



Kerr-McGee Oil & Gas OnShore LP
1999 Broadway, Suite 3700, Denver, Colorado 80202
303-296-3600 • Fax 303-296-3601

April 10, 2006

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

RE: Bonanza 1023-17C
T10S-R23E
Section 17: NENW
746' FNL, 2,223' FWL
Uintah County, Utah

Dear Ms. Whitney:

Kerr-McGee Oil & Gas Onshore LP, formerly known as Westport Oil and Gas Company, L.P. 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 Spacing Order 179-12. The well location was moved for topographic reasons. Kerr-McGee owns 100% of the leasehold within 460 feet of the exception location of the offset lands and has no objection to the exception location.

Kerr-McGee requests your approval of this exception location. If you have any questions, call me at 720-264-2618. Thank you for your assistance.

Sincerely,

A handwritten signature in black ink, appearing to read 'W. Chris Latimer'.

W. Chris Latimer, CPL
Senior Landman

cc: Raleen Weddle

RECEIVED
APR 13 2006
DIV. OF OIL, GAS & MINING

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

5. Lease Serial No.

UTU-37355

6. If Indian, Allottee or Tribe Name

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

8. Lease Name and Well No.

BONANZA 1023-17C

9. API Well No.

43-047-38237

10. Field and Pool, or Exploratory

NATURAL BUTTES

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

SECTION 17, T10S, R23E

12. County or Parish

UINTAH

13. State

UTAH

1a. Type of Work: DRILL

REENTER

b. Type of Well: Oil Well Gas Well Other

Single Zone Multiple Zone

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 (Report location clearly and in accordance with any State requirements.)*

At surface **NENW 746'FNL, 2223'FWL 640813X 39.954050**

At proposed prod. Zone **4423 748Y -109.351541**

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

27 MILES SOUTHEAST OF OURAY, UTAH

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) **746'**

16. No. of Acres in lease

1920.00

17. Spacing Unit dedicated to this well

40.00

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

REFER TO TOPO C

19. Proposed Depth

8030'

20. BLM/BIA Bond No. on file

BOND NO. 2971100-2533

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

5252'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:

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

25. Signature

Sheila Upchego

Name (Printed/Typed)

SHEILA UPCHEGO

Date

5/31/2006

Title

REGULATORY ANALYST

Approved by (Signature)

Bradley G. Hill

Name (Printed/Typed)

BRADLEY G. HILL

Date

06-15-06

ENVIRONMENTAL MANAGER

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 Necessary

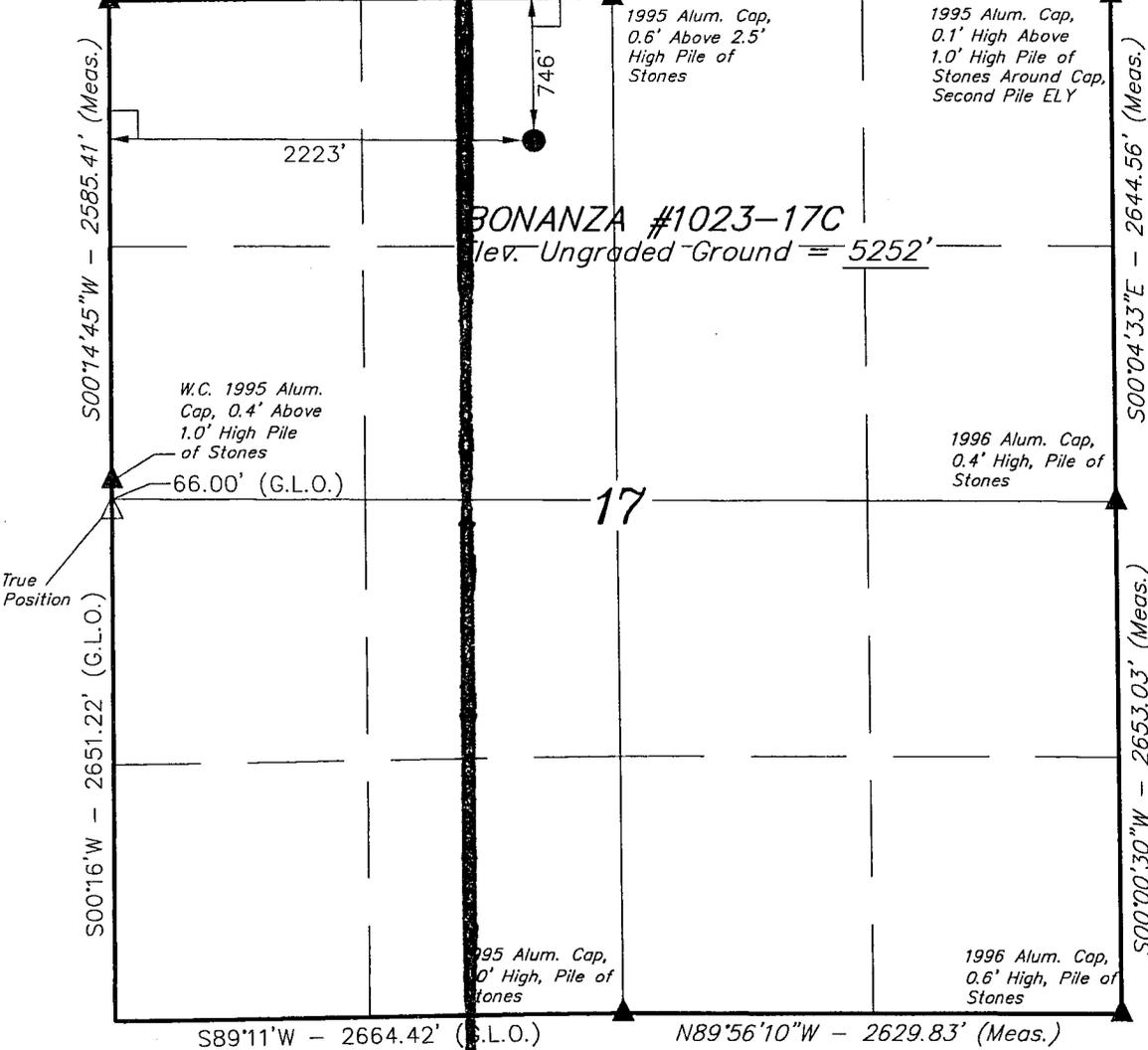
RECEIVED
JUN 05 2006

BLM/CIA/...

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

1995 Alum. Cap,
0.7' High, Pile
of Stones

N89°40'21"E - 2640.03' (Meas.) S89°40'57"W - 2627.40' (Meas.)



LEGEND:

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

(NAD 83)
LATITUDE = 39°57'15.11" (39.954197)
LONGITUDE = 109°21'07.86" (109.352183)
(NAD 27)
LATITUDE = 39°57'15.23" (39.954231)
LONGITUDE = 109°21'05.42" (109.351506)

Kerr-McGee Oil & Gas Onshore LP

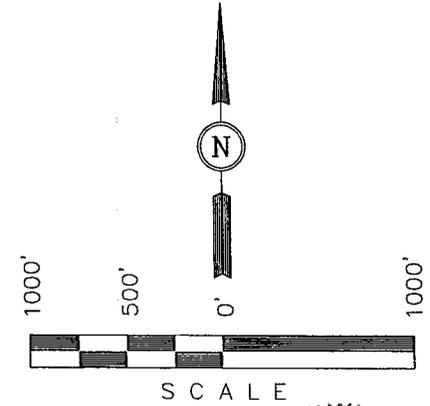
Well location, BONANZA #1023-17C, located as shown in the NE 1/4 NW 1/4 of Section 17, T10S, R23E, S.L.B.&M. Uintah County, Utah.

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 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.

[Signature]
REGISTERED LAND SURVEYOR
REGISTRATION NO. 167319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 02-28-06	DATE DRAWN: 03-07-06
PARTY J.R. L.M. C.H.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE Kerr-McGee Oil & Gas Onshore LP	

**BONANZA #1023-17C
NE/NW Sec. 17, T10S,R23E
UINTAH COUNTY, UTAH
UTU-37355**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1339'
Top of Birds Nest Water	1215'
Mahogany	1808'
Wasatch	3917'
Mesaverde	6071'
MVU2	6889'
MVL1	7436'
TD	8030'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Water	Green River	1339'
	Top of Birds Nest Water	1215'
	Mahogany	1808'
Gas	Wasatch	3917'
Gas	Mesaverde	6071'
Gas	MVU2	6889'
Gas	MVL1	7436'
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 8030' TD, approximately equals 4979 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3212 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**

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 1720	32.30	H-40	STC	0.75*****	1.70	5.22
PRODUCTION	4-1/2"	0 to 8030	11.60	I-80	LTC	2.56	1.32	201000

- 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 3035 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	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
Option 1	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	LEAD	1500	NOTE: If well will circulate water to surface, option 2 will be utilized Prem cmt + 16% Gel + 10 pps gilsonite + .25 pps Flocele + 3% salt BWOC	170	35%	11.00	3.82
Option 2	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	3,410'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	370	60%	11.00	3.38
	TAIL	4,620'	50/50 Poz/G + 10% salt + 2% gel + .1% R-3	1290	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 760 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.

