=300#.</p> <p>[DRLG CBP#4] @ 7262'. DRILL ON PLUG. TBG TOURQED UP & SNAPPED OFF TBG W/ 1500# SET ON TOURQE.??? TBG WEIGHED 34,000#. NOW WEIGHS 4000#. SHUT PIPE RAMS. FCP=375#. DRILLED OFF TOP OF PLUG#4. CHAIN & BOOMER TBG TO BOP. LEAVE WELL FLOWING TO PIT OVERNIGHT TO RELIEVE PRESSURE. FLOW TESTERS ON LOCATION.</p> <p>5 PM SDFN. FCP=550#. PREP TO KILL WELL & FISH TBG IN AM - IF WELL ALLOWS.</p> |

4/17/2008)
 SUPERVISOR: BRAD BURMAN

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 OBJECTIVE2: ORIGINAL Event End Status: COMPLETE

RIG OPERATIONS: Begin Mobilization Rig On Location Rig Charges Rig Operation Start Finish Drilling Rig Release Rig Off Location
 LEED 698 / 698 04/09/2008 04/24/2008 04/24/2008

| Date | Time Start-End | Duration (hr) | Phase | Code | Subcode | P/U | Operation |
|------|----------------|---------------|-------|------|---------|-----|--|
| | 7:00 - 15:00 | 8.00 | COMP | 30 | | P | 7:AM[DAY 7] HSM, PRES CONTROL. RELEVE FLOWBACK CREW. WELL FLOWING OPEN CHOKE 250 PSI. PUMP 100 BBLs BRINE TO CONTROL WELL. POOH W/ 12 JTS 23/8" TBG. POSSIBLE SPLIT COLLAR. THREDS ON LAST JT PULLED. FISH TOP 250' FT. PU 37/8" OVERSHOT W/ 3 1/16 SPIRAL GRAPPEL. RIH W/ 12 JTS J-55 TBG. LATCH ONTO FISH @ 250'. TBG STUCK @ BIT, ACCORDING TO STRETCH.WORK TBG SEVERAL HRS. STILL STUCK. UNABLE TO GET WIRELINE UNTIL AM. PUT WELL ON 32/64 CHOKE FOR NIGHT. TURN WELL OVER TO FLOWBACK CREW. 3:PM |

4/18/2008
 SUPERVISOR: JON MILES
 8:00 - COMP 34 A X WELL FLOWING TO PIT, 600 PSI ON 30/64" CK. OPEN TO FULL CHOKE. FLOW PRESS DOWN TO 250 PSI. KILL WELL W/ 100 BBLs BRINE. RU WIRELINE (CASED HOLE SOLUTIONS). FREEPOINT, 55% STUCK @ 7233'.
 RIH W/ 1 7/16" CUTTER. CUT PIPE @ 7210'. POOH W/ 11 JTS 2 3/8" FISHING TOOL. LD FISHING TOOL. CONT POOH W/ 2 3/8" TBG. EOT 3000'. SWI, 1630.

4/21/2008
 SUPERVISOR: JON MILES
 7:00 - 17:00 10.00 HSM. 700 PSI ON WELL 30/64" CHOKE. OPEN TO FULL CHOKE. BLOW DOWN. KILL WELL W/ 100 BBLs BRINE. POOH W/ 3000' 2 3/8" TBG & 17' CUT JT. PU 3 1/8" OS W/ 2 3/8" GRAPPEL, 3 1/8" JAR, 3 1/8" BUMPER SUB, (4) 3 1/8" DRILL COLLARS & 3 1/8" INTENSIFIER.
 RIH W/ 2 3/8" TBG. LATCH ONTO FISH @ 7210'. WORK TBG, JARRING 5 HRS. FISH MOVED 4'. FISH QUIT MOVING. GOT OFF FISH. POOH W/ 2 3/8" TBG. EOT 6100', ABOVE PERFS. PUT WELL FLOWING TO PIT ON 30/64" CK. TURN WELL OVER TO FLOWTESTERS.
 NOTE: FINISH POOH & RIH W/ WASHOVER PIPE & SHOE.

4/22/2008
 SUPERVISOR: JON MILES
 7:00 - 17:00 10.00 COMP HSM. 700 PSI ON WELL. FLOWING ON 30/64" CK. BLOW DOWN, KILL WELL W/ 100 BBLs BRINE.
 POOH W/ 2 3/8" TBG & FISHING BHA. PU 3 3/4" OD X 3 1/4" ID MILL SHOE, 2 JTS 3 3/8" WASHPIPE, X-O, (4) 3 1/8" DRILL COLLARS, JAR, BUMPER SUB, INTENSIFIER.
 RIH W/ 2 3/8" TBG. STOP @ 7200'. RU FOAM UNIT. BROKE CIRC. WASHOVER FISH & DOWN TO BIT @ 7254'. CIRC WELL CLEAN. KILL TBG. POOH TO 6000'. PUT WELL ON 30/64" CK. TURN WELL OVER TO FLOWTESTERS. SDFN 1800HR.

4/23/2008
 SUPERVISOR: JON MILES
 7:00 - 19:00 12.00 COMP 31 B P 7:00 HSM. WELL WAS FLOWING ON 30/64 CHOKE. BLOW WELL DOWN. KILL WELL W/ 100BBLs BRINE. POOH W/ 23/8" TBG & BHA. CUT JT , 1 JT, & TOP PART OF POBS CAUGHT IN WASHPIPE. PU 37/8" OVERSHOT W/ 31/8' GRAPPEL, JARS, BUMPERSUB, 4-31/8' DRILL COLLARS, INTEN. RIH W/ 23/8" TBG. GOT TO 7254'. WORK TBG, THOUGHT TO HAVE FISH. POOH W/ 23/8" TBG, FISHING BHA. BIT SUB & BIT IN FISHING TOOL. SWI 7:PM

EVENT INFORMATION: EVENT ACTIVITY: COMPLETION REASON: MV
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| Date | Time Start-End | Duration (hr) | Phase | Code | Subcode | P/U | Operation |
|------|----------------|---------------|-------|------|---------|-----|-----------|
|------|----------------|---------------|-------|------|---------|-----|-----------|

4/24/2008
 SUPERVISOR: JON MILES
 7:00 - 15:00 8.00 COMP 31 I P 7:AM HSN. WELL WAS SHUT IN 1450 PSI ON WELL. BLOW DOWN. KILL W/ BRINE. LD DRILL COLLARS & TOOLS. PU 37/8" BIT, X-TRA FLOAT, POBS, X-NIPPLE. RIH W/ 23/8" TBG. TAG 4# CBP @ 7264. RI DRILL EQUIP, BROKE CONV CIR. DRILL UP CBP, NO PRES INC. RIH TAG @ 7570', 90' FILL, DRILL DOWN TO CBP @ 7660'. DRILL UP CBP 100 PSI DIF INC. RIH TAG @ 7782', 30' SAND. DRILL DOWN TO CBP @ 7812'. 100 PSI DIF INC. RIH TAG FILL @ 8040'. DRILL TO PBD @ 8060'. CIR WELL CLEAN. POOH LD 21 JTS 23/8" TBG.235 JTS IN WELL, LAND TBG. EOT @ 7404.49'. POBS, PUT WELL FLOWING TO PIT.

4/25/2008
 SUPERVISOR: MARK BONNIE
 7:00 - 7 AM FLOWBACK REPORT - CP 2450#, TP 1500#, 20/64" CK, 18 BWP, TRACE SAND
 TTL BBLs RECOVERED: 9330
 BBLs LEFT TO RECOVER: 3177
 13:00 - PROD
 WELL TURNED TO SALES @ 1300 HRS ON 4/25/2008 - FTP 1550#, FCP 2430#, CK 20/64", 2100 MCFD, 480 BW, 0 BC

4/26/2008
 SUPERVISOR: MARK BONNIE
 7:00 - 7 AM FLOWBACK REPORT - CP 2100#, TP 1300#, 20/64" CK, 50 BWP, TRACE SAND
 TTL BBLs RECOVERED: 9966
 BBLs LEFT TO RECOVER: 2541

4/27/2008
 SUPERVISOR: MARK BONNIE
 7:00 - 7 AM FLOWBACK REPORT - CP 2025#, TP 1300#, 16/64" CK, 20 BWP, TRACE SAND
 TTL BBLs RECOVERED: 10,421
 BBLs LEFT TO RECOVER: 2086

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU-384241

1a. Type of Well Oil Well Gas Dry Other
b. Type of Completion: New Work Over Deepen Plug Back Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

2. Name of Operator
KERR-MCGEE OIL & GAS ONSHORE LP

7. Unit or CA Agreement Name and No.

3. Address **1368 SOUTH 1200 EAST, VERNAL, UTAH 84078**
3a. Phone No. (include area code) **(435) 781-7024**

8. Lease Name and Well No.
BONANZA 1023-18F

4. Location of Well (Report locations clearly and in accordance with Federal requirements) *

At surface **SE/NW 1969'FNL, 2054'FWL**

9. API Well No.
4304738244

At top prod. interval reported below

10. Field and Pool, or Exploratory
NATURAL BUTTES

At total depth

11. Sec., T., R., M., or Block and Survey or Area **SEC. 18, T10S, R23E**

14. Date Spudded **01/19/08**
15. Date T.D. Reached **03/14/08**
16. Date Completed D & A Ready to Prod. **04/25/08**

12. County or Parish **UINTAH**
13. State **UTAH**

17. Elevations (DF, RKB, RT, GL)*
5336'GL

18. Total Depth: MD **8115'** TVD
19. Plug Back T.D.: MD **8060'** TVD
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? No Yes (Submit copy)
Was DST run? No Yes (Submit copy)
Directional Survey? No Yes (Submit copy)

CBL-CCL-GR, SD, DSN, ACTR

23. Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 20" | 14" | 36.7# | | 40' | | 28 SX | | | |
| 12 1/4" | 9 5/8" | 36# | | 2100' | | 780 SX | | | |
| 7 7/8" | 4 1/2" | 11.6# | | 8115' | | 1431 SX | | | |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Set (MD) |
|--------|----------------|-------------------|------|----------------|-------------------|------|----------------|-----------------|
| 2 3/8" | 7404' | | | | | | | |

25. Producing Intervals

26. Perforation Record

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|--------------|-------|--------|---------------------|------|-----------|--------------|
| A) MESAVERDE | 6302' | 8030' | 6302'-8030' | 0.36 | 261 | OPEN |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

| Depth Interval | Amount and type of Material |
|----------------|---|
| 6302'-8030' | PMP 12,507 BBLS SLICK H2O & 430,078# 30/50 SD |

RECEIVED

MAY 08 2008

28. Production - Interval A

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|-------------------------|-------------------|-----------------|---------|---------|-----------|-----------------------|-------------|--------------------|
| 04/25/08 | 05/05/08 | 24 | → | 5 | 2,083 | 360 | | | FLOWS FROM WELL |
| Choke Size | Tbg. Press. Flwg. 1087# | Csg. Press. 1523# | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Well Status | |
| 18/64 | SI | SI | → | 5 | 2083 | 360 | | | PRODUCING GAS WELL |

DIV. OF OIL, GAS & MINING

28a. Production - Interval B

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|----------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | | | → | | | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. SI | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Well Status | |
| | | | → | | | | | | |

28b. Production - Interval C

| | | | | | | | | | |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Date First Produced | Test Date | Hours Tested | Test Production → | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate → | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio | Well Status | |

28c. Production - Interval D

| | | | | | | | | | |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Date First Produced | Test Date | Hours Tested | Test Production → | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate → | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio | Well Status | |

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

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.