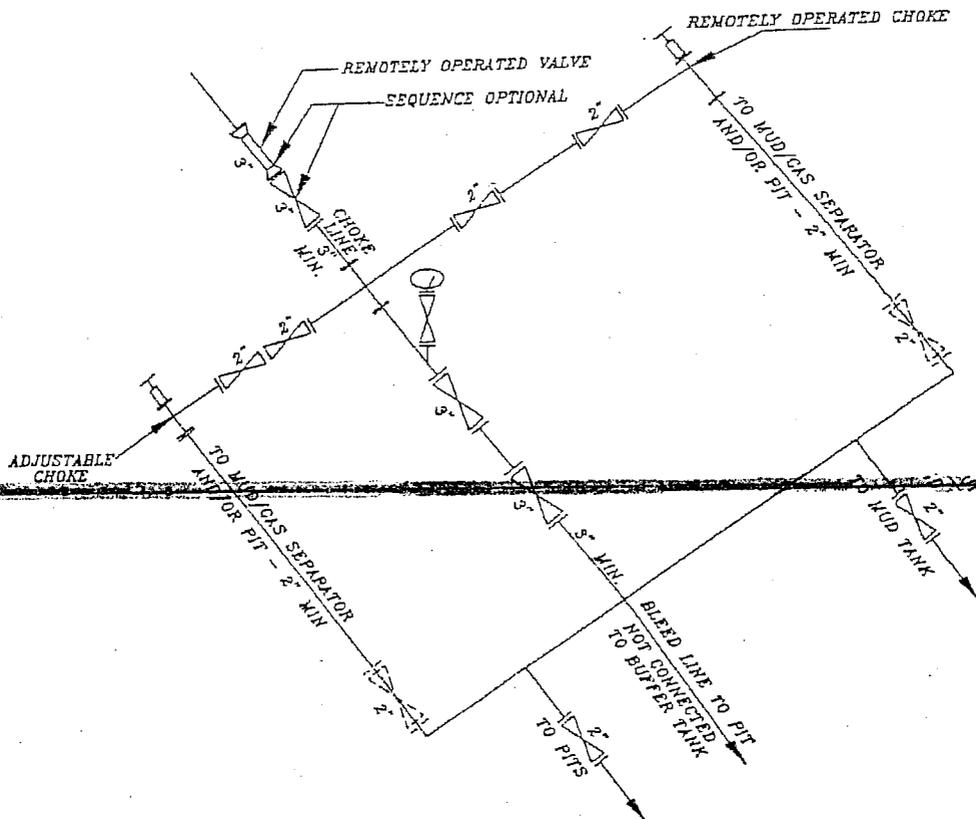
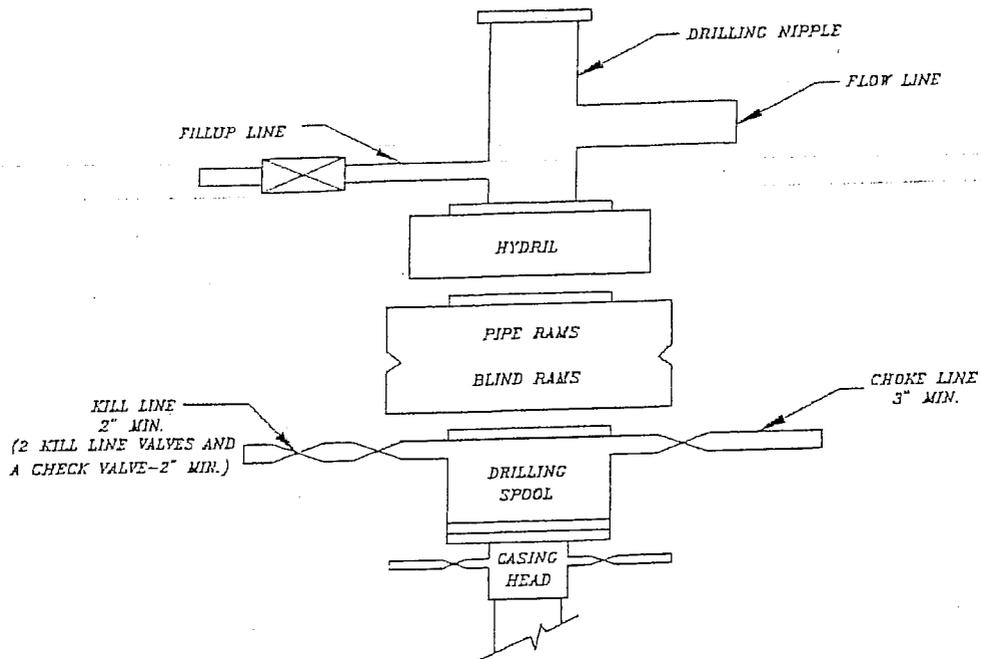
Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER: _____ DATE: _____
Brad Laney

DRILLING SUPERINTENDENT: _____ DATE: _____
Randy Bayne

5M BOP STACK and CHOKE MANIFOLD SYSTEM



**BONANZA 1023-17C
NE/NW SECTION 17, T10S, R23E
UINTAH COUNTY, UTAH
UTU-37355**

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 300' +/- 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 130' 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. Other Information:

A Class III Archaeological Report has been performed and completed on April 27, 2005, the Archaeological Report No. 05-114.
Paleontological Reconnaissance Report will be submitted when report becomes available.

WILDLIFE STIPULATIONS:

~~CRITICAL WILDLIFE HABITAT: No construction or drilling activity May 10th - July 15th.~~
Submit a letter to the BLM requesting a stipulation waiver.

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 31, 2006

Date

KERR-MCGEE OIL & GAS ONSHORE LP
BONANZA #1023-17C
SECTION 17, 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 SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY, THEN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTH; FOLLOW ROAD FLAGS IN A SOUTHERLY DIRECTION APPROXIMATELY 300' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 58.1 MILES.

KERR-MCGEE OIL & GAS ONSHORE LP
BONANZA #1023-17C
 LOCATED IN UINTAH COUNTY, UTAH
 SECTION 17, T10S, R23E, S.L.B.&M.

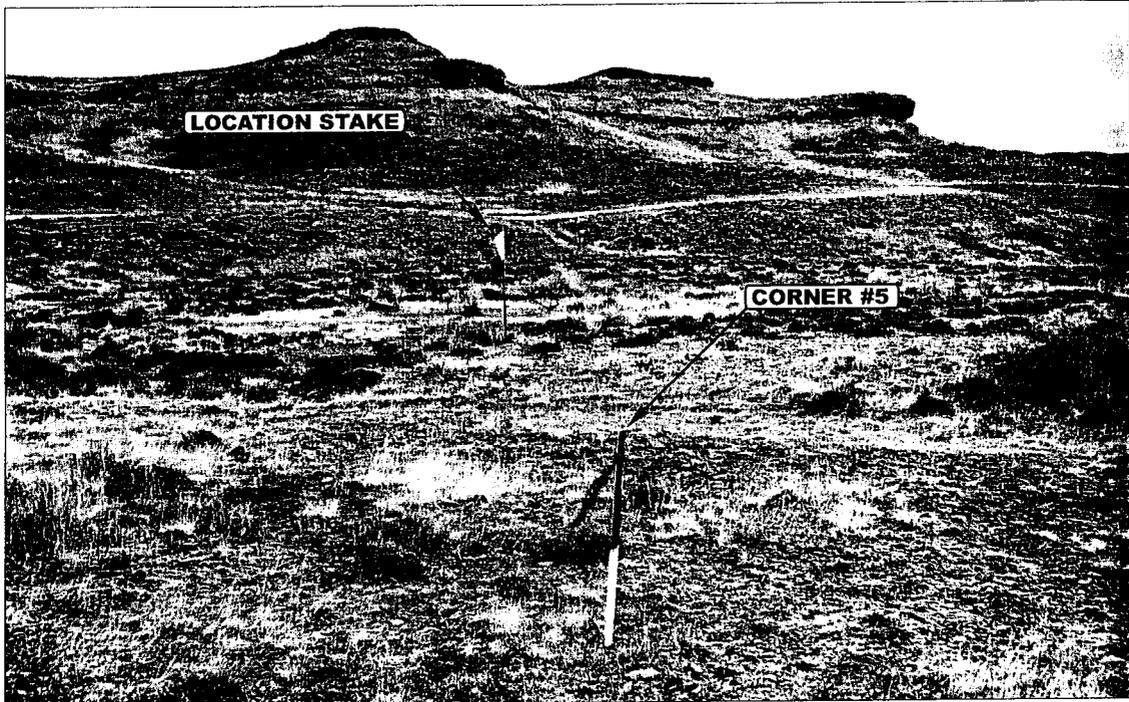


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

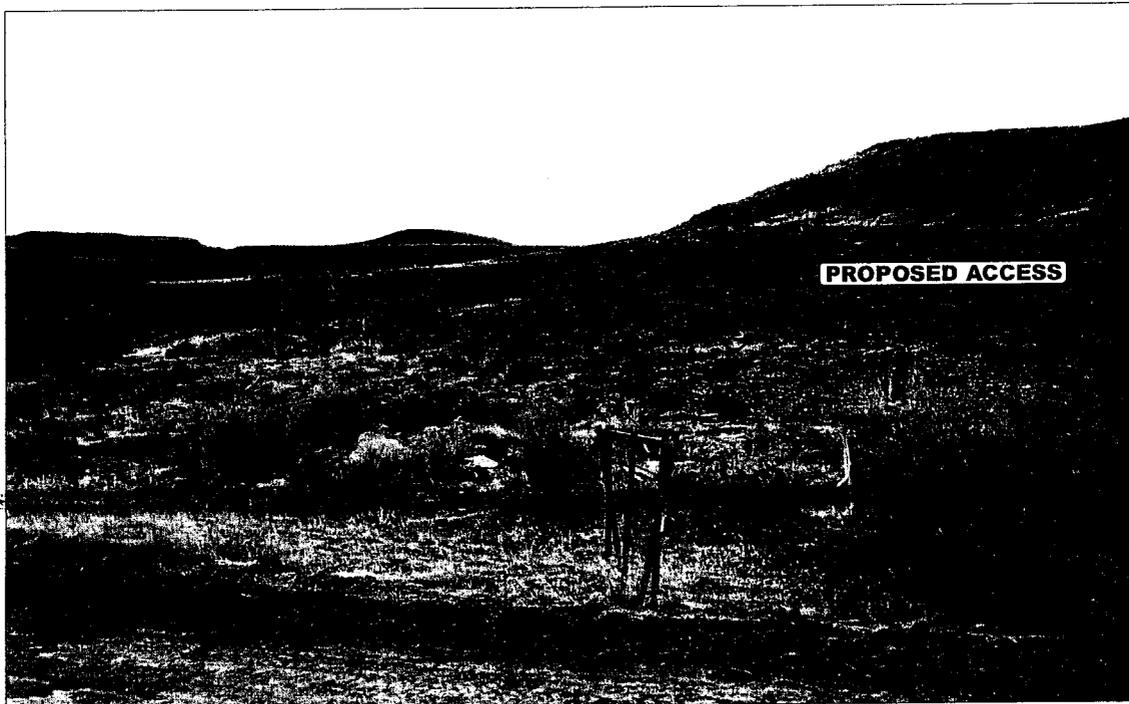


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

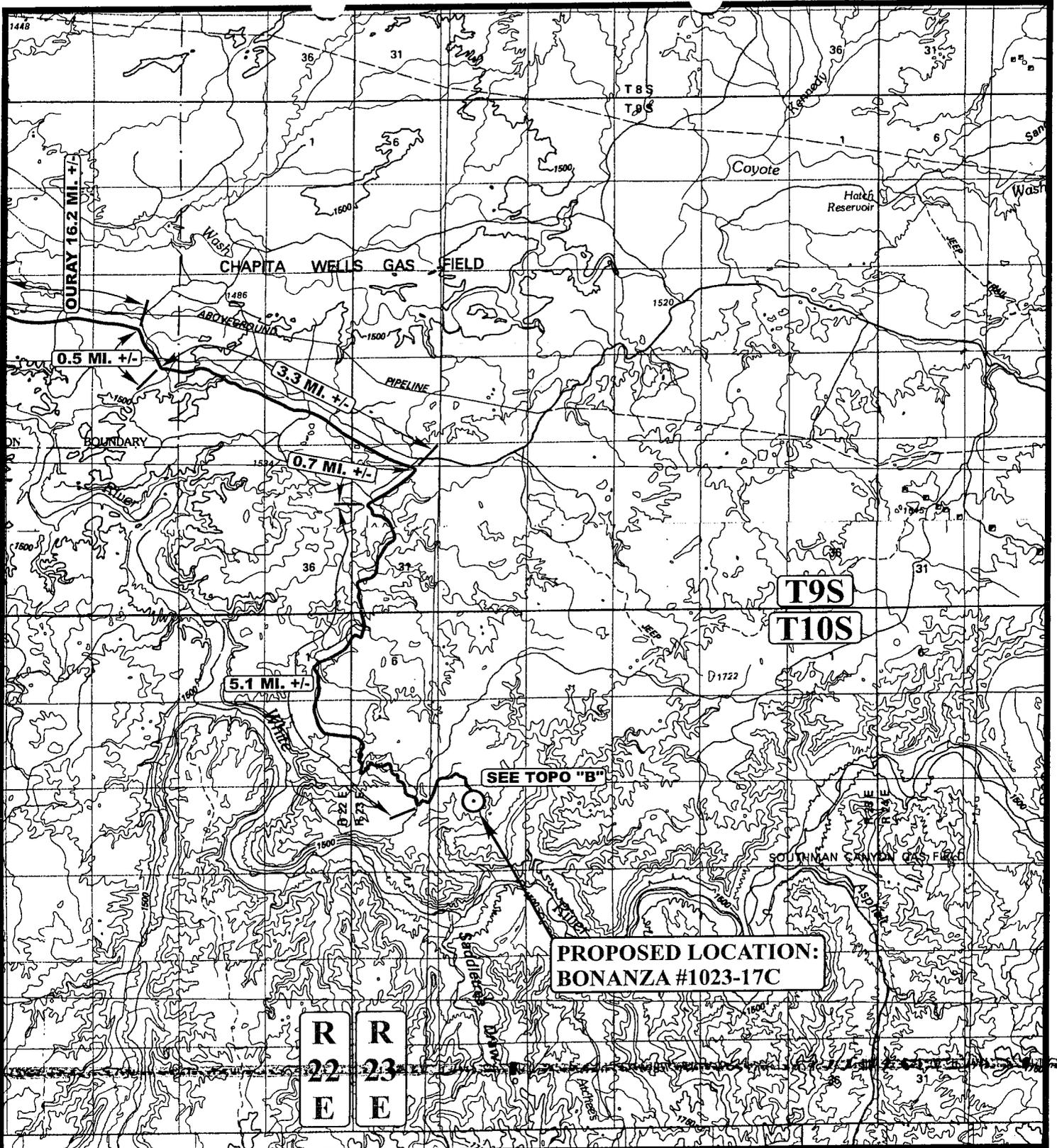
CAMERA ANGLE: SOUTHEASTERLY



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

- Since 1964 -

LOCATION PHOTOS	03	10	06	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: J.R.	DRAWN BY: LDK	REVISED: 00-00-00		



LEGEND:

⊙ PROPOSED LOCATION



KERR-MCGEE OIL & GAS ONSHORE LP

BONANZA #1023-17C
SECTION 17, T10S, R23E, S.L.B.&M.
746' FNL 2223' FWL

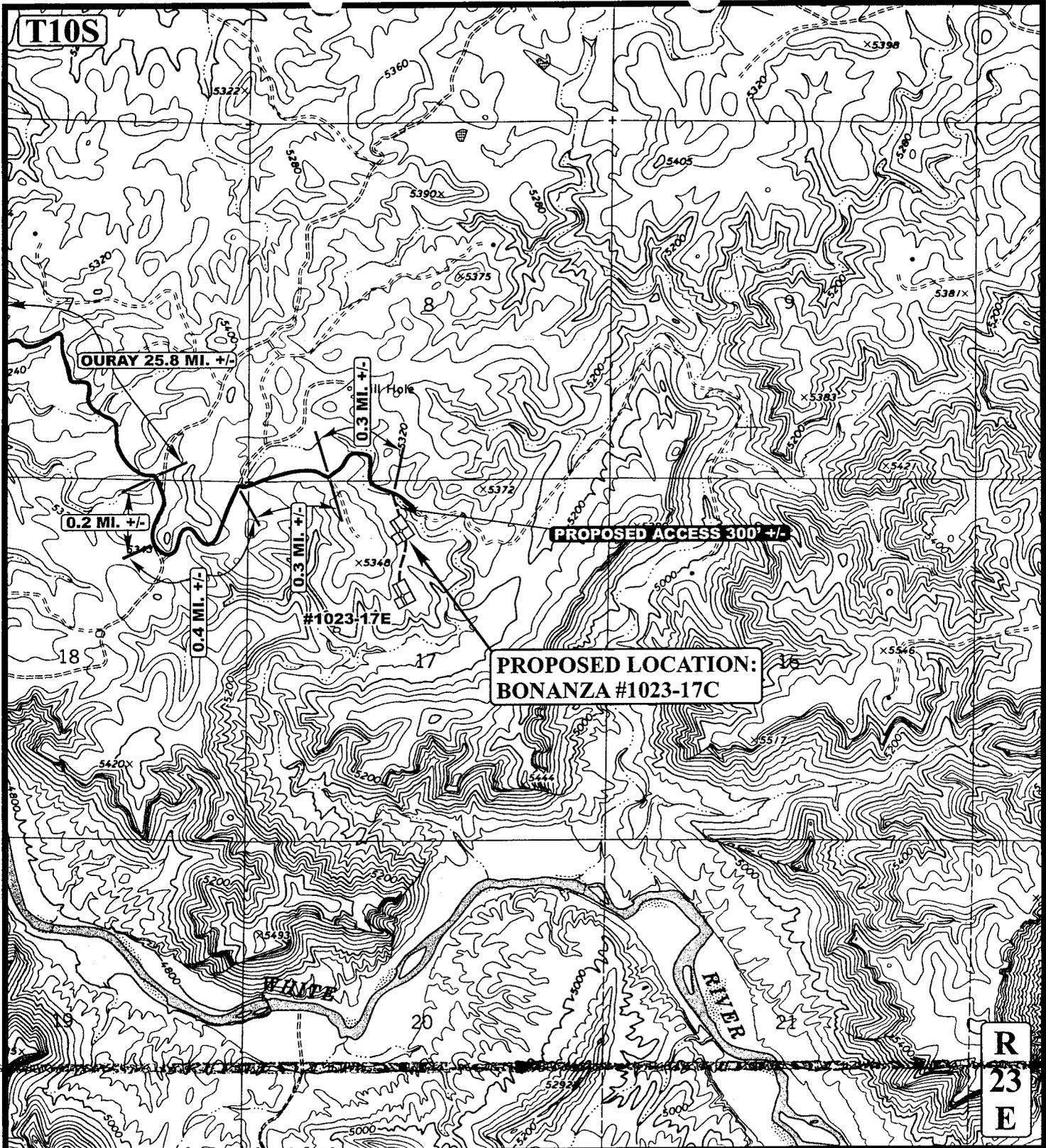


Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP 03 10 06
 MONTH DAY YEAR
 SCALE: 1:100,000 DRAWN BY: LDK REVISED: 00-00-00



T10S



LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD



KERR-MCGEE OIL & GAS ONSHORE LP

BONANZA #1023-17C
SECTION 17, T10S, R23E, S.L.B.&M.
746' FNL 2223' FWL

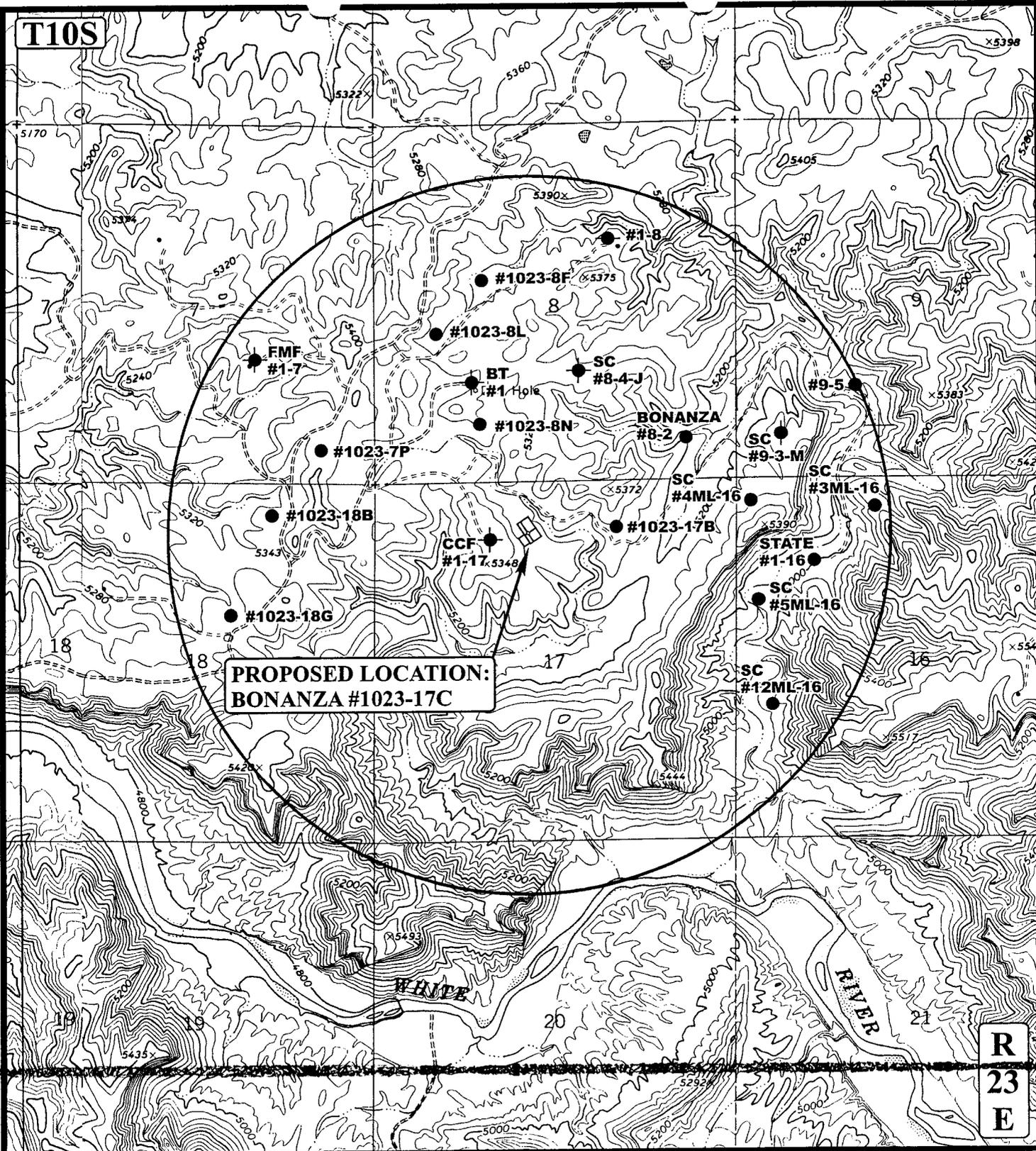


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 85 South 200 East Vernal, Utah 84078
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TOPOGRAPHIC **03 10 06**
MAP MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: LDK REVISED: 00-00-00