31. Formation (Log) Markers

| Formation | Top | Bottom | Descriptions, Contents, etc. | Name | Top |
|----------------------|----------------|--------|------------------------------|------|-------------|
| | | | | | Meas. Depth |
| WASATCH MESAVERDE | 4030' 6107' | 6107' | | | |

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- 1. Electrical/Mechanical Logs (1 full set req'd.)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 5. Core Analysis
- 7. Other:

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

Name (please print) SHEILA UPCHEGO Title SENIOR LAND ADMIN SPECIALIST
 Signature  Date 05/05/08

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.

| | |
|---|--|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-38421 |
|---|--|

| | |
|--|--|
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: |
|--|--|

| | |
|------------------------------------|---|
| 1. TYPE OF WELL Gas Well | 8. WELL NAME and NUMBER: BONANZA 1023-18F |
|------------------------------------|---|

| | |
|---|---|
| 2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P. | 9. API NUMBER: 43047382440000 |
|---|---|

| | | |
|---|--|--|
| 3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 | PHONE NUMBER: 720 929-6007 Ext | 9. FIELD and POOL or WILDCAT: NATURAL BUTTES |
|---|--|--|

| | |
|---|---|
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1969 FNL 2054 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 18 Township: 10.0S Range: 23.0E Meridian: S | COUNTY: UINTAH STATE: UTAH |
|---|---|

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|---|
| <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/14/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: |

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

THE OPERATOR REQUESTS AUTHORIZATION TO RECOMPLETE THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO RECOMPLETE THE WASATCH FORMATION. THE OPERATOR REQUESTS AUTHORIZATION TO COMMINGLE THE NEWLY WASATCH WITH THE EXISTING MESAVERDE FORMATION. PLEASE REFER TO THE ATTACHED RECOMPLETION PROCEDURE.

Accepted by the Utah Division of Oil, Gas and Mining

Date: June 15, 2010

By: *Dan Lytle*

| | | |
|--|-------------------------------------|------------------------------------|
| NAME (PLEASE PRINT) Andy Lytle | PHONE NUMBER 720 929-6100 | TITLE Regulatory Analyst |
| SIGNATURE N/A | | DATE 6/9/2010 |



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047382440000

Authorization: Board Cause No. 179-14

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

Date: June 15, 2010

By: *Dan K. [Signature]*

Greater Natural Buttes Unit



BONANZA 1023-18F RE-COMPLETIONS PROCEDURE

**DATE:6/9/10
AFE#:**

COMPLETIONS ENGINEER: Sarah Schaftenaar, Denver, CO
(303)-895-5883 (Cell)
(720)-929-6605 (Office)

SIGNATURE:

ENGINEERING MANAGER: JEFF DUFRESNE

SIGNATURE:

REMEMBER SAFETY FIRST!

Name: Bonanza 1023-18F
Location: SE NW Sec. 18 T10S R23E
Uintah County, UT
Date: 6/2/10

ELEVATIONS: 5336' GL 5354' KB

TOTAL DEPTH: 8105' **PBTD:** 8060'
SURFACE CASING: 9 5/8", 36# J-55 ST&C @ 2080'
PRODUCTION CASING: 4 1/2", 11.6#, I-80 LT&C @ 8105'
 Marker Joint **4032-4053'**

TUBULAR PROPERTIES:

| | BURST (psi) | COLLAPSE (psi) | DRIFT DIA. (in.) | CAPACITIES | |
|----------------------------------|----------------|-------------------|---------------------|------------|----------|
| | | | | (bbl/ft) | (gal/ft) |
| 2 3/8" 4.7# J-55 tbg | 7,700 | 8,100 | 1.901" | 0.00387 | 0.1624 |
| 4 1/2" 11.6# I-80 (See above) | 7780 | 6350 | 3.875" | 0.0155 | 0.6528 |
| 2 3/8" by 4 1/2" Annulus | | | | 0.0101 | 0.4227 |

TOPS:

996' Green River Top
 1303' Bird's Nest Top
 1772' Mahogany Top
 4030' Wasatch Top
 6107' Mesaverde Top

BOTTOMS:

6107' Wasatch Bottom
 8105' Mesaverde Bottom (TD)

Estimated T.O.C. from CBL @ ~1500'

GENERAL:

- A minimum of **4** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Halliburton's Induction-Density-Neutron log dated 3/15/08
- **1** fracturing stages required for coverage.
- Procedure calls for **2** CBP's (**8000** psi) .
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Pump scale inhibitor at 3 gpt (in pad and until 1.25 ppg ramp up is reached) and 10 gpt in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, **Slickwater frac.**
- Maximum surface pressure **6200** psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). **DO NOT OVERDISPLACE.** Stage acid and scale inhibitor if necessary to cover the next perforated interval.

- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.
- Pump 20/40 mesh **resin coated sand** last 5,000# of all frac stages
- Tubing Currently Landed @~7404
- Originally completed on 4/11/2008

Existing Perforations:

| Zone | Feet of Pay | Perfs | | SPF | Holes |
|-----------|-------------|----------|----------|-----|-------|
| | | Top, ft. | Bot., ft | | |
| MESAVERDE | 2 | 6302 | 6306 | 3 | 12 |
| MESAVERDE | 2 | 6344 | 6348 | 4 | 16 |
| MESAVERDE | 2 | 6440 | 6444 | 4 | 16 |
| MESAVERDE | 2 | 6728 | 6732 | 4 | 16 |
| MESAVERDE | 3 | 6870 | 6876 | 4 | 24 |
| MESAVERDE | 4 | 7035 | 7038 | 3 | 9 |
| MESAVERDE | 2 | 7110 | 7116 | 4 | 24 |
| MESAVERDE | 3 | 7229 | 7232 | 4 | 12 |
| MESAVERDE | 3 | 7418 | 7420 | 3 | 6 |
| MESAVERDE | 12 | 7466 | 7472 | 4 | 24 |
| MESAVERDE | 17 | 7580 | 7584 | 4 | 16 |
| MESAVERDE | 4 | 7702 | 7706 | 3 | 12 |
| MESAVERDE | 5 | 7746 | 7752 | 4 | 24 |
| MESAVERDE | 5 | 7780 | 7782 | 3 | 6 |
| MESAVERDE | 2 | 7884 | 7886 | 3 | 6 |
| MESAVERDE | 3 | 7922 | 7926 | 4 | 16 |
| MESAVERDE | 5 | 7958 | 7962 | 4 | 16 |
| MESAVERDE | 8 | 8028 | 8030 | 3 | 6 |

PROCEDURE:

1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
2. If the tubing is below the proposed CBP depth, TOO H with 2-3/8", 4.7#, J-55 (or N-80) tubing (currently landed at ~7404'). Visually inspect for scale and consider replacing if needed. If the tubing is above the proposed CBP depth, RIH with tubing and tag for fill before TOO H.
3. If tbg looks ok consider running a gauge ring to 5414 (50' below proposed CBP). Otherwise P/U a mill and C/O to 5414 (50' below proposed CBP).
4. Set 8000 psi CBP at ~ 5364'. Pressure test BOP and casing to 6000 psi.

5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

| Zone | From | To | spf | # of shots |
|---------|------|------|-----|------------|
| WASATCH | 5176 | 5180 | 4 | 16 |
| WASATCH | 5288 | 5294 | 4 | 24 |
6. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Spot 250 gals of 15% HCL and let soak 5-10 min. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~5176' and flush only with recycled water .
7. Set 8000 psi CBP at~5126'.
8. TIH with 3 7/8" mill, sliding sleeve, SN and tubing.
9. Mill plugs and clean out to 5234. Land tubing at $\pm 7404'$ and open sleeve unless indicated otherwise by the well's behavior. This well will be commingled at this time.
10. RDMO
11. Clean out well with foam and/or swabbing unit until steady flow has been established from recomplete, if necessary.

**For design questions, please call
 Sarah Schaftenaar, Denver, CO
 (303)-895-5883 (Cell)
 (720)-929-6605 (Office)**

**For field implementation questions, please call
 Jeff Samuels, Vernal, UT
 435-781-7046 (Office)**

NOTES:

Bonanza 1023-18F
Perforation and CBP Summary

| Stage | Zones | Perforations | | SPF | Holes | Fracture Coverage | | |
|---------------|------------------|--------------|------------|-----|-------|-------------------|-----------|--------|
| | | Top, ft | Bottom, ft | | | | | |
| 1 | WASATCH | 5176 | 5180 | 4 | 16 | 5170.5 | to | 5183.5 |
| | WASATCH | 5288 | 5294 | 4 | 24 | 5282.5 | to | 5297 |
| | WASATCH | | | | | | | |
| | WASATCH | | | | | | | |
| | WASATCH | | | | | | | |
| | WASATCH | | | | | | | |
| | # of Perfs/stage | | | | | 40 | CBP DEPTH | 5,126 |
| Totals | | | | | | | | |
| | | | | | 40 | | | |

| | |
|---|--|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-38421 |
|---|--|

| | |
|--|--|
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: |
|--|--|

| | |
|------------------------------------|---|
| 1. TYPE OF WELL Gas Well | 8. WELL NAME and NUMBER: BONANZA 1023-18F |
|------------------------------------|---|

| | |
|---|---|
| 2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P. | 9. API NUMBER: 43047382440000 |
|---|---|

| | | |
|---|--|--|
| 3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 | PHONE NUMBER: 720 929-6007 Ext | 9. FIELD and POOL or WILDCAT: NATURAL BUTTES |
|---|--|--|

| | |
|---|---|
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1969 FNL 2054 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 18 Township: 10.0S Range: 23.0E Meridian: S | COUNTY: Uintah STATE: Utah |
|---|---|

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|---|
| <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/14/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: |

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Accepted by the Utah Division of Oil, Gas and Mining

Date: June 15, 2010

By: *Dan Lytle*

| | | |
|--|-------------------------------------|------------------------------------|
| NAME (PLEASE PRINT) Andy Lytle | PHONE NUMBER 720 929-6100 | TITLE Regulatory Analyst |
| SIGNATURE N/A | DATE 6/9/2010 | |



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047382440000

Authorization: Board Cause No. 179-14

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

Date: June 15, 2010

By: *Dan K. [Signature]*

Greater Natural Buttes Unit



BONANZA 1023-18F RE-COMPLETIONS PROCEDURE

**DATE:6/9/10
AFE#:**

COMPLETIONS ENGINEER: Sarah Schaftenaar, Denver, CO
(303)-895-5883 (Cell)
(720)-929-6605 (Office)

SIGNATURE:

ENGINEERING MANAGER: JEFF DUFRESNE

SIGNATURE:

REMEMBER SAFETY FIRST!

Name: Bonanza 1023-18F
Location: SE NW Sec. 18 T10S R23E
Uintah County, UT
Date: 6/2/10

ELEVATIONS: 5336' GL 5354' KB

TOTAL DEPTH: 8105' **PBTD:** 8060'
SURFACE CASING: 9 5/8", 36# J-55 ST&C @ 2080'
PRODUCTION CASING: 4 1/2", 11.6#, I-80 LT&C @ 8105'
 Marker Joint **4032-4053'**

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|----------------------------------|----------------|-------------------|---------------------|------------|----------|
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| 4 1/2" 11.6# I-80 (See above) | 7780 | 6350 | 3.875" | 0.0155 | 0.6528 |
| 2 3/8" by 4 1/2" Annulus | | | | 0.0101 | 0.4227 |

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 1303' Bird's Nest Top
 1772' Mahogany Top
 4030' Wasatch Top
 6107' Mesaverde Top

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6107' Wasatch Bottom
 8105' Mesaverde Bottom (TD)

Estimated T.O.C. from CBL @ ~1500'

GENERAL:

- A minimum of **4** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
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- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
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- 30/50 mesh Ottawa sand, **Slickwater frac.**
- Maximum surface pressure **6200** psi.
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- Tubing Currently Landed @~7404
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|-----------|-------------|----------|----------|-----|-------|
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| MESAVERDE | 2 | 6728 | 6732 | 4 | 16 |
| MESAVERDE | 3 | 6870 | 6876 | 4 | 24 |
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| MESAVERDE | 17 | 7580 | 7584 | 4 | 16 |
| MESAVERDE | 4 | 7702 | 7706 | 3 | 12 |
| MESAVERDE | 5 | 7746 | 7752 | 4 | 24 |
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PROCEDURE:

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2. If the tubing is below the proposed CBP depth, TOO H with 2-3/8", 4.7#, J-55 (or N-80) tubing (currently landed at ~7404'). Visually inspect for scale and consider replacing if needed. If the tubing is above the proposed CBP depth, RIH with tubing and tag for fill before TOO H.
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4. Set 8000 psi CBP at ~ 5364'. Pressure test BOP and casing to 6000 psi.

5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

| Zone | From | To | spf | # of shots |
|---------|------|------|-----|------------|
| WASATCH | 5176 | 5180 | 4 | 16 |
| WASATCH | 5288 | 5294 | 4 | 24 |
6. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Spot 250 gals of 15% HCL and let soak 5-10 min. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~5176' and flush only with recycled water .
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11. Clean out well with foam and/or swabbing unit until steady flow has been established from recomplete, if necessary.

**For design questions, please call
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 (303)-895-5883 (Cell)
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**For field implementation questions, please call
 Jeff Samuels, Vernal, UT
 435-781-7046 (Office)**

NOTES:

Bonanza 1023-18F
Perforation and CBP Summary

| Stage | Zones | Perforations | | SPF | Holes | Fracture Coverage | | |
|-------|------------------|--------------|------------|-----|-------|-------------------|-------|--------|
| | | Top, ft | Bottom, ft | | | | | |
| 1 | WASATCH | 5176 | 5180 | 4 | 16 | 5170.5 | to | 5183.5 |
| | WASATCH | 5288 | 5294 | 4 | 24 | 5282.5 | to | 5297 |
| | WASATCH | | | | | | | |
| | WASATCH | | | | | | | |
| | WASATCH | | | | | | | |
| | WASATCH | | | | | | | |
| | WASATCH | | | | | | | |
| | # of Perfs/stage | | | | 40 | CBP DEPTH | 5,126 | |
| | Totals | | | | 40 | | | |

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

COPY

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU38421

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
 Other Recomp

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator **KERR-MCGEE OIL&GAS ONSHORE** Contact: **ANDY LYTLE**
 Email: **andrew.lytle@anadarko.com**

8. Lease Name and Well No.
BONANZA 1023-18F

3. Address **P.O. BOX 173779 DENVER, CO 80217** 3a. Phone No. (include area code)
 Ph: **720-929-6100**

9. API Well No.
43-047-38244

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **SENW 1969FNL 2054FWL**
 At top prod interval reported below **SENW 1969FNL 2054FWL**
 At total depth **SENW 1969FNL 2054FWL**

10. Field and Pool, or Exploratory
NATURAL BUTTES

11. Sec., T., R., M., or Block and Survey
or Area **Sec 18 T10S R23E Mer SLB**

12. County or Parish
UINTAH 13. State
UT

14. Date Spudded **01/19/2008** 15. Date T.D. Reached **03/14/2008** 16. Date Completed
 D & A Ready to Prod.
~~04/25/2008~~ **71510**

17. Elevations (DF, KB, RT, GL)*
5336 GL

18. Total Depth: MD **8115** TVD **MD 8060** 19. Plug Back T.D.: MD **8060** TVD **MD 8060** 20. Depth Bridge Plug Set: MD **8060** TVD **MD 8060**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL-CCL-GR/SD/DSN/ACTR 22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit analysis)
 Directional Survey? No Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|--------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 20.000 | 14.000 STEEL | 36.7 | | 40 | | 28 | | | |
| 12.250 | 9.625 IJ55 | 36.0 | | 2100 | | 780 | | | |
| 7.875 | 4.500 I80 | 11.6 | | 8115 | | 1431 | | | |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2.375 | 7399 | | | | | | | |

| 25. Producing Intervals | | | 26. Perforation Record | | | |
|-------------------------|------|--------|------------------------|-------|-----------|--------------|
| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
| A) WASATCH | 5176 | 5294 | 5176 TO 5294 | 0.360 | 40 | OPEN |
| B) <u>WSMVD</u> | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

| Depth Interval | Amount and Type of Material |
|----------------|--|
| 5176 TO 5294 | PUMP 1,605 BBLs SLICK H2O & 70,350 LBS 30/50 SAND. |

28. Production - Interval A

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 07/02/2010 | 07/04/2010 | 24 | → | 2.0 | 724.0 | 480.0 | | | FLOW FROM WELL |
| Choke Size | Tbg. Press. Flwg. | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| 20/64 | SI 550 | 850.0 | → | 2 | 724 | 480 | | PGW | |

28a. Production - Interval B

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | | | → | | | | | | |
| Choke Size | Tbg. Press. Flwg. | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| | SI | | → | | | | | | |

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #90622 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

RECEIVED

AUG 16 2010

28b. Production - Interval C

| | | | | | | | | | |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Date First Produced | Test Date | Hours Tested | Test Production → | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate → | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |

28c. Production - Interval D

| | | | | | | | | | |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Date First Produced | Test Date | Hours Tested | Test Production → | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate → | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

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.

31. Formation (Log) Markers

| Formation | Top | Bottom | Descriptions, Contents, etc. | Name | Top |
|-------------|------|--------|------------------------------|------|-------------|
| | | | | | Meas. Depth |
| GREEN RIVER | 996 | | | | |
| BIRD'S NEST | 1303 | | | | |
| MAHOGANY | 1772 | | | | |
| WASATCH | 4030 | 6107 | | | |
| MESAVERDE | 6107 | 8105 | | | |

32. Additional remarks (include plugging procedure):
ATTACHED IS THE CHRONOLOGICAL RECOMPLETION HISTORY.

33. Circle enclosed attachments:

- 1. Electrical/Mechanical Logs (1 full set req'd.)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 6. Core Analysis
- 7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #90622 Verified by the BLM Well Information System.
For KERR-MCGEE OIL&GAS ONSHORE, LP, sent to the Vernal**

Name (please print) ANDY LYTLE Title REGULATORY ANALYST

Signature (Electronic Submission) Date 07/30/2010

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

US ROCKIES REGION
Operation Summary Report

| | | | | | |
|--|--|---------------------------|--|----------------------|--|
| Well: BONANZA 1023-18F | | Spud Conductor: 1/19/2008 | | Spud Date: 1/21/2008 | |
| Project: UTAH-UINTAH | | Site: BONANZA 1023-18F | | Rig Name No: GWS 1/1 | |
| Event: RECOMPL/RESEREVEADD | | Start Date: 6/24/2010 | | End Date: 6/30/2010 | |
| Active Datum: RKB @5,354.01ft (above Mean Sea Level) UWI: 0/10/S/23/E/18/0/SENV/6/PM/N/1,969.00/W/0/2,054.00/O/0 | | | | | |

| Date | Time Start-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD From (ft) | Operation |
|-----------|----------------|---------------|-------|------|----------|-----|--------------|---|
| 6/24/2010 | 6:00 - 6:15 | 0.25 | COMP | 48 | | P | | JSA-SAFETY MEETING #1 |
| | 6:15 - 11:00 | 4.75 | COMP | 30 | A | P | | ROAD RIG FROM NBU 1021 13A TO LOC, MIRU, R/U SLICKLINE RIH TAG @ 7240', POOH W/ NO PLUNGER, KILL WELL W/ 30 BBLS WTR, N/D WH, N/U BOPS, R/U TBG EQUIP, |
| | 11:00 - 15:00 | 4.00 | COMP | 31 | I | P | | TOOH W/ 2 3/8" J-55 TBG, 232 JTS J-55 TBG, LAY DN LAST 3 JTS W/ SMALL AMOUNT BUILD UP INSIDE, NO PLUNGER OR SPRING, N/D BOPS, N/U FRAC VALVE, SHUT WELL IN SDFN |
| 6/25/2010 | 7:00 - 7:30 | 0.50 | COMP | 48 | | P | | HSM, PRESSURE TESTING |
| | 7:30 - 15:00 | 7.50 | COMP | 34 | I | P | | RU CUTTERS RIH W/ GAUGE RING TO 5,416', POOH, PU CBP & RIH & SET KILL PLUG @ 5,364'; FILL & PRESSURE TEST CSG TO 6,000 PSI. |
| | | | | | | | | PERFORATE ZONE 1. |
| | | | | | | | | PU 3 1/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING. |
| | | | | | | | | RIH & PERF ZONES 5,288' - 94' 4SPF 24 HOLES, 5,176' - 80' 4SPF 16 HOLES, TOTAL 40 HOLES. POOH W/ WIRE LINE. PREP TO FRAC TUESDAY MOURNING. |
| 6/28/2010 | 7:00 - 15:00 | 8.00 | COMP | 46 | F | Z | | SWI SDFWE. |
| | | | | | | | | WAITING ON FRAC CREW TO FINISH OTHER FRAC, RIG ON STANDBY. |
| 6/29/2010 | 7:00 - 7:30 | 0.50 | COMP | 48 | | P | | HSM, STAY AWAY FROM LINES WHILE FRACING |
| | 7:30 - 15:00 | 7.50 | COMP | 36 | B | P | | [STAGE 1] RU SUPERIOR PRIME UP PUMPING LINE & PRESS TEST SRFACE LINES TO 7,200 PSI. FRAC WASATCH PERFS 5,288' - 94', 5,176' - 80'. |
| | | | | | | | | WHP= 550 PSI, BRK @ 1,80 PSI @ 3.2 BPM, ISIP 1,080 PSI, FG .64. |
| | | | | | | | | PUMP 100 BBLS @ 46 BPM 3,378 PSI, = 63% PERFS OPEN 25/40. |
| | | | | | | | | MP 4,006 PSI MR 47.7 BPM, AP 2,926 PSI, AR 44.6 BPM, ISIP 1,921 PSI, FG .80. |
| | | | | | | | | NPI 841 PSI, PMPD 1,605 BBLS SW & 65,350 LBS OF 30/50 SND & 5,000 LBS OF RESIN SAND. |
| | | | | | | | | TOTAL PROP 70,350 LBS. |
| | | | | | | | | TOTAL FOR JOB WATER 1,606 BBLS // SAND 70,350#. |
| 6/30/2010 | 6:30 - 6:45 | 0.25 | COMP | 48 | | P | | DID NOT SET KILL PLUG TURNED WELL OVER TO FBC TO WATCH TILL MOURNING. (FBT #12 RNI) HSM, NIPPLING UP |