B
TOPO

T10S



PROPOSED LOCATION:
BONANZA #1023-17C

R
23
E

LEGEND:

- ⊗ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ⊗ WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

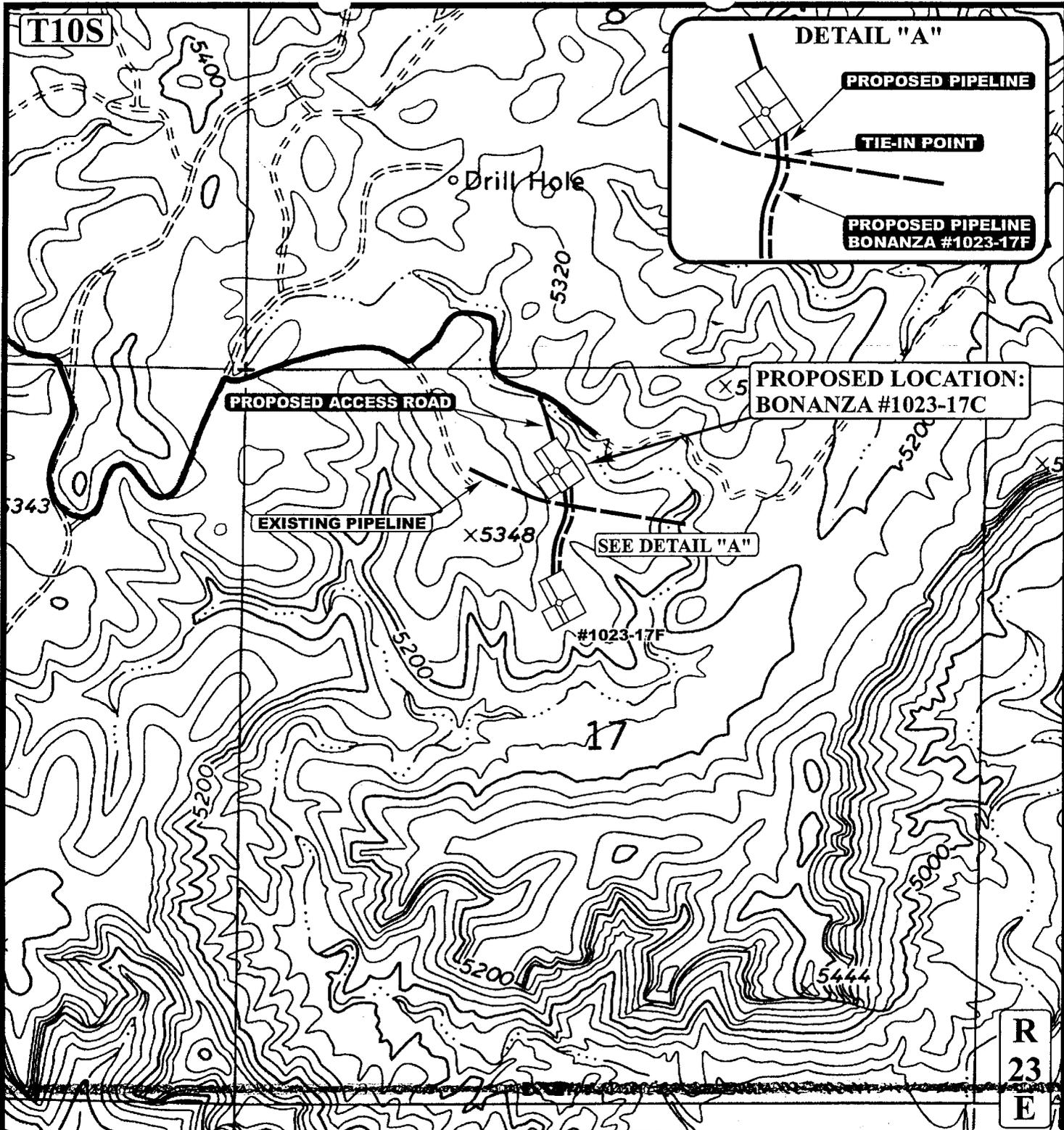
U&L S Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

KERR-MCGEE OIL & GAS ONSHORE LP

BONANZA #1023-17C
SECTION 17, T10S, R23E, S.L.B.&M.
746' FNL 2223' FWL

TOPOGRAPHIC MAP 03 10 06
MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: LDK REVISED: 00-00-00

C
TOPO



APPROXIMATE TOTAL PIPELINE DISTANCE = 130' +/-

LEGEND:

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



KERR-MCGEE OIL & GAS ONSHORE LP

BONANZA #1023-17C
SECTION 17, T10S, R23E, S.L.B.&M.
746' FNL 2223' FWL



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

TOPOGRAPHIC **03** **10** **06**
MAP MONTH DAY YEAR
 SCALE: 1" = 1000' DRAWN BY: LDK REVISED: 00-00-00

D
TOPO

KERR-MCGEE OIL & GAS ONSHORE LP
BONANZA #1023-17C
 PIPELINE ALIGNMENT
 LOCATED IN UINTAH COUNTY, UTAH
 SECTION 17, T10S, R23E, S.L.B.&M.

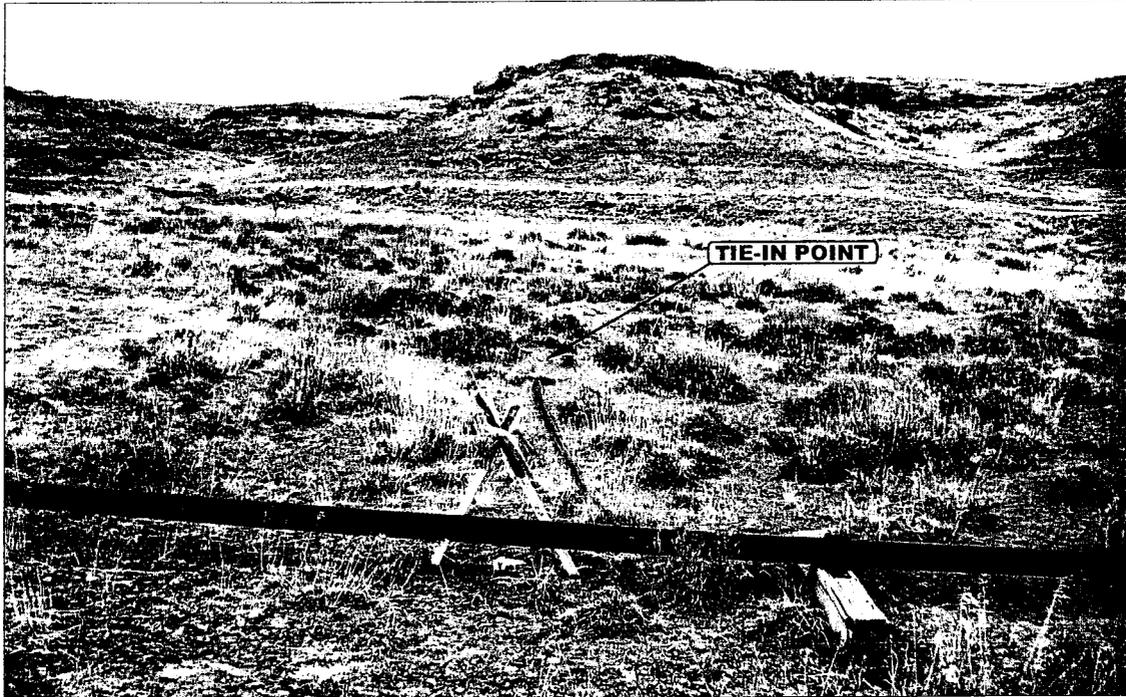


PHOTO: VIEW OF TIE-IN POINT

CAMERA ANGLE: NORTHWESTERLY

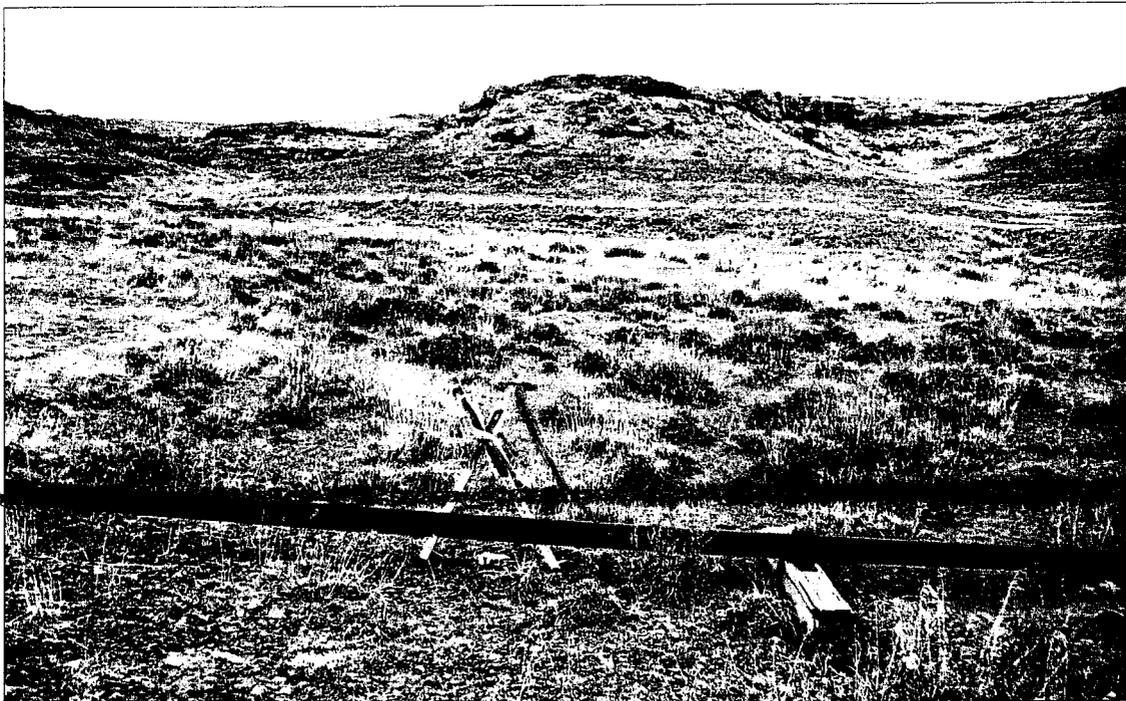


PHOTO: VIEW OF PIPELINE ALIGNMENT

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

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

PIPELINE PHOTOS	03	10	06	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: J.R.	DRAWN BY: LDK	REVISED: 00-00-00		

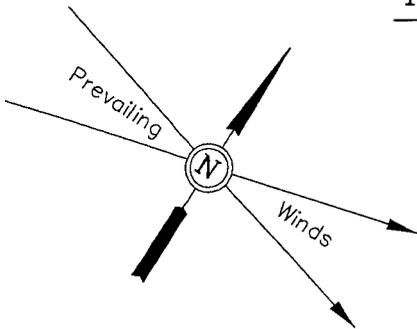
Kerr-McGee Oil & Gas Onshore LP

FIGURE #1

LOCATION LAYOUT FOR

BONANZA #1023-17C
SECTION 17, T10S, R23E, S.L.B.&M.