US ROCKIES REGION
Operation Summary Report

| | | |
|--|---------------------------|----------------------|
| Well: BONANZA 1023-18F | Spud Conductor: 1/19/2008 | Spud Date: 1/21/2008 |
| Project: UTAH-UINTAH | Site: BONANZA 1023-18F | Rig Name No: GWS 1/1 |
| Event: RECOMPL/RESEREVEADD | Start Date: 6/24/2010 | End Date: 6/30/2010 |
| Active Datum: RKB @5,354.01ft (above Mean Sea Leve | | |
| UWI: 0/10/S/23/E/18/0/SENVW/6/PM/N/1,969.00/W/0/2,054.00/0/0 | | |

| Date | Time Start-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD From (ft) | Operation |
|----------|----------------|---------------|-------|------|----------|-----|--------------|--|
| | 6:45 - 17:30 | 10.75 | COMP | 31 | I | P | | <p>TOOK WELL OVER FROM FBC, FCP 100 PSI W/ OPEN CHOKE FLOWED BACK 400 BBLS, KILL WELL W/ 35 BBLS, ND FRAC VALVE, NU BOP, RU FLOOR, MU POBS & TIH TAGGED @ 5,239' IN BETWEEN PERFS TOP PERF @ 5,176'-80' BTM PERF @ 5,288'-94', RU CUDD N2 UNIT, CLEAN OUT SAND FROM 5,239' - 5,364' CIRC FOR 20 MINUTES TO CLEAN HOLE, DRILL PLUG @ 5,364', KICK 200 PSI, TIH TAGGED @ 8,010', RU SWIVEL & N2 UNIT C/O FROM 8,010' - 8,051' BTM PERF @ 8,030' W/ 256 JTS 2 3/8" TBG CIRC FOR 15 MINUTES KILL TBG & RD POWER SWIVEL & LD 21 JTS ON TRAILER, LAND TBG @ 7,399.01' W/ 235 JTS, RD FLOOR, ND BOPS, DROP BALL, NU WH, PUMP OF BIT W/ 2500 PSI. RDMO. STARTED TO ROAD RIG TO ST 1021-32J FOR RU IN AM.</p> <p>KB= 18' HANGER= .83 235 JTS 2 3/8"= 7,377.98' POBS= 2.20' EOT @ 7,399.01' // SN @ 7,396.81'</p> <p>FRAC WTR= 1,605 BBLS RIG= 400 BBLS TLTR= 2,005 BBLS FBC & RIG REC= 800 BBLS LLTR= 1,205 BBLS</p> <p>TURN WELL OVER TO FBC, SICP 950 PSI FTP 0 PSI</p> |
| 7/1/2010 | 7:00 - | | | 33 | A | | | <p>7 AM FLBK REPORT: CP 900#, TP 600#, 20/64" CK, 32 BWPH, hvy SAND, - GAS TTL BBLS RECOVERED: 1330 BBLS LEFT TO RECOVER: 675</p> |
| 7/2/2010 | 7:00 - | | | 33 | A | | | <p>7 AM FLBK REPORT: CP 850#, TP 550#, 20/64" CK, 20 BWPH, HEAVY SAND, - GAS TTL BBLS RECOVERED: 1930 BBLS LEFT TO RECOVER: 175</p> |
| 7/3/2010 | 7:00 - | | | 33 | A | | | <p>7 AM FLBK REPORT: CP 750#, TP 450#, 20/64" CK, 12 BWPH, MED SAND, - GAS TTL BBLS RECOVERED: 2281 BBLS LEFT TO RECOVER: -276</p> |
| 7/4/2010 | 7:00 - | | | 33 | A | | | <p>7 AM FLBK REPORT: CP 750#, TP 400#, 20/64" CK, 8 BWPH, MED SAND, 708 GAS TTL BBLS RECOVERED: 2491 BBLS LEFT TO RECOVER: -486</p> |
| 7/5/2010 | 7:00 - | | | 33 | A | | | <p>7 AM FLBK REPORT: CP 700#, TP 400#, 20/64" CK, 6 BWPH, LIGHT SAND, 649 GAS TTL BBLS RECOVERED: 2653 BBLS LEFT TO RECOVER: -648</p> |

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

FORM 6

ENTITY ACTION FORM

Operator: KERR MCGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995
 Address: P.O. Box 173779
city DENVER
state CO zip 80217 Phone Number: (720) 929-6029

Well 1

| API Number | Well Name | | QQ | Sec | Twp | Rng | County |
|--|-----------------------|-------------------|-----------|-----|-----|----------------------------------|-----------|
| See Atchmt | See Atchmt | | | | | | |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | | Entity Assignment Effective Date | |
| | 99999 | 18519 | | | | 5/11/2012 | |
| Comments: Please see attachment with list of Wells in the Ponderosa Unit. <u>W5MVD</u> | | | | | | | 5/30/2012 |

Well 2

| API Number | Well Name | | QQ | Sec | Twp | Rng | County |
|------------------|-----------------------|-------------------|-----------|-----|-----|----------------------------------|--------|
| | | | | | | | |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | | Entity Assignment Effective Date | |
| | | | | | | | |
| Comments: | | | | | | | |

Well 3

| API Number | Well Name | | QQ | Sec | Twp | Rng | County |
|------------------|-----------------------|-------------------|-----------|-----|-----|----------------------------------|--------|
| | | | | | | | |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | | Entity Assignment Effective Date | |
| | | | | | | | |
| Comments: | | | | | | | |

ACTION CODES:

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

RECEIVED

MAY 21 2012

Cara Mahler

Name (Please Print)

Signature

REGULATORY ANALYST

5/21/2012

Title

Date

| well_name | sec | twp | rng | api | entity | lease | well | stat | qtr_qtr | bhl | surf | zone | a_stat | l_num | op_no |
|-------------------------------|-----|------|------|------------|--------|-------|------|------|---------|-----|------|-------|--------|-----------|-------|
| SOUTHMAN CANYON 31-3 | 31 | 090S | 230E | 4304734726 | 13717 | 1 | GW | P | SENW | | 1 | WSMVD | P | U-33433 | N2995 |
| SOUTHMAN CANYON 31-4 | 31 | 090S | 230E | 4304734727 | 13742 | 1 | GW | S | SESW | | 1 | WSMVD | S | UTU-33433 | N2995 |
| SOUTHMAN CYN 31-2X (RIG SKID) | 31 | 090S | 230E | 4304734898 | 13755 | 1 | GW | P | NWNW | | 1 | WSMVD | P | U-33433 | N2995 |
| SOUTHMAN CYN 923-31J | 31 | 090S | 230E | 4304735149 | 13994 | 1 | GW | P | NWSE | | 1 | MVRD | P | U-33433 | N2995 |
| SOUTHMAN CYN 923-31B | 31 | 090S | 230E | 4304735150 | 13953 | 1 | GW | P | NWNE | | 1 | MVRD | P | U-33433 | N2995 |
| SOUTHMAN CYN 923-31P | 31 | 090S | 230E | 4304735288 | 14037 | 1 | GW | P | SESE | | 1 | WSMVD | P | UTU-33433 | N2995 |
| SOUTHMAN CYN 923-31H | 31 | 090S | 230E | 4304735336 | 14157 | 1 | GW | P | SENE | | 1 | WSMVD | P | U-33433 | N2995 |
| SOUTHMAN CYN 923-31O | 31 | 090S | 230E | 4304737205 | 16827 | 1 | GW | P | SWSE | | 1 | MVRD | P | UTU-33433 | N2995 |
| SOUTHMAN CYN 923-31K | 31 | 090S | 230E | 4304737206 | 16503 | 1 | GW | P | NESW | | 1 | WSMVD | P | UTU-33433 | N2995 |
| SOUTHMAN CYN 923-31G | 31 | 090S | 230E | 4304737208 | 16313 | 1 | GW | P | SWNE | | 1 | WSMVD | P | UTU-33433 | N2995 |
| SOUTHMAN CYN 923-31E | 31 | 090S | 230E | 4304737209 | 16521 | 1 | GW | P | SWNW | | 1 | WSMVD | P | UTU-33433 | N2995 |
| SOUTHMAN CYN 923-31A | 31 | 090S | 230E | 4304737210 | 16472 | 1 | GW | P | NENE | | 1 | WSMVD | P | UTU-33433 | N2995 |
| SOUTHMAN CYN 923-31C | 31 | 090S | 230E | 4304737227 | 16522 | 1 | GW | P | NENW | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-1G | 01 | 100S | 230E | 4304735512 | 14458 | 1 | GW | P | SWNE | | 1 | WSMVD | P | U-40736 | N2995 |
| BONANZA 1023-1A | 01 | 100S | 230E | 4304735717 | 14526 | 1 | GW | P | NENE | | 1 | WSMVD | P | U-40736 | N2995 |
| BONANZA 1023-1E | 01 | 100S | 230E | 4304735745 | 14524 | 1 | GW | P | SWNW | | 1 | WSMVD | P | U-40736 | N2995 |
| BONANZA 1023-1C | 01 | 100S | 230E | 4304735754 | 14684 | 1 | GW | P | NENW | | 1 | MVRD | P | U-40736 | N2995 |
| BONANZA 1023-1K | 01 | 100S | 230E | 4304735755 | 15403 | 1 | GW | P | NESW | | 1 | MVRD | P | U-38423 | N2995 |
| BONANZA 1023-1F | 01 | 100S | 230E | 4304737379 | 16872 | 1 | GW | P | SENW | | 1 | MVRD | P | UTU-40736 | N2995 |
| BONANZA 1023-1B | 01 | 100S | 230E | 4304737380 | 16733 | 1 | GW | P | NWNE | | 1 | MVRD | P | UTU-40736 | N2995 |
| BONANZA 1023-1D | 01 | 100S | 230E | 4304737381 | 16873 | 1 | GW | P | NWNW | | 1 | MVRD | P | UTU-40736 | N2995 |
| BONANZA 1023-1H | 01 | 100S | 230E | 4304737430 | 16901 | 1 | GW | P | SENE | | 1 | MVRD | P | UTU-40736 | N2995 |
| BONANZA 1023-1L | 01 | 100S | 230E | 4304738300 | 16735 | 1 | GW | P | NWSW | | 1 | MVRD | P | UTU-38423 | N2995 |
| BONANZA 1023-1J | 01 | 100S | 230E | 4304738302 | 16871 | 1 | GW | P | NWSE | | 1 | MVRD | P | UTU-40736 | N2995 |
| BONANZA 1023-1I | 01 | 100S | 230E | 4304738810 | 16750 | 1 | GW | P | NESE | | 1 | MVRD | P | UTU-40736 | N2995 |
| BONANZA 1023-2E | 02 | 100S | 230E | 4304735345 | 14085 | 3 | GW | P | SWNW | | 3 | WSMVD | P | ML-47062 | N2995 |
| BONANZA 1023-2C | 02 | 100S | 230E | 4304735346 | 14084 | 3 | GW | P | NENW | | 3 | WSMVD | P | ML-47062 | N2995 |
| BONANZA 1023-2A | 02 | 100S | 230E | 4304735347 | 14068 | 3 | GW | P | NENE | | 3 | MVRD | P | ML-47062 | N2995 |
| BONANZA 1023-2G | 02 | 100S | 230E | 4304735661 | 14291 | 3 | GW | P | SWNE | | 3 | WSMVD | P | ML-47062 | N2995 |
| BONANZA 1023-2O | 02 | 100S | 230E | 4304735662 | 14289 | 3 | GW | P | SWSE | | 3 | WSMVD | P | ML-47062 | N2995 |
| BONANZA 1023-2I | 02 | 100S | 230E | 4304735663 | 14290 | 3 | GW | S | NESE | | 3 | WSMVD | S | ML-47062 | N2995 |
| BONANZA 1023-2MX | 02 | 100S | 230E | 4304736092 | 14730 | 3 | GW | P | SWSW | | 3 | WSMVD | P | ML-47062 | N2995 |
| BONANZA 1023-2H | 02 | 100S | 230E | 4304737093 | 16004 | 3 | GW | P | SENE | | 3 | WSMVD | P | ML-47062 | N2995 |
| BONANZA 1023-2D | 02 | 100S | 230E | 4304737094 | 15460 | 3 | GW | P | NWNW | | 3 | WSMVD | P | ML-47062 | N2995 |
| BONANZA 1023-2B | 02 | 100S | 230E | 4304737095 | 15783 | 3 | GW | P | NWNE | | 3 | MVRD | P | ML-47062 | N2995 |
| BONANZA 1023-2P | 02 | 100S | 230E | 4304737223 | 15970 | 3 | GW | P | SESE | | 3 | WSMVD | P | ML-47062 | N2995 |
| BONANZA 1023-2N | 02 | 100S | 230E | 4304737224 | 15887 | 3 | GW | P | SESW | | 3 | MVRD | P | ML-47062 | N2995 |
| BONANZA 1023-2L | 02 | 100S | 230E | 4304737225 | 15833 | 3 | GW | P | NWSW | | 3 | WSMVD | P | ML-47062 | N2995 |
| BONANZA 1023-2F | 02 | 100S | 230E | 4304737226 | 15386 | 3 | GW | P | SENW | | 3 | WSMVD | P | ML-47062 | N2995 |
| BONANZA 1023-2D-4 | 02 | 100S | 230E | 4304738761 | 16033 | 3 | GW | P | NWNW | | 3 | WSMVD | P | ML-47062 | N2995 |
| BONANZA 1023-2O-1 | 02 | 100S | 230E | 4304738762 | 16013 | 3 | GW | P | SWSE | | 3 | WSMVD | P | ML-47062 | N2995 |
| BONANZA 1023-2H3CS | 02 | 100S | 230E | 4304750344 | 17426 | 3 | GW | P | NWNE | D | 3 | MVRD | P | ML 47062 | N2995 |
| BONANZA 1023-2G3BS | 02 | 100S | 230E | 4304750345 | 17428 | 3 | GW | P | NWNE | D | 3 | MVRD | P | ML 47062 | N2995 |
| BONANZA 1023-2G2CS | 02 | 100S | 230E | 4304750346 | 17429 | 3 | GW | P | NWNE | D | 3 | MVRD | P | ML 47062 | N2995 |
| BONANZA 1023-2G1BS | 02 | 100S | 230E | 4304750347 | 17427 | 3 | GW | P | NWNE | D | 3 | MVRD | P | ML 47062 | N2995 |