746' FNL 2223' FWL
C-8.2' El. 58.4'

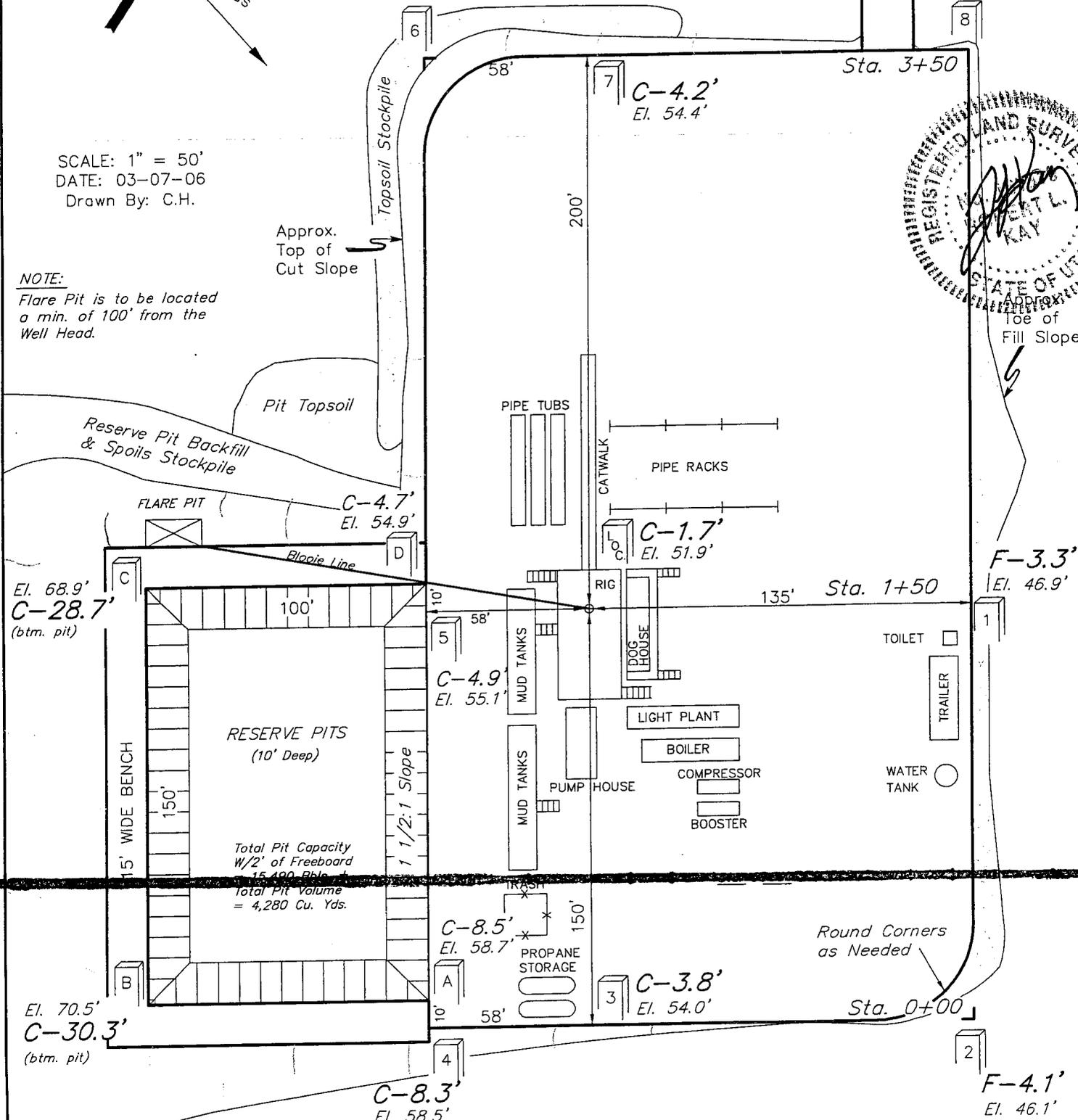
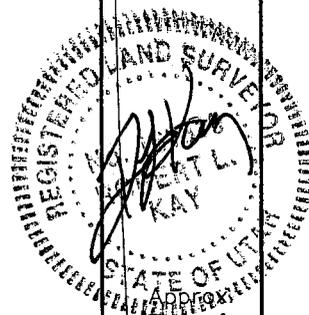


Proposed Access Road

F-2.0' El. 48.2'

SCALE: 1" = 50'
DATE: 03-07-06
Drawn By: C.H.

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



Approx. Top of Cut Slope

Pit Topsoil

Reserve Pit Backfill & Spoils Stockpile

FLARE PIT

Floogie Line

El. 68.9'

C-28.7' (btm. pit)

100'

RESERVE PITS (10' Deep)

15' WIDE BENCH

150'

Total Pit Capacity W/2' of Freeboard = 15,400 Bbls

Total Pit Volume = 4,280 Cu. Yds.

1 1/2:1 Slope

10'

58'

C-4.7' El. 54.9'

C-4.9' El. 55.1'

PIPE TUBS

PIPE RACKS

CATWALK

C-1.7' El. 51.9'

RIG

DOG HOUSE

MUD TANKS

PUMP HOUSE

LIGHT PLANT

BOILER

COMPRESSOR

BOOSTER

TOILET

TRAILER

WATER TANK

135'

Sta. 1+50

F-3.3' El. 46.9'

1

El. 70.5'

C-30.3' (btm. pit)

58'

C-8.5' El. 58.7'

PROPANE STORAGE

TRASH

150'

C-3.8' El. 54.0'

3

58'

4

C-8.3' El. 58.5'

2

F-4.1' El. 46.1'

Round Corners as Needed

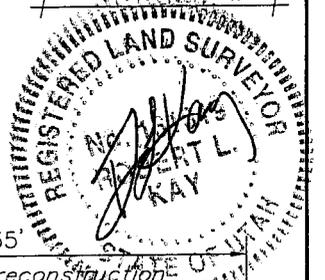
Sta. 0+00

NOTES:
Elev. Ungraded Ground At Loc. Stake = 5251.9'
FINISHED GRADE ELEV. AT LOC. STAKE = 5250.2'

Kerr-McGee Oil & Gas Onshore LP

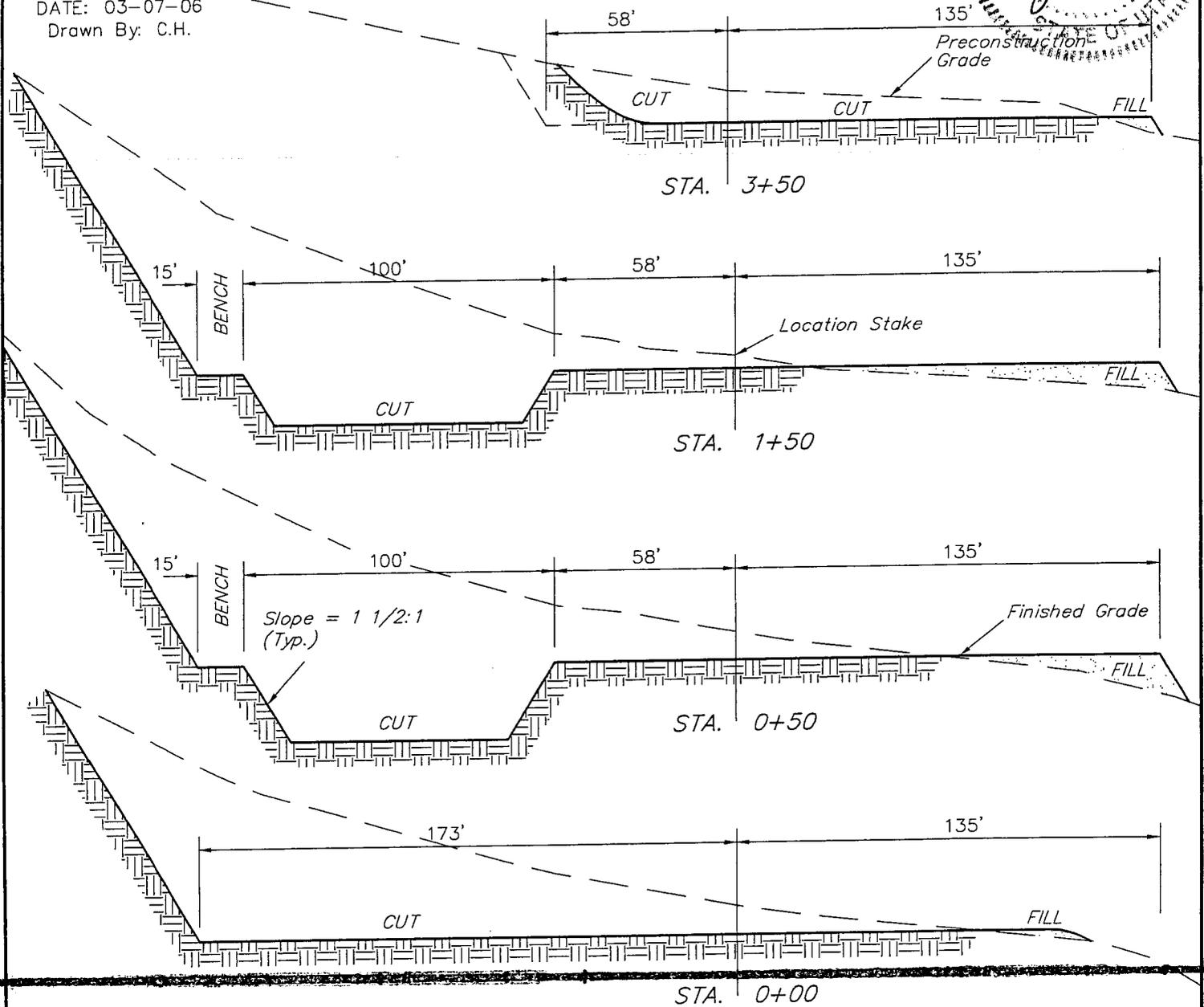
FIGURE #2

TYPICAL CROSS SECTIONS FOR
 BONANZA #1023-17C
 SECTION 17, T10S, R23E, S.L.B.&M.
 746' FNL 2223' FWL



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

DATE: 03-07-06
 Drawn By: C.H.



* NOTE:
 FILL QUANTITY INCLUDES
 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT		
(6") Topsoil Stripping	=	2,170 Cu. Yds.
Remaining Location	=	25,260 Cu. Yds.
TOTAL CUT	=	27,430 CU.YDS.
FILL	=	4,170 CU.YDS.

NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

EXCESS MATERIAL	=	23,260 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	4,310 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	18,950 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: 43-047-38237

WELL NAME: BONANZA 1023-17C

OPERATOR: KERR-MCGEE OIL & GAS (N2995)

CONTACT: SHEILA UPCHEGO

PHONE NUMBER: 435-781-7024

PROPOSED LOCATION:

NENW 17 100S 230E
 SURFACE: 0746 FNL 2223 FWL
 BOTTOM: 0746 FNL 2223 FWL
 COUNTY: UINTAH
 LATITUDE: 39.95405 LONGITUDE: -109.3515
 UTM SURF EASTINGS: 640813 NORTHINGS: 4423748
 FIELD NAME: NATURAL BUTTES (630)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-37355
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSMVD
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

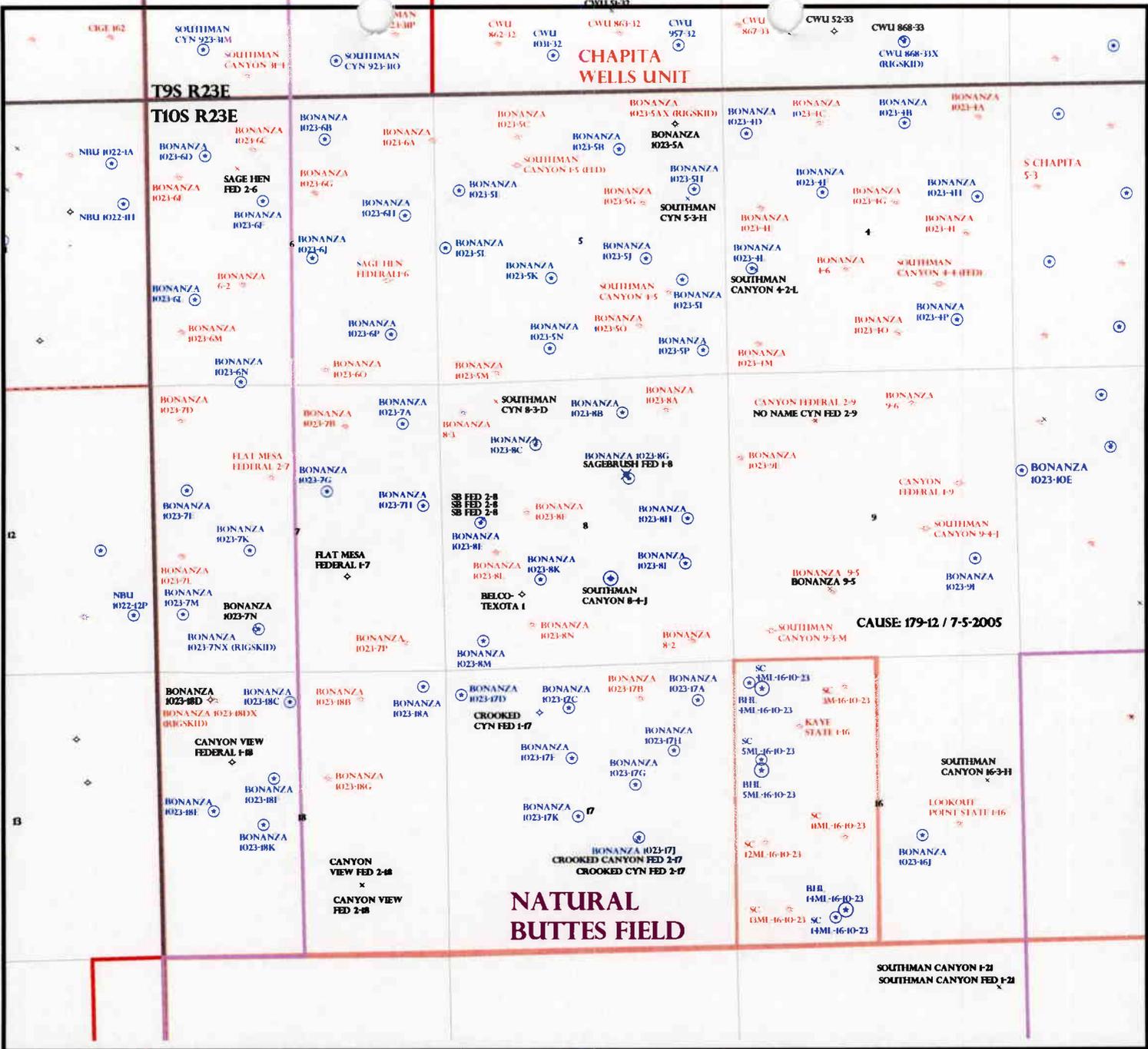
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. 2971100-2533)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-8496)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

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 uhaz. 8420' fr other wells
- R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: 1-Federal Approved



OPERATOR: KERR MCGEE O&G (N2995)

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

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

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



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



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

June 15, 2006

Kerr-McGee Oil & Gas Onshore LP
1368 S 1200 E
Vernal, UT 84078

Re: Bonanza 1023-17C Well, 746' FNL, 2223' FWL, NE NW, Sec. 17, 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 43-047-38237.

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 1023-17C
API Number: 43-047-38237
Lease: UTU-37355

Location: NE NW **Sec.** 17 **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

5. Lease Serial No. UTU-37355
6. If Indian, Allottee or Tribe Name
7. If Unit or CA Agreement, Name and No.
8. Lease Name and Well No. BONANZA 1023-17C
9. API Well No. 43-047-38237
10. Field and Pool, or Exploratory NATURAL BUTTES
11. Sec., T., R., M., or Blk, and Survey or Area SECTION 17, T10S, R23E
12. County or Parish UINTAH
13. State UTAH

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	
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	
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 (Report location clearly and in accordance with any State requirements. *) At surface NENW 746'FNL, 2223'FWL At proposed prod. Zone	
14. Distance in miles and direction from nearest town or post office* 27 MILES SOUTHEAST OF OURAY, UTAH	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 746'	16. No. of Acres in lease 1920.00
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C	17. Spacing Unit dedicated to this well 40.00
20. BLM/BIA Bond No. on file BOND NO. 2971100-2533	19. Proposed Depth 8030'
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5252'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 5/31/2006
Title REGULATORY ANALYST		
Approved by (Signature) 	Name (Printed/Typed) JERRY KEWICK	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.

*(Instructions on reverse)

RECEIVED

FEB 21 2007

DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

UDOSH

066M1351A



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:** NENW, Sec 17, T10S, R23E
Well No: Bonanza 1023-17C **Lease No:** UTU-37355
API No: 43-047-38237 **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
5. As discussed on the onsite conducted on May16,2006, the pit will be narrowed. The pit will be 85' x180' rather than the proposed 115' x180'

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. The top of the production casing cement shall extend a minimum of 200 feet above the surface casing shoe.
2. A Cement Bond Log (CBL) shall be run in the production casing from the TD to the top of cement. A field copy of the CBL shall be submitted to the BLM Vernal Field Office for review.

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 (¼¼, 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-37355

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
BONANZA 1023-17C

9. API Well No.
4304738237

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)
**746' FNL, 2223' FWL
NENW, SEC 17-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	<u>DOG M</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 recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

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 **JUNE 15, 2006**.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 05-30-07
By: [Signature]

COPY SENT TO OPERATOR
Date: 3-31-07
Initials: [Signature]

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

Name (Printed/Typed) RAMEY HOOPES	Title REGULATORY CLERK
Signature <u>Ramey Hoopes rw</u>	Date May 23, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
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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.

(Instructions on reverse)

RECEIVED

MAY 29 2007

DIV. OF OIL, GAS & MINING

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

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

API: 4304738237
Well Name: BONANZA 1023-17C
Location: NENW, SEC 17-T10S-R23E
Company Permit Issued to: KERR-MCGEE OIL AND GAS ONSHORE LP
Date Original Permit Issued: 6/15/2006

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 Hoopes
Signature

5/23/2007

Date

Title: REGULATORY CLERK

Representing: KERR-MCGEE OIL AND GAS ONSHORE L

RECEIVED

MAY 29 2007

DIV. 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.

5. Lease Serial No.
UTU-37355

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
BONANZA 1023-17C

9. API Well No.
4304738237

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)
NE/NW SEC. 17, T10S, R23E 746'FNL, 2223'FWL

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

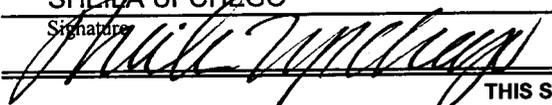
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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 WELL SPUD
	<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 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.

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 12/26/2007 AT 1100 HRS.

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

Name (Printed/Typed) SHEHA UPCHEGO	Title SENIOR LAND ADMIN SPECIALIST
Signature 	Date December 26, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
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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.

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
4304738237	BONANZA 1023-17C		NENW	17	10S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<i>C</i> A	99999	16585	12/26/2007			12/31/07	
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSTMVD</i> SPUD WELL LOCATION ON 12/26/2007 AT 1100 HRS.							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304738229	BONANZA 1023-10J		NWSE	10	10S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<i>C</i> A	99999	16586	12/26/2007			12/31/07	
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSTMVD</i> SPUD WELL LOCATION ON 12/26/2007 AT 0900 HRS							

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)

SHEILA UPCHEGO

Name (Please Print)

Signature

SENIOR LAND SPECIALIST

12/26/2007

Title

Date

RECEIVED

DEC 27 2007

(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.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

5. Lease Serial No.
UTU-37355

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
BONANZA 1023-17C

9. API Well No.
4304738237

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)
NE/NW SEC. 17, T10S, R23E 746'FNL, 2223'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 SET SURFACE
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon CSG
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

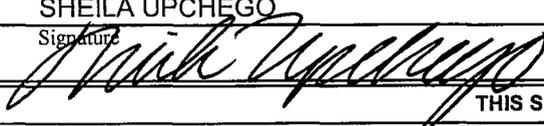
13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical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

MIRU BILL MARTIN AIR RIG ON 01/03/2008. DRILLED 12 1/4" SURFACE HOLE TO 2130'. 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/600 SX PREM CLASS G @15.8 PPG 1.15 YIELD. GOOD RETURNS. GOOD CMT TO SURFACE HOLE STAYED FULL.

WORT.