| | | | | | | | | | | | | | | | |
|----------------------------|----|------|------|------------|-------|---|----|-----|------|---|---|-------|-----|-----------|-------|
| BONANZA 1023-2M1S | 02 | 100S | 230E | 4304750379 | 17443 | 3 | GW | P | SENW | D | 3 | MVRD | P | ML 47062 | N2995 |
| BONANZA 1023-2L2S | 02 | 100S | 230E | 4304750380 | 17444 | 3 | GW | P | SENW | D | 3 | MVRD | P | ML 47062 | N2995 |
| BONANZA 1023-2K4S | 02 | 100S | 230E | 4304750381 | 17446 | 3 | GW | P | SENW | D | 3 | MVRD | P | ML 47062 | N2995 |
| BONANZA 1023-2K1S | 02 | 100S | 230E | 4304750382 | 17445 | 3 | GW | P | SENW | D | 3 | WSMVD | P | ML 47062 | N2995 |
| BONANZA 4-6 * | 04 | 100S | 230E | 4304734751 | 13841 | 1 | GW | P | NESW | | 1 | MNCS | P | UTU-33433 | N2995 |
| BONANZA 1023-4A | 04 | 100S | 230E | 4304735360 | 14261 | 1 | GW | P | NENE | | 1 | WSMVD | P | U-33433 | N2995 |
| BONANZA 1023-4E | 04 | 100S | 230E | 4304735392 | 14155 | 1 | GW | P | SWNW | | 1 | WSMVD | P | U-33433 | N2995 |
| BONANZA 1023-4C | 04 | 100S | 230E | 4304735437 | 14252 | 1 | GW | P | NENW | | 1 | WSMVD | P | U-33433 | N2995 |
| BONANZA 1023-4M | 04 | 100S | 230E | 4304735629 | 14930 | 1 | GW | P | SWSW | | 1 | WSMVD | P | U-33433 | N2995 |
| BONANZA 1023-4O | 04 | 100S | 230E | 4304735688 | 15111 | 1 | GW | P | SWSE | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-4I | 04 | 100S | 230E | 4304735689 | 14446 | 1 | GW | P | NESE | | 1 | MVRD | P | UTU-33433 | N2995 |
| BONANZA 1023-4G | 04 | 100S | 230E | 4304735746 | 14445 | 1 | GW | P | SWNE | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-4D | 04 | 100S | 230E | 4304737315 | 16352 | 1 | GW | P | NWNW | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-4H | 04 | 100S | 230E | 4304737317 | 16318 | 1 | GW | P | SENE | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-4B | 04 | 100S | 230E | 4304737328 | 16351 | 1 | GW | P | NWNE | | 1 | MVRD | P | UTU-33433 | N2995 |
| BONANZA 1023-4L | 04 | 100S | 230E | 4304738211 | 16393 | 1 | GW | P | NWSW | | 1 | MVRD | P | UTU-33433 | N2995 |
| BONANZA 1023-4P | 04 | 100S | 230E | 4304738212 | 16442 | 1 | GW | P | SESE | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-4N | 04 | 100S | 230E | 4304738303 | 16395 | 1 | GW | P | SESW | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-4FX (RIGSKID) | 04 | 100S | 230E | 4304739918 | 16356 | 1 | GW | P | SENW | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-5O | 05 | 100S | 230E | 4304735438 | 14297 | 1 | GW | P | SWSE | | 1 | WSMVD | P | U-33433 | N2995 |
| BONANZA 1023-5AX (RIGSKID) | 05 | 100S | 230E | 4304735809 | 14243 | 1 | GW | P | NENE | | 1 | WSMVD | P | U-33433 | N2995 |
| BONANZA 1023-5C | 05 | 100S | 230E | 4304736176 | 14729 | 1 | GW | P | NENW | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-5G | 05 | 100S | 230E | 4304736177 | 14700 | 1 | GW | P | SWNE | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-5M | 05 | 100S | 230E | 4304736178 | 14699 | 1 | GW | P | SWSW | | 1 | WSMVD | P | UTU-73450 | N2995 |
| BONANZA 1023-5K | 05 | 100S | 230E | 4304736741 | 15922 | 1 | GW | P | NESW | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-5B | 05 | 100S | 230E | 4304737318 | 16904 | 1 | GW | P | NWNE | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-5E | 05 | 100S | 230E | 4304737319 | 16824 | 1 | GW | P | SWNW | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-5H | 05 | 100S | 230E | 4304737320 | 16793 | 1 | GW | P | SENE | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-5N | 05 | 100S | 230E | 4304737321 | 16732 | 1 | GW | P | SESW | | 1 | WSMVD | P | UTU-73450 | N2995 |
| BONANZA 1023-5L | 05 | 100S | 230E | 4304737322 | 16825 | 1 | GW | P | NWSW | | 1 | MVRD | P | UTU-33433 | N2995 |
| BONANZA 1023-5J | 05 | 100S | 230E | 4304737428 | 17055 | 1 | GW | P | NWSE | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-5P | 05 | 100S | 230E | 4304738213 | 16795 | 1 | GW | P | SESE | | 1 | MVRD | P | UTU-33433 | N2995 |
| BONANZA 1023-5N-1 | 05 | 100S | 230E | 4304738911 | 17060 | 1 | GW | P | SESW | | 1 | WSMVD | P | UTU-73450 | N2995 |
| BONANZA 1023-5PS | 05 | 100S | 230E | 4304750169 | 17323 | 1 | GW | P | NESE | D | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-5G2AS | 05 | 100S | 230E | 4304750486 | 17459 | 1 | GW | P | SWNE | D | 1 | MVRD | P | UTU 33433 | N2995 |
| BONANZA 1023-5G2CS | 05 | 100S | 230E | 4304750487 | 17462 | 1 | GW | P | SWNE | D | 1 | MVRD | P | UTU 33433 | N2995 |
| BONANZA 1023-5G3BS | 05 | 100S | 230E | 4304750488 | 17461 | 1 | GW | P | SWNE | D | 1 | MVRD | P | UTU 33433 | N2995 |
| BONANZA 1023-5G3CS | 05 | 100S | 230E | 4304750489 | 17460 | 1 | GW | P | SWNE | D | 1 | MVRD | P | UTU 33433 | N2995 |
| BONANZA 1023-5N4AS | 05 | 100S | 230E | 4304752080 | 18484 | 1 | GW | DRL | SWSW | D | 1 | WSMVD | DRL | UTU73450 | N2995 |
| BONANZA 1023-8C2DS | 05 | 100S | 230E | 4304752081 | 18507 | 1 | GW | DRL | SWSW | D | 1 | WSMVD | DRL | UTU37355 | N2995 |
| BONANZA 6-2 | 06 | 100S | 230E | 4304734843 | 13796 | 1 | GW | TA | NESW | | 1 | WSMVD | TA | UTU-38419 | N2995 |
| BONANZA 1023-6C | 06 | 100S | 230E | 4304735153 | 13951 | 1 | GW | P | NENW | | 1 | MVRD | P | U-38419 | N2995 |
| BONANZA 1023-6E | 06 | 100S | 230E | 4304735358 | 14170 | 1 | GW | P | SWNW | | 1 | MVRD | P | U-38419 | N2995 |
| BONANZA 1023-6M | 06 | 100S | 230E | 4304735359 | 14233 | 1 | GW | P | SWSW | | 1 | WSMVD | P | U-38419 | N2995 |
| BONANZA 1023-6G | 06 | 100S | 230E | 4304735439 | 14221 | 1 | GW | P | SWNE | | 1 | WSMVD | P | UTU-38419 | N2995 |
| BONANZA 1023-6O | 06 | 100S | 230E | 4304735630 | 14425 | 1 | GW | TA | SWSE | | 1 | WSMVD | TA | U-38419 | N2995 |

* not moved in unit

| | | | | | | | | | | | | | | | | | |
|----------------------------|----|------|------|------------|-------|--|--|---|----|----|------|---|---|-------|----|-----------|-------|
| BONANZA 1023-6A | 06 | 100S | 230E | 4304736067 | 14775 | | | 1 | GW | P | NENE | | 1 | WSMVD | P | U-33433 | N2995 |
| BONANZA 1023-6N | 06 | 100S | 230E | 4304737211 | 15672 | | | 1 | GW | P | SESW | | 1 | WSMVD | P | UTU-38419 | N2995 |
| BONANZA 1023-6L | 06 | 100S | 230E | 4304737212 | 15673 | | | 1 | GW | P | NWSW | | 1 | WSMVD | P | UTU-38419 | N2995 |
| BONANZA 1023-6J | 06 | 100S | 230E | 4304737213 | 15620 | | | 1 | GW | P | NWSE | | 1 | WSMVD | P | UTU-38419 | N2995 |
| BONANZA 1023-6F | 06 | 100S | 230E | 4304737214 | 15576 | | | 1 | GW | TA | SENW | | 1 | WSMVD | TA | UTU-38419 | N2995 |
| BONANZA 1023-6P | 06 | 100S | 230E | 4304737323 | 16794 | | | 1 | GW | P | SESE | | 1 | WSMVD | P | UTU-38419 | N2995 |
| BONANZA 1023-6H | 06 | 100S | 230E | 4304737324 | 16798 | | | 1 | GW | S | SENE | | 1 | WSMVD | S | UTU-33433 | N2995 |
| BONANZA 1023-6D | 06 | 100S | 230E | 4304737429 | 17020 | | | 1 | GW | P | NWNW | | 1 | WSMVD | P | UTU-38419 | N2995 |
| BONANZA 1023-6B | 06 | 100S | 230E | 4304740398 | 18291 | | | 1 | GW | P | NWNE | | 1 | WSMVD | P | UTU-33433 | N2995 |
| BONANZA 1023-6M1BS | 06 | 100S | 230E | 4304750452 | 17578 | | | 1 | GW | P | NWSW | D | 1 | WSMVD | P | UTU 38419 | N2995 |
| BONANZA 1023-6N1AS | 06 | 100S | 230E | 4304750453 | 17581 | | | 1 | GW | P | NWSW | D | 1 | WSMVD | P | UTU 38419 | N2995 |
| BONANZA 1023-6N1CS | 06 | 100S | 230E | 4304750454 | 17580 | | | 1 | GW | P | NWSW | D | 1 | WSMVD | P | UTU 38419 | N2995 |
| BONANZA 1023-6N4BS | 06 | 100S | 230E | 4304750455 | 17579 | | | 1 | GW | P | NWSW | D | 1 | WSMVD | P | UTU 38419 | N2995 |
| BONANZA 1023-6I2S | 06 | 100S | 230E | 4304750457 | 17790 | | | 1 | GW | P | NESE | D | 1 | WSMVD | P | UTU 38419 | N2995 |
| BONANZA 1023-6I4S | 06 | 100S | 230E | 4304750458 | 17792 | | | 1 | GW | P | NESE | D | 1 | WSMVD | P | UTU 38419 | N2995 |
| BONANZA 1023-6J3S | 06 | 100S | 230E | 4304750459 | 17791 | | | 1 | GW | P | NESE | D | 1 | WSMVD | P | UTU 38419 | N2995 |
| BONANZA 1023-6P1S | 06 | 100S | 230E | 4304750460 | 17793 | | | 1 | GW | P | NESE | D | 1 | WSMVD | P | UTU 38419 | N2995 |
| BONANZA 1023-6A2CS | 06 | 100S | 230E | 4304751430 | 18292 | | | 1 | GW | P | NWNE | D | 1 | WSMVD | P | UTU33433 | N2995 |
| BONANZA 1023-6B4BS | 06 | 100S | 230E | 4304751431 | 18293 | | | 1 | GW | P | NWNE | D | 1 | WSMVD | P | UTU33433 | N2995 |
| BONANZA 1023-6B4CS | 06 | 100S | 230E | 4304751432 | 18294 | | | 1 | GW | P | NWNE | D | 1 | WSMVD | P | UTU33433 | N2995 |
| BONANZA 1023-6C4BS | 06 | 100S | 230E | 4304751449 | 18318 | | | 1 | GW | P | NENW | D | 1 | WSMVD | P | UTU38419 | N2995 |
| BONANZA 1023-6D1DS | 06 | 100S | 230E | 4304751451 | 18316 | | | 1 | GW | P | NENW | D | 1 | WSMVD | P | UTU38419 | N2995 |
| FLAT MESA FEDERAL 2-7 | 07 | 100S | 230E | 4304730545 | 18244 | | | 1 | GW | S | NENW | | 1 | WSMVD | S | U-38420 | N2995 |
| BONANZA 1023-7B | 07 | 100S | 230E | 4304735172 | 13943 | | | 1 | GW | P | NWNE | | 1 | MVRD | P | U-38420 | N2995 |
| BONANZA 1023-7L | 07 | 100S | 230E | 4304735289 | 14054 | | | 1 | GW | P | NWSW | | 1 | WSMVD | P | U-38420 | N2995 |
| BONANZA 1023-7D | 07 | 100S | 230E | 4304735393 | 14171 | | | 1 | GW | P | NWNW | | 1 | WSMVD | P | U-38420 | N2995 |
| BONANZA 1023-7P | 07 | 100S | 230E | 4304735510 | 14296 | | | 1 | GW | P | SESE | | 1 | WSMVD | P | U-38420 | N2995 |
| BONANZA 1023-7H | 07 | 100S | 230E | 4304736742 | 15921 | | | 1 | GW | P | SENE | | 1 | WSMVD | P | UTU-38420 | N2995 |
| BONANZA 1023-7NX (RIGSKID) | 07 | 100S | 230E | 4304736932 | 15923 | | | 1 | GW | P | SESW | | 1 | WSMVD | P | UTU-38420 | N2995 |
| BONANZA 1023-7M | 07 | 100S | 230E | 4304737215 | 16715 | | | 1 | GW | P | SWSW | | 1 | WSMVD | P | UTU-38420 | N2995 |
| BONANZA 1023-7K | 07 | 100S | 230E | 4304737216 | 16714 | | | 1 | GW | P | NESW | | 1 | WSMVD | P | UTU-38420 | N2995 |
| BONANZA 1023-7E | 07 | 100S | 230E | 4304737217 | 16870 | | | 1 | GW | P | SWNW | | 1 | WSMVD | P | UTU-38420 | N2995 |
| BONANZA 1023-7G | 07 | 100S | 230E | 4304737326 | 16765 | | | 1 | GW | P | SWNE | | 1 | WSMVD | P | UTU-38420 | N2995 |
| BONANZA 1023-7A | 07 | 100S | 230E | 4304737327 | 16796 | | | 1 | GW | P | NENE | | 1 | WSMVD | P | UTU-38420 | N2995 |
| BONANZA 1023-7O | 07 | 100S | 230E | 4304738304 | 16713 | | | 1 | GW | P | SWSE | | 1 | MVRD | P | UTU-38420 | N2995 |
| BONANZA 1023-7B-3 | 07 | 100S | 230E | 4304738912 | 17016 | | | 1 | GW | P | NWNE | | 1 | WSMVD | P | UTU-38420 | N2995 |
| BONANZA 1023-07JT | 07 | 100S | 230E | 4304739390 | 16869 | | | 1 | GW | P | NWSE | | 1 | WSMVD | P | UTU-38420 | N2995 |
| BONANZA 1023-7J2AS | 07 | 100S | 230E | 4304750474 | 17494 | | | 1 | GW | P | NWSE | D | 1 | WSMVD | P | UTU 38420 | N2995 |
| BONANZA 1023-7J2DS | 07 | 100S | 230E | 4304750475 | 17495 | | | 1 | GW | P | NWSE | D | 1 | WSMVD | P | UTU 38420 | N2995 |
| BONANZA 1023-7L3DS | 07 | 100S | 230E | 4304750476 | 17939 | | | 1 | GW | P | NWSW | D | 1 | WSMVD | P | UTU 38420 | N2995 |
| BONANZA 1023-7M2AS | 07 | 100S | 230E | 4304750477 | 17942 | | | 1 | GW | P | NWSW | D | 1 | WSMVD | P | UTU 38420 | N2995 |
| BONANZA 1023-7N2AS | 07 | 100S | 230E | 4304750478 | 17940 | | | 1 | GW | P | NWSW | D | 1 | WSMVD | P | UTU 38420 | N2995 |
| BONANZA 1023-7N2DS | 07 | 100S | 230E | 4304750479 | 17941 | | | 1 | GW | P | NWSW | D | 1 | WSMVD | P | UTU 38420 | N2995 |
| BONANZA 1023-7O4S | 07 | 100S | 230E | 4304750480 | 17918 | | | 1 | GW | P | SESE | D | 1 | WSMVD | P | UTU 38420 | N2995 |
| BONANZA 1023-7P2S | 07 | 100S | 230E | 4304750482 | 17919 | | | 1 | GW | P | SESE | D | 1 | WSMVD | P | UTU 38420 | N2995 |
| BONANZA 8-2 | 08 | 100S | 230E | 4304734087 | 13851 | | | 1 | GW | P | SESE | | 1 | MVRD | P | U-37355 | N2995 |

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|--------------------|----|------|------|------------|-------|--|--|---|----|---|------|---|--|---|-------|---|-----------|-------|
| BONANZA 8-3 | 08 | 100S | 230E | 4304734770 | 13843 | | | 1 | GW | P | NWNW | | | 1 | MVRD | P | U-37355 | N2995 |
| BONANZA 1023-8A | 08 | 100S | 230E | 4304735718 | 14932 | | | 1 | GW | P | NENE | | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-8L | 08 | 100S | 230E | 4304735719 | 14876 | | | 1 | GW | P | NWSW | | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-8N | 08 | 100S | 230E | 4304735720 | 15104 | | | 1 | GW | P | SESW | | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-8F | 08 | 100S | 230E | 4304735989 | 14877 | | | 1 | GW | S | SESW | | | 1 | WSMVD | S | UTU-37355 | N2995 |
| BONANZA 1023-8I | 08 | 100S | 230E | 4304738215 | 16358 | | | 1 | GW | P | NESE | | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-8K | 08 | 100S | 230E | 4304738216 | 16354 | | | 1 | GW | P | NESW | | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-8M | 08 | 100S | 230E | 4304738217 | 16564 | | | 1 | GW | P | SWSW | | | 1 | MVRD | P | UTU-37355 | N2995 |
| BONANZA 1023-8G | 08 | 100S | 230E | 4304738218 | 16903 | | | 1 | GW | P | SWNE | | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-8E | 08 | 100S | 230E | 4304738219 | 16397 | | | 1 | GW | P | SWNW | | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-8C | 08 | 100S | 230E | 4304738220 | 16355 | | | 1 | GW | P | NENW | | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-8B | 08 | 100S | 230E | 4304738221 | 16292 | | | 1 | GW | P | NWNE | | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-8H | 08 | 100S | 230E | 4304738222 | 16353 | | | 1 | GW | P | SENE | | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-8O | 08 | 100S | 230E | 4304738305 | 16392 | | | 1 | GW | P | SWSE | | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-8B-4 | 08 | 100S | 230E | 4304738914 | 17019 | | | 1 | GW | P | NWNE | | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-8A1DS | 08 | 100S | 230E | 4304750481 | 17518 | | | 1 | GW | P | NENE | D | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8A4BS | 08 | 100S | 230E | 4304750483 | 17519 | | | 1 | GW | P | NENE | D | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8B1AS | 08 | 100S | 230E | 4304750484 | 17520 | | | 1 | GW | P | NENE | D | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8B2AS | 08 | 100S | 230E | 4304750485 | 17521 | | | 1 | GW | P | NENE | D | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8O2S | 08 | 100S | 230E | 4304750495 | 17511 | | | 1 | GW | P | NWSE | D | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8J1S | 08 | 100S | 230E | 4304750496 | 17509 | | | 1 | GW | P | NWSE | D | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8O3S | 08 | 100S | 230E | 4304750497 | 17512 | | | 1 | GW | P | NWSE | D | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8J3 | 08 | 100S | 230E | 4304750498 | 17510 | | | 1 | GW | P | NWSE | | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8C4CS | 08 | 100S | 230E | 4304750499 | 17544 | | | 1 | GW | P | NENW | D | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8D2DS | 08 | 100S | 230E | 4304750500 | 17546 | | | 1 | GW | P | NENW | D | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8D3DS | 08 | 100S | 230E | 4304750501 | 17545 | | | 1 | GW | P | NENW | D | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8F3DS | 08 | 100S | 230E | 4304750502 | 17543 | | | 1 | GW | P | NENW | D | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8A4CS | 08 | 100S | 230E | 4304751131 | 18169 | | | 1 | GW | P | NWNE | D | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8B3BS | 08 | 100S | 230E | 4304751132 | 18167 | | | 1 | GW | P | NWNE | D | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8C1AS | 08 | 100S | 230E | 4304751133 | 18166 | | | 1 | GW | P | NWNE | D | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8G3AS | 08 | 100S | 230E | 4304751134 | 18168 | | | 1 | GW | P | NWNE | D | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8E2AS | 08 | 100S | 230E | 4304751135 | 18227 | | | 1 | GW | P | SESW | D | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8F3BS | 08 | 100S | 230E | 4304751136 | 18227 | | | 1 | GW | P | SESW | D | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8F4AS | 08 | 100S | 230E | 4304751137 | 18224 | | | 1 | GW | P | SESW | D | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8F4DS | 08 | 100S | 230E | 4304751138 | 18225 | | | 1 | GW | P | SESW | D | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8J2CS | 08 | 100S | 230E | 4304751139 | 18226 | | | 1 | GW | P | SESW | D | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8G4DS | 08 | 100S | 230E | 4304751140 | 18144 | | | 1 | GW | P | NESE | D | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8H2DS | 08 | 100S | 230E | 4304751141 | 18142 | | | 1 | GW | P | NESE | D | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8H3DS | 08 | 100S | 230E | 4304751142 | 18143 | | | 1 | GW | P | NESE | D | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8H4DS | 08 | 100S | 230E | 4304751143 | 18141 | | | 1 | GW | P | NESE | D | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8I4BS | 08 | 100S | 230E | 4304751144 | 18155 | | | 1 | GW | P | NESE | D | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8J4BS | 08 | 100S | 230E | 4304751145 | 18154 | | | 1 | GW | P | NESE | D | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8P1AS | 08 | 100S | 230E | 4304751146 | 18156 | | | 1 | GW | P | NESE | D | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8P2BS | 08 | 100S | 230E | 4304751147 | 18153 | | | 1 | GW | P | NESE | D | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8P4AS | 08 | 100S | 230E | 4304751148 | 18157 | | | 1 | GW | P | NESE | D | | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8E2DS | 08 | 100S | 230E | 4304751149 | 18201 | | | 1 | GW | P | NWSW | D | | 1 | WSMVD | P | UTU 37355 | N2995 |