RECEIVED
JAN 15 2008
DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed) SHEILA UPCHEGO	Title SENIOR LAND ADMIN SPECIALIST
Signature 	Date January 7, 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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Serial No.
UTU-37355

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
BONANZA 1023-17C

9. API Well No.
4304738237

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)
NE/NW SEC. 17, T10S, R23E 746'FNL, 2223'FWL

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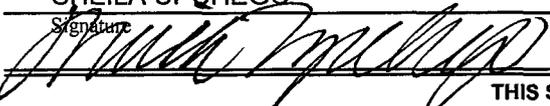
TYPE OF SUBMISSION	TYPE OF ACTION			
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<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other FINAL DRILLING OPERATIONS
	<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	

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FINISHED DRILLING FROM 2130' TO 8035' ON 02/20/2008. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/460 SX PREM LITE II @12.3 PPG 2.19 YIELD. TAILED CMT W/1100 SX 50/50 POZ @ 14.3 PPG 1.31 YIELD. DROP PLUG & DISPLACE W/125 BBLs CLAY TREAT + 1 GAL MAGNACIDE @8.3 PPG BUMP PLUG W/2207 PSI 16 BBLs CMT BACK & LOST RETURNS BLEED OFF 1.5 BBLs SET MANDREL W/60K STRING WT TEST MANDREL TO 5000 PSI NIPPLE DOWN BOP CHLORINE TABS DOWN CSG INSTALL NIGHT CAP CLEAN MUD PITS.

RELEASED PIONEER RIG 68 ON 02/21/2008 AT 1800 HRS.

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

Name (Printed/Typed) SHEILA UPCHEGO	Title SENIOR LAND ADMIN SPECIALIST
Signature 	Date February 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	

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(Instructions on reverse)

RECEIVED

FEB 25 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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4304738237

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)
NE/NW SEC. 17, T10S, R23E 746'FNL, 2223'FWL

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

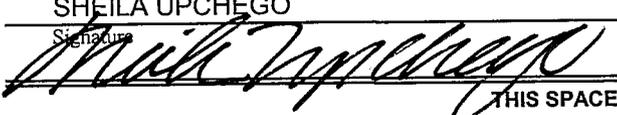
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> 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 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 SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 03/26/2008 AT 1:56 PM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

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

Name (Printed/Typed) SHEILA UPCHEGO	Title SENIOR LAND ADMIN SPECIALIST
Signature 	Date March 31, 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)

RECEIVED

APR 15 2008

DIV. OF OIL, GAS & MINING

Wins No.: 95648

BONANZA 1023-17C

Well Operations Summary Long

Operator KERR-MCGEE OIL & GAS ONSHORE LP	FIELD NAME NATURAL BUTTES	SPUD DATE 12/26/2007	GL 5,252	KB 5270	ROUTE
API 4304738237	STATE UTAH	COUNTY UINTAH	DIVISION ROCKIES		
Long/Lat.: 39.95420 / -109.35218	Q-Q/Sec/Town/Range: NENW / 17 / 10S / 23E	Footages: 145.00' FNL 2,223.00' FWL			

Wellbore: BONANZA 1023-17C

MTD 8,035	TVD 8,028	PBMD	PBTVD
EVENT INFORMATION:	EVENT ACTIVITY: DRILLING	START DATE: 12/26/2007	
	OBJECTIVE: DEVELOPMENT	END DATE: 2/21/2008	
	OBJECTIVE 2:	DATE WELL STARTED PROD.: '	
	REASON:	Event End Status: COMPLETE	

RIG OPERATIONS:	Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
BILL JRS RATHOLE DRILLIN	01/03/2008	01/03/2008	01/03/2008	01/05/2008	01/05/2008	01/05/2008	01/05/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
12/26/2007							
SUPERVISOR: LEW WELDON							
	0:00 - 11:00	11.00	DRLCON	12		P	WAIT ON PETE MARTIN BUCKET RIG
	11:00 - 17:00	6.00	DRLCON	02		P	MOVE IN AND RIG UP BUCKET RIG SPUD WELL @ 1100 HR 12/26/07 DRILL AND SET 40' OF SCHEDULE 10 PIPE DRILL RODENT HOLES FOR RIG 68 BLM AND STATE NOTIFIED OF SPUD
	17:00 - 0:00	7.00	DRLCON	12		P	WOAR
1/3/2008							
SUPERVISOR: LEW WELDON							
	0:00 - 0:00	24.00	DRLSUR	02	A	P	SPUD WELL 1/3/2008 @ 06:00 DRILL TO 1000' AND DRILL AHEAD
1/4/2008							
SUPERVISOR: LEW WELDON							
	0:00 - 0:00	24.00	DRLSUR	02	A	P	DRILL F/ 1000'-1920' WATER AT 1380' DRILLING AHEAD
1/5/2008							
SUPERVISOR: LEW WELDON							
	0:00 - 3:00	3.00	DRLSUR	05		P	TRIP DP OUT OF HOLE
	3:00 - 7:00	4.00	DRLSUR	11		P	RUN 2082' OF 9 5/8 CSG AND 200' OF 1" PIPE RIG DOWN AIR RIG
	7:00 - 8:00	1.00	DRLSUR	15		P	CEMENT 1ST STAGE WITH 300 SKS TAIL @ 15.8# 1.15 5.0 GAL SK NO RETURNS TO PIT 100 PSI LIFT
	8:00 - 8:30	0.50	DRLSUR	15			1ST TOP JOB 150 SKS DOWN BS WOC

8:00 - 8:30	0.50	DRLSUR	15			1ST TOP JOB 150 SKS DOWN BS WOC
8:30 - 10:30	2.00	DRLSUR	15	P		2ND TOP JOB 150 SKS DOWN BS WOC
10:30 - 12:30	2.00	DRLSUR	15	P		3RD TOP JOB 150 SKS DOWN BS WOC
12:30 - 14:30	2.00	DRLSUR	15	P		4TH TOP JOB 150 SKS DOWN BS GOOD CMT TO SURFACE AND STAYED AT SURFACE
14:30 - 0:00	9.50	DRLSUR	12	P		NO VISIBLE LEAKS PIT + - 1/2 FULL WORT

2/10/2008

SUPERVISOR: TIM OXNER

16:30 - 0:00	7.50	DRLPRO	01	E	P	RIGGING DOWN TO MOVE TO BONANZA 1023-17K
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2/11/2008

SUPERVISOR: TIM OXNER

0:00 - 7:30	7.50	DRLPRO	01	E	P	RIG DOWN TO MOVE TO BONANZA 1023-17C
7:30 - 11:00	3.50	DRLPRO	01	A	P	MOVE RIG
11:00 - 15:30	4.50	DRLPRO	16	C	Z	SIDE OF ROAD BROKE CAUSING L & S TRUCK HAULING CARRIER TO SLIDE OFF ROAD.HAD TO RE CUT NEW ROAD AROUND CARRIER.CALLED IN 200 TON CRANE & PICKED UP TRUCK & CARREIR W/ 2 CRANES & SET BACK UP ON ROAD.BLM NOTAFIED FOR OK ON CUTTING ROAD.
15:30 - 18:00	2.50	DRLPRO	01	A	P	MOVE RIG
18:00 - 0:00	6.00	DRLPRO	12	D	S	WAITING ON DAYLIGHTS

2/12/2008

SUPERVISOR: TIM OXNER

0:00 - 7:30	7.50	DRLPRO	12	D	P	WAITING ON DAYLIGHTS
7:30 - 0:00	16.50	DRLPRO	01	A	P	MOVE RIG,SET RIG,RAISE DERRICK,SCOPE SUB & DERRICK.RIGGING UP

2/13/2008

SUPERVISOR: TIM OXNER

0:00 - 14:00	14.00	DRLPRO	01	B	P	RIGGING UP
14:00 - 21:00	7.00	DRLPRO	13	A	P	NIPPLE UP BOP,CHOKE LINE,ROTATING HEAD,FLOWLINE,GAS BUSTER LINES & FLARE LINES

Wins No.: 95648

BONANZA 1023-17C

API No.: 4304738237

21:00 - 0:00	3.00	DRLPRO	13	C	P	HELD SAFETY MEETING.RIG UP B&C QUICKTEST. TEST PIPE,BLIND,CHOKE VALVES & ALL FLOOR RELATED VALVES 250-5000 PSI. TEST HYDRIL 250-2500 PSI. TEST CSG @ 1500 PSI & HOLD FOR 30 MIN.
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2/14/2008

SUPERVISOR: TIM OXNER

0:00 - 2:00	2.00	DRLPRO	13	C	P	TESTING BOP
2:00 - 8:00	6.00	DRLPRO	05	A	P	STRAP BHA,HELD SAFETY MEETING,RIG UP T-REX & PICK UP BHA & 43 JTS DP TO 1948.74 RIG DOWN T-REX
8:00 - 10:00	2.00	DRLPRO	06	D	P	SLIP & CUT DRLG LINE
10:00 - 11:30	1.50	DRLPRO	08	E	P	KELLY UP,INSTALL ROTATING HEAD & DO PRE SPUD RIG INSPECTION & EVALUATION.
11:30 - 14:00	2.50	DRLPRO	02	F	P	DRLG CEMENT,FLOAT ,SHOE & 29' PRE DRILLED HOLE TO 2130'
14:00 - 15:30	1.50	DRLPRO	02	A	P	DRLG F/ 2130' - 2212'. 82' TOTAL @ 54.6' HR
15:30 - 16:00	0.50	DRLPRO	09	A	P	SURVEY @ 2133' 2.18 DEG
16:00 - 23:30	7.50	DRLPRO	02	A	P	DRLG F/ 2212' - 2718'. 503' TOTAL @ 67.0' HR
23:30 - 0:00	0.50	DRLPRO	09	A	P	SURVEY @ 2639' 1.90 DEG

2/15/2008

SUPERVISOR: TIM OXNER

0:00 - 6:30	6.50	DRLPRO	02	A	P	DRLG F/ 2718' - 3225'. 507' TOTAL @ 78' HR
6:30 - 7:00	0.50	DRLPRO	09	A	P	SURVEY @ 3146' 2.20 DEG
7:00 - 12:30	5.50	DRLPRO	02	A	P	DRLG F/ 3225' - 3731'. 506' TOTAL @ 92' HR
12:30 - 13:00	0.50	DRLPRO	09	A	P	SURVEY @ 3652'. 1.92 DEG
13:00 - 16:00	3.00	DRLPRO	02	A	P	DRLG F/ 3731' - 4016'. 285' TOTAL @ 95' HR
16:00 - 16:30	0.50	DRLPRO	06	A	P	RIG SERVICE
16:30 - 0:00	7.50	DRLPRO	02	A	P	DRLG F/ 4016' - 4618'. 602' TOTAL @ 80.2' HR. 34 VIS / 9.2 MW