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|-----------------------|----|------|------|------------|-------|--|--|---|----|---|------|---|---|-------|---|-----------|-------|
| BONANZA 1023-8E3DS | 08 | 100S | 230E | 4304751150 | 18200 | | | 1 | GW | P | NWSW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8K1CS | 08 | 100S | 230E | 4304751151 | 18199 | | | 1 | GW | P | NWSW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8K4CS | 08 | 100S | 230E | 4304751152 | 18198 | | | 1 | GW | P | NWSW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8L3DS | 08 | 100S | 230E | 4304751153 | 18197 | | | 1 | GW | P | NWSW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8M2AS | 08 | 100S | 230E | 4304751154 | 18217 | | | 1 | GW | P | SWSW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8M2DS | 08 | 100S | 230E | 4304751155 | 18216 | | | 1 | GW | P | SWSW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8N2BS | 08 | 100S | 230E | 4304751156 | 18218 | | | 1 | GW | P | SWSW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8O3CS | 08 | 100S | 230E | 4304751157 | 18254 | | | 1 | GW | P | SWSE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8N3DS | 08 | 100S | 230E | 4304751158 | 18215 | | | 1 | GW | P | SWSW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8O4AS | 08 | 100S | 230E | 4304751159 | 18252 | | | 1 | GW | P | SWSE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8P2CS | 08 | 100S | 230E | 4304751160 | 18251 | | | 1 | GW | P | SWSE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8P3CS | 08 | 100S | 230E | 4304751161 | 18253 | | | 1 | GW | P | SWSE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| CANYON FEDERAL 2-9 | 09 | 100S | 230E | 4304731504 | 1468 | | | 1 | GW | P | NENW | | 1 | MVRD | P | U-37355 | N2995 |
| SOUTHMAN CANYON 9-3-M | 09 | 100S | 230E | 4304732540 | 11767 | | | 1 | GW | S | SWSW | | 1 | MVRD | S | UTU-37355 | N2995 |
| SOUTHMAN CANYON 9-4-J | 09 | 100S | 230E | 4304732541 | 11685 | | | 1 | GW | S | NWSE | | 1 | MVRD | S | UTU-37355 | N2995 |
| BONANZA 9-6 | 09 | 100S | 230E | 4304734771 | 13852 | | | 1 | GW | P | NWNE | | 1 | MVRD | P | U-37355 | N2995 |
| BONANZA 9-5 | 09 | 100S | 230E | 4304734866 | 13892 | | | 1 | GW | P | SESW | | 1 | MVRD | P | U-37355 | N2995 |
| BONANZA 1023-9E | 09 | 100S | 230E | 4304735620 | 14931 | | | 1 | GW | P | SWNW | | 1 | WSMVD | P | U-37355 | N2995 |
| BONANZA 1023-9I | 09 | 100S | 230E | 4304738223 | 16766 | | | 1 | GW | P | NESE | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-9D | 09 | 100S | 230E | 4304738306 | 16398 | | | 1 | GW | P | NWNW | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-9J | 09 | 100S | 230E | 4304738811 | 16989 | | | 1 | GW | P | NWSE | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-9B3BS | 09 | 100S | 230E | 4304750503 | 17965 | | | 1 | GW | P | SENE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-9B3CS | 09 | 100S | 230E | 4304750504 | 17968 | | | 1 | GW | P | SENE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-9H2BS | 09 | 100S | 230E | 4304750505 | 17966 | | | 1 | GW | P | SENE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-9H2CS | 09 | 100S | 230E | 4304750506 | 17967 | | | 1 | GW | P | SENE | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 10-2 | 10 | 100S | 230E | 4304734704 | 13782 | | | 1 | GW | P | NWNW | | 1 | MVRD | P | U-72028 | N2995 |
| BONANZA 1023-10L | 10 | 100S | 230E | 4304735660 | 15164 | | | 1 | GW | P | NWSW | | 1 | WSMVD | P | U-38261 | N2995 |
| BONANZA 1023-10E | 10 | 100S | 230E | 4304738224 | 16501 | | | 1 | GW | P | SWNW | | 1 | MVRD | P | UTU-72028 | N2995 |
| BONANZA 1023-10C | 10 | 100S | 230E | 4304738228 | 16500 | | | 1 | GW | P | NENW | | 1 | MVRD | P | UTU-72028 | N2995 |
| BONANZA 1023-10C-4 | 10 | 100S | 230E | 4304738915 | 17015 | | | 1 | GW | P | NENW | | 1 | MVRD | P | UTU-72028 | N2995 |
| BONANZA 11-2 ★ | 11 | 100S | 230E | 4304734773 | 13768 | | | 1 | GW | P | SWNW | | 1 | MVMCS | P | UTU-38425 | N2995 |
| BONANZA 1023-11K | 11 | 100S | 230E | 4304735631 | 15132 | | | 1 | GW | P | NESW | | 1 | WSMVD | P | UTU-38425 | N2995 |
| BONANZA 1023-11B | 11 | 100S | 230E | 4304738230 | 16764 | | | 1 | GW | P | NWNE | | 1 | MVRD | P | UTU-38425 | N2995 |
| BONANZA 1023-11F | 11 | 100S | 230E | 4304738232 | 16797 | | | 1 | GW | P | SENW | | 1 | MVRD | P | UTU-38425 | N2995 |
| BONANZA 1023-11D | 11 | 100S | 230E | 4304738233 | 16711 | | | 1 | GW | P | NWNW | | 1 | MVRD | P | UTU-38425 | N2995 |
| BONANZA 1023-11G | 11 | 100S | 230E | 4304738235 | 16826 | | | 1 | GW | P | SWNE | | 1 | MVRD | P | UTU-38425 | N2995 |
| BONANZA 1023-11C | 11 | 100S | 230E | 4304738309 | 16736 | | | 1 | GW | P | NENW | | 1 | MVRD | P | UTU-38425 | N2995 |
| BONANZA 1023-11J | 11 | 100S | 230E | 4304738310 | 16839 | | | 1 | GW | P | NWSE | | 1 | WSMVD | P | UTU-38424 | N2995 |
| BONANZA 1023-11N | 11 | 100S | 230E | 4304738311 | 16646 | | | 1 | GW | P | SESW | | 1 | MVRD | P | UTU-38424 | N2995 |
| BONANZA 1023-11M | 11 | 100S | 230E | 4304738312 | 16687 | | | 1 | GW | P | SWSW | | 1 | MVRD | P | UTU-38424 | N2995 |
| BONANZA 1023-11L | 11 | 100S | 230E | 4304738812 | 16987 | | | 1 | GW | P | NWSW | | 1 | WSMVD | P | UTU-38424 | N2995 |
| NSO FEDERAL 1-12 | 12 | 100S | 230E | 4304730560 | 1480 | | | 1 | GW | P | NENW | | 1 | MVRD | P | UTU-38423 | N2995 |
| WHITE RIVER 1-14 | 14 | 100S | 230E | 4304730481 | 1500 | | | 1 | GW | S | NENW | | 1 | MVRD | S | U-38427 | N2995 |
| BONANZA 1023-14D | 14 | 100S | 230E | 4304737030 | 16799 | | | 1 | GW | P | NWNW | | 1 | MVRD | P | UTU-38427 | N2995 |
| BONANZA 1023-14C | 14 | 100S | 230E | 4304738299 | 16623 | | | 1 | GW | P | NENW | | 1 | MVRD | P | UTU-38427 | N2995 |
| BONANZA FEDERAL 3-15 | 15 | 100S | 230E | 4304731278 | 8406 | | | 1 | GW | P | NENW | | 1 | MVRD | P | U-38428 | N2995 |

★ not moved into unit

| | | | | | | | | | | | | | | | | |
|-----------------------------|----|------|------|------------|-------|--|---|----|-----|------|---|---|-------|-----|------------|-------|
| BONANZA 1023-15H | 15 | 100S | 230E | 4304738316 | 16688 | | 1 | GW | P | SENE | | 1 | MVRD | P | UTU-38427 | N2995 |
| BONANZA 1023-15J | 15 | 100S | 230E | 4304738817 | 16988 | | 1 | GW | P | NWSE | | 1 | MVRD | P | UTU-38427 | N2995 |
| BONANZA 1023-15H4CS | 15 | 100S | 230E | 4304750741 | 17492 | | 1 | GW | P | NESE | D | 1 | MVRD | P | UTU 38427 | N2995 |
| BONANZA 1023-15I2AS | 15 | 100S | 230E | 4304750742 | 17493 | | 1 | GW | P | NESE | D | 1 | WSMVD | P | UTU 38427 | N2995 |
| BONANZA 1023-15I4BS | 15 | 100S | 230E | 4304750743 | 17490 | | 1 | GW | P | NESE | D | 1 | WSMVD | P | UTU 38427 | N2995 |
| BONANZA 1023-15P1BS | 15 | 100S | 230E | 4304750744 | 17491 | | 1 | GW | P | NESE | D | 1 | WSMVD | P | UTU 38427 | N2995 |
| LOOKOUT POINT STATE 1-16 | 16 | 100S | 230E | 4304730544 | 1495 | | 3 | GW | P | NESE | | 3 | WSMVD | P | ML-22186-A | N2995 |
| BONANZA 1023-16J | 16 | 100S | 230E | 4304737092 | 15987 | | 3 | GW | OPS | NWSE | | 3 | WSMVD | OPS | ML-22186-A | N2995 |
| BONANZA 1023-17B | 17 | 100S | 230E | 4304735747 | 15165 | | 1 | GW | P | NWNE | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-17C | 17 | 100S | 230E | 4304738237 | 16585 | | 1 | GW | P | NENW | | 1 | WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-17D3S | 17 | 100S | 230E | 4304750511 | 17943 | | 1 | GW | P | NENW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-17E2S | 17 | 100S | 230E | 4304750512 | 17944 | | 1 | GW | P | NENW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-17E3AS | 17 | 100S | 230E | 4304750513 | 17945 | | 1 | GW | P | NENW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-17E3CS | 17 | 100S | 230E | 4304750514 | 17946 | | 1 | GW | P | NENW | D | 1 | WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-18G | 18 | 100S | 230E | 4304735621 | 14410 | | 1 | GW | P | SWNE | | 1 | WSMVD | P | U-38241 | N2995 |
| BONANZA 1023-18B | 18 | 100S | 230E | 4304735721 | 14395 | | 1 | GW | P | NWNE | | 1 | WSMVD | P | U-38421 | N2995 |
| BONANZA 1023-18DX (RIGSKID) | 18 | 100S | 230E | 4304736218 | 14668 | | 1 | GW | P | NWNW | | 1 | WSMVD | P | U-38241 | N2995 |
| BONANZA 1023-18A | 18 | 100S | 230E | 4304738243 | 16625 | | 1 | GW | P | NENE | | 1 | WSMVD | P | UTU-38421 | N2995 |
| BONANZA 1023-18F | 18 | 100S | 230E | 4304738244 | 16624 | | 1 | GW | P | SENW | | 1 | WSMVD | P | UTU-38421 | N2995 |
| BONANZA 1023-18E | 18 | 100S | 230E | 4304738245 | 16645 | | 1 | GW | P | SWNW | | 1 | MVRD | P | UTU-38421 | N2995 |
| BONANZA 1023-18C | 18 | 100S | 230E | 4304738246 | 16734 | | 1 | GW | P | NENW | | 1 | MVRD | P | UTU-38421 | N2995 |
| BONANZA 1023-18G-1 | 18 | 100S | 230E | 4304738916 | 17135 | | 1 | GW | P | SWNE | | 1 | WSMVD | P | UTU-38421 | N2995 |
| BONANZA 1023-18D3AS | 18 | 100S | 230E | 4304750448 | 17498 | | 1 | GW | P | SWNW | D | 1 | WSMVD | P | UTU 38421 | N2995 |
| BONANZA 1023-18D3DS | 18 | 100S | 230E | 4304750449 | 17499 | | 1 | GW | P | SWNW | D | 1 | WSMVD | P | UTU 38421 | N2995 |
| BONANZA 1023-18E2DS | 18 | 100S | 230E | 4304750450 | 17497 | | 1 | GW | P | SWNW | D | 1 | WSMVD | P | UTU 38421 | N2995 |
| BONANZA 1023-18E3AS | 18 | 100S | 230E | 4304750451 | 17496 | | 1 | GW | P | SENW | D | 1 | WSMVD | P | UTU 38421 | N2995 |
| BONANZA 1023-18L2S | 18 | 100S | 230E | 4304750520 | 18111 | | 1 | GW | P | SWNW | D | 1 | WSMVD | P | UTU 38421 | N2995 |
| BONANZA 1023-18L3S | 18 | 100S | 230E | 4304750521 | 18110 | | 1 | GW | P | SWNW | D | 1 | WSMVD | P | UTU 38421 | N2995 |
| BONANZA 1023-18K3AS | 18 | 100S | 230E | 4304751061 | 18112 | | 1 | GW | P | SWNW | D | 1 | WSMVD | P | UTU 38421 | N2995 |
| BONANZA 1023-18K3BS | 18 | 100S | 230E | 4304751063 | 18113 | | 1 | GW | P | SWNW | D | 1 | WSMVD | P | UTU 38421 | N2995 |
| BONANZA 1023-18M2AS | 18 | 100S | 230E | 4304751064 | 18117 | | 1 | GW | P | SWNW | D | 1 | WSMVD | P | UTU 38421 | N2995 |
| BONANZA 1023-18M2DS | 18 | 100S | 230E | 4304751065 | 18116 | | 1 | GW | P | SWNW | D | 1 | WSMVD | P | UTU 38421 | N2995 |
| BONANZA 1023-18N2AS | 18 | 100S | 230E | 4304751066 | 18114 | | 1 | GW | P | SWNW | D | 1 | WSMVD | P | UTU 38421 | N2995 |
| BONANZA 1023-18N2DS | 18 | 100S | 230E | 4304751067 | 18115 | | 1 | GW | P | SWNW | D | 1 | WSMVD | P | UTU 38421 | N2995 |
| BONANZA 1023-10F | 10 | 100S | 230E | 4304738225 | 16565 | | | GW | P | SENW | | | MVRD | P | UTU 72028 | N2995 |
| BONANZA 1023-6D1AS | 6 | 100S | 230E | 4304751450 | 18320 | | | GW | P | NENW | D | | WSMVD | P | UTU 38419 | N2995 |
| BONANZA 1023-6C1CS | 6 | 100S | 230E | 4304751448 | 18319 | | | GW | | NENW | D | | | | UTU 38419 | N2995 |
| BONANZA 1023-6D3AS | 6 | 100S | 230E | 4304751452 | 18317 | | | GW | P | NENW | D | | WSMVD | P | UTU 38419 | N2995 |

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|--|--|
| 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: UTU-38421 |
| 1. TYPE OF WELL Gas Well | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P. | 7. UNIT or CA AGREEMENT NAME: PONDEROSA |
| 3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 | 8. WELL NAME and NUMBER: BONANZA 1023-18F |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1969 FNL 2054 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 18 Township: 10.0S Range: 23.0E Meridian: S | 9. API NUMBER: 43047382440000 |
| 10. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 | 9. FIELD and POOL or WILDCAT: NATURAL BUTTES |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | COUNTY: UINTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | STATE: UTAH |

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|--|--|---|---|
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/24/2015 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE |
| <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION |
| | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON |
| | <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input type="checkbox"/> APD EXTENSION |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input checked="" type="checkbox"/> OTHER | OTHER: <input type="text" value="TUBING FAILURE"/> |

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

A WORKOVER FOR TUBING FAILURE HAS BEEN COMPLETED ON THE BONANZA 1023-18F, SEE THE ATTACHED OPERATIONS SUMMARY REPORT.

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

FOR RECORD ONLY

October 08, 2015

| | | |
|-------------------------------------|------------------------------|--------------------------------|
| NAME (PLEASE PRINT) Doreen Green | PHONE NUMBER 435 781-9758 | TITLE Regulatory Analyst II |
| SIGNATURE N/A | DATE 10/6/2015 | |

**US ROCKIES REGION
Operation Summary Report**

| | | | | | |
|--|--|---------------------------|---|----------------------|---------------------|
| Well: BONANZA 1023-18F | | Spud Conductor: 1/19/2008 | | Spud date: 1/21/2008 | |
| Project: UTAH-UINTAH | | | Site: BONANZA 1023-18F | | |
| Event: WELL WORK EXPENSE | | | Start date: 9/17/2015 | | End date: 9/22/2015 |
| Active datum: RKB @5,354.00usft (above Mean Sea Level) | | | UWI: 0/10/S/23/E/18/0/SENW/6/PM/N/1,969.00/W/0/2,054.00/0/0 | | |

| Date | Time Start-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD from (usft) | Operation |
|-----------|----------------|---------------|-------|------|----------|-----|----------------|---|
| 9/17/2015 | 7:00 - 7:15 | 0.25 | MAINT | 48 | | P | | HSM, ROADING RIG |
| | 7:15 - 11:30 | 4.25 | MAINT | 30 | A | P | | R/D ROAD RIG TO LOC. SPOT EQUIP. MIRU. SICP=900#, SITP=900#, HOOK UP BLOW DOWN LINES, BLOW WELL DOWN. KILL WELL W/ 40 BBLS, N/D WELL HEAD. P/U ON TBG, TBG NOT STUCK, LAND BACK. N/U BOPS. R/U TBG EQUIP, P/U 5 JNTS 2-3/8 TAG @=7,545', L/D 5 JNTS, MIRU SCAN TECH. |
| | 11:30 - 17:00 | 5.50 | MAINT | 45 | A | P | | SCAN JNTS 2-3/8 J-55 TBG OUTOF HOLE LAYING DOWN. W/ 235 TOTAL JNTS, 101 YELLOW BAND, 18 BLUE BAND, 118 RED BAND W/ BOTTOM 12 JNTS W/ HOLES IN. SWIFN. |
| 9/18/2015 | 7:00 - 7:15 | 0.25 | MAINT | 48 | | P | | HSM, WORKING AROUND N2/ AIR FOAM UNIT |
| | 7:15 - 11:30 | 4.25 | MAINT | 31 | I | P | | SICP=750#, SITP=750#, BLOW WELL DOWN, KILL W/ 30 BBLS, P/U 3-7/8 MIL, TALLEY AND P/U 238 JNTS 2-3/8 J-55 TBG, TAG @=7,515', RIG UP POWER SWIVEL, MIRU WEATHERFORD AIR FOAM / N2 UNIT. |
| | 11:30 - 16:00 | 4.50 | MAINT | 31 | H | P | | BREAK CIRC W/ N2 UNIT, TBG PLUGGED PRESSURED UP TO 2,000#, RIGGED UP SWAB, MADE 4 SWAB RUNS WAS ABLE TO CLEAR TBG, GOT CIRC W/ N2 UNIT, GOT GOOD RETURNS CIRC HOLE 30 MIN. SWI. |
| 9/21/2015 | 7:00 - 7:15 | 0.25 | MAINT | 48 | | P | | HSM-JSA |
| | 7:15 - 17:30 | 10.25 | MAINT | 44 | D | P | | SICP 900#, OPEN WELL, BRK CIRC W/ N2 UNIT, C/O FROM 7515' TO 8045' HIT OLD POBS, CIRC CLN, RD PWR SWVL, POOH LD 21 JTS TBG STD BK 74 JTS, SWI, SDFN. |
| 9/22/2015 | 7:00 - 7:15 | 0.25 | MAINT | 48 | | P | | HSM-JSA |
| | 7:15 - 16:00 | 8.75 | MAINT | 31 | I | P | | SICP 875 PSI, CNTRL WELL W/ 40 BBLS TMAC, POOH STD BK 160 JTS TBG, LD MILL, PU XN NTCH CLLR RIH W/ 234 JTS 2 3/8" J-55 LAND TBG @ 7404.29', BRCH TBG TO SN, RD FLOOR & TBG EQUIP, NDBOP, NUWH, BLOW WELL ARND W/ N2 UNIT, RDMO, MOVE RIG & EQUIP TO 1023-5D2DS, SDFN. |
| | | | | | | | | KB- 18' HANGER- .83' 234 JTS 2 3/8" J-55- 7384.41' XN NC- 1.05' EOT- 7404.29' PBTD- 8045' |