Wins No.: 95648

BONANZA 1023-17C

API No.: 4304738237

16:30 - 0:00 7.50 DRLPRO 02 A P DRLG F/ 4016' - 4618'. 602' TOTAL @ 80.2' HR. 34 VIS / 9.2 MW

2/16/2008

SUPERVISOR: TIM OXNER

0:00 - 1:30 1.50 DRLPRO 02 A P DRLG F/ 4618' - 4744'. 126' TOTAL @ 84' HR

1:30 - 2:00 0.50 DRLPRO 09 A P SURVEY @ 4665' 1.81 DEG

2:00 - 16:00 14.00 DRLPRO 02 A DRLG F/ 4744' - 5694'. 950 TOTAL @ 67.8' HR

16:00 - 16:30 0.50 DRLPRO 06 A P RIG SERVICE

16:30 - 17:30 1.00 DRLPRO 02 A P DRLG F/ 5694' - 5757'. 63' TOTAL @ 63.0' HR

17:30 - 18:00 0.50 DRLPRO 09 A P SURVEY @ 5676' 4.63 DEG

18:00 - 18:30 0.50 DRLPRO 02 A P DRLG F/ 5757' - 5789'. 32' TOTAL @ 64.0' HR

18:30 - 19:00 0.50 DRLPRO 09 A P SURVEY @ 5710'. 4.67 DEG

19:00 - 0:00 5.00 DRLPRO 02 A P DRLG F/ 5789' - 5947'. 158' TOTAL @ 31.8' HR. FEATHER
DRILLING FOR DEVIATION. 38 VIS / 9.9 MW

2/17/2008

SUPERVISOR: TIM OXNER

0:00 - 3:00 3.00 DRLPRO 02 A P DRLG F/ 5947' - 6042'. 95' TOTAL @ 31.6' HR

3:00 - 3:30 0.50 DRLPRO 09 A P SURVEY @ 5964' 4.26 DEG

3:30 - 7:00 3.50 DRLPRO 02 A P DRLG F/ 6042' - 6137'. 95' TOTAL @ 27.1' HR

7:00 - 7:30 0.50 DRLPRO 06 A P RIG SERVICE

7:30 - 10:00 2.50 DRLPRO 02 A P DRLG F/ 6137' - 6295' 158' TOTAL @ 63.2' HR

10:00 - 10:30 0.50 DRLPRO 09 A P SURVEY @ 6216' 3.47 DEG

10:30 - 22:00 11.50 DRLPRO 02 A P DRLG F/ 6295' - 6801'. 506' TOTAL @ 44.0' HR

22:00 - 22:30 0.50 DRLPRO 09 A P SURVEY @ 6722'. 3.01 DEG

22:30 - 0:00 1.50 DRLPRO 02 A P DRLG F/ 6801' - 6851'. 50' TOTAL @ 33.3' HR

22:30 - 0:00 1.50 DRLPRO 02 A P DRLG F/ 6801' - 6851'. 50' TOTAL @ 33.3' HR

2/18/2008

SUPERVISOR: TIM OXNER

0:00 - 7:00 7.00 DRLPRO 02 A P DRLG F/ 6851' - 7117'. 316' TOTAL @ 45.1' HR

7:00 - 8:00 1.00 DRLPRO 04 C P CIRCULATE FOR TRIP

8:00 - 13:00 5.00 DRLPRO 05 A P TOOH,LAYDOWN MOTOR & BIT.

13:00 - 18:30 5.50 DRLPRO 05 A P PICK UP BIT SUB W/ FLOAT,BIT & TIH

18:30 - 19:00 0.50 DRLPRO 03 E P WASH & REAM 32' TO BOTTOM. NO FILL

19:00 - 0:00 5.00 DRLPRO 02 A P DRLG F/ 7117' - 7305'. 188' TOTAL @ 37.6' HR

2/19/2008

SUPERVISOR: TIM OXNER

0:00 - 1:00 1.00 DRLPRO 02 A P DRLG F/ 7305' -7337'. 32' TOTAL @ 32.0' HR

1:00 - 1:30 0.50 DRLPRO 06 A P RIG SERVICE

1:30 - 16:30 15.00 DRLPRO 02 A P DRLG F/ 7337' - 7842'. 505' TOTAL @ 33.6' HR. MAINTAINING 3500-4200 UNITS BACK GROUND GAS W/11.9 MW. RAISING MUD WT & MIXING LCM FOR HOLE SEAPAGE.

16:30 - 17:00 0.50 DRLPRO 04 B S CIRC, MIX LCM,PULL SHAKER SCREENS,RAISING MUD WT TO 12.0 LCM @ 6% STILL MAINTAINING 1300-1500 UNITS BACK GROUND GAS. RAISING MUD WT TO 12.2 W/ 6% LCM

17:00 - 0:00 7.00 DRLPRO 02 A P BACKED STKS OFF TO 100 SPM,DRLG F/ 7842' - 8020'. 178' TOTAL @ 25.4' HR. 45 VIS/ 12.8 MW. 6% LCM. 25-50 UNITS BACK GROUND GAS.

2/20/2008

SUPERVISOR: TIM OXNER

0:00 - 1:00 1.00 DRLPRO 02 A P DRLG F/ 8020' - 8035' 15' TOTAL @ 15' HR.

1:00 - 2:30 1.50 DRLPRO 04 A P CIRCULATE & MIX PILL F/ SHORT TRIP

2:30 - 3:30 1.00 DRLPRO 07 A S # 1 & # 2 LIGHT PLANTS DOWN.

3:30 - 4:00 0.50 DRLPRO 04 A P CIRC & PUMP PILL.

4:00 - 5:30	1.50	DRLPRO	05	E	P	SHORT TRIP 16 STDS TO 7037'
5:30 - 7:30	2.00	DRLPRO	04	A	P	CIRCULATE . 4500 UNITS TRIP GAS
7:30 - 18:30	11.00	DRLPRO	05	B	P	LDDP TO RUN LOGGS.
18:30 - 23:00	4.50	DRLPRO	08	F	P	RUN TRIPLE COMBO F/ 8031' TO SHOE & GR F/ SHOE TO SURFACE
23:00 - 0:00	1.00	DRLPRO	11	A	P	RIG UP T-REX CASING CREW

2/21/2008
SUPERVISOR: TIM OXNER

0:00 - 7:30	7.50	DRLPRO	11	B	P	RUN 4.5 PRODUCTION CSG. TAG @ 8031' LAYDOWN TAG JT,PICK UP MANDREL & PUP.
7:30 - 10:00	2.50	DRLPRO	04	E	P	RIG UP BJ HEAD & CIRC W/ RIG MUD PUMP THRU BUSTER.3800' BOTTOMS UP GAS.RIGGING UP BJ.
10:00 - 12:30	2.50	DRLPRO	15	A	P	HELD SAFETY MEETING.SWITCH LINES TO BJ & TEST LINES TO 4500 PSI. SPACER 20 BBLs MUD CLEAN @ 8.3 PPG // SCAVENGER SLURRY 20 SACKS PL2+8%GEL+3%KCL+5#KOL+0.5SMS+0.25#C@ 11.0 PPG,3.32cf/SACK YIELD // LEAD SLURRY 460 SACKS PL2+8%GEL+3%KCL+5#KOL+0.5%SMS+0.25#CF @ 12.3 PPG,2.19cf/SACK // TAIL SLURRY 1100 SACKS 50:50:2+10%NaCl+0.2%R-3+0.05#SF+0.002FP-6L @ 14.3 PPG,1.31cf/SACK YIELD // DROP PLUG & DISPLACE W/ 125 BBLs CLAYTREAT + 1 GL MAGNACEDE @ 8.3 PPG // BUMP PLUG W/ 2207 PSI // 16 BBLs CMT BACK & LOST RETURNS // BLEED OFF 1.5 BBLs
12:30 - 13:00	0.50	DRLPRO	13	B	P	SET MANDREL W/ 60K STRING WT,TEST MANDREL TO 5000 PSI.RIG DOWN BJ.
13:00 - 18:00	5.00	DRLPRO	13	A	P	NIPPLE DOWN BOP,20 CHLORINE TABS DOWN CSG,INSTALL NIGHT CAP. CLEAN MUD PITS. RELEASE RIG @ 1800. 2-21-08

EVENT INFORMATION:	EVENT ACTIVITY: COMPLETION	START DATE: 3/15/2008
	OBJECTIVE: CONSTRUCTION	END DATE: 3/18/2008
	OBJECTIVE 2: ORIGINAL	DATE WELL STARTED PROD.:
	REASON: MV	Event End Status: COMPLETE

RIG OPERATIONS: Begin Mobilization Rig On Location Rig Charges Rig Operation Start Finish Drilling Rig Release Rig Off Location

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
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3/15/2008
SUPERVISOR: TIM OXNER

EVENT INFORMATION:	EVENT ACTIVITY: COMPLETION	START DATE: 3/20/2008
	OBJECTIVE: DEVELOPMENT	END DATE: 3/25/2008
	OBJECTIVE 2: ORIGINAL	DATE WELL STARTED PROD.: 12/26/2007
	REASON: MV	Event End Status: COMPLETE

RIG OPERATIONS:	Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
		03/20/2008					03/26/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
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3/20/2008							
SUPERVISOR: BRAD BURMAN							
	7:00 - 7:30	0.50	COMP	48		P	JSA#1
	7:30 - 19:00	11.50	COMP	30	A		7AM [DAY 1] JSA
MIRU LAST NIGHT. SPOT EQUIPMENT. NDWH, NUBOP. R/U FLOOR & TBG EQUIPMENT. P/U 3-7/8" MILL & 254 JTS NEW 2-3/8" J-55 TBG & RIH. [SLM] TBG WAS DRIFTED. TAG PBTD @ 7977'. R/U PMP & CIRCULATE WELL CLN W/ 110 BBLs T.R.W. R/D PMP. POOH & L/D 15 JTS ON FLOAT. CONTINUE POOH STDG BACK TBG. L/D MILL. N/D FLOOR & TBG EQUIPMENT. NDBOP, NU FRAC VALVES. MIRU DOUBLE JACK. P.T. CSG & FRAC VALVES TO 7500#. RDMO DBL JACK. 7 PM SWI-SDF-HOL-WE. PREP TO FRAC W/ BJ ON MONDAY 3/24/08							

3/24/2008							
SUPERVISOR: BRAD BURMAN							
	6:00 - 6:30	0.50	COMP	48		P	HLD BJ JSA

6:30 - 19:00 12.50 COMP 36

P 6AM [DAY 2] MIRUBJ & CUTTERS. HLD BJ JSA

[STG#1] RIH W/ PERF GUNS & PERF THE M.V. @ 7788'-7790', 7854'-7858' & 7919'-7924' USING 3-3/8" EXP GUN, 23 GM, 0.36, 90° PHS, 4 SPF, [44 HLS] P.T. SURFACE LINES TO 8550#. WHP=300#. BRK DN PERFS @ 5623# @ 4 BPM. ISIP=2670#, F.G.=.78. PMP'D 3 BBLS 15% HCL AHEAD OF INJ. CALC 39/44 PERFS OPEN. PMP'D 987 BBLS SLK WTR & 30,072# 30/50 SD W/ 5000# RESIN COAT SD @ TAIL. ISIP=2360, F.G.=.75, NPI=NEG 310, MP=5301, MR=52, AP=4634, AR=52 BPM.

[STG#2] RIH W/ BAKER 8K CBP & PERF GUN. SET CBP @ 7604'. PERF THE M.V. @ 7437'-7440', 7536'-7540', 3 SPF, 120° PHS & 7569'-7574', 4 SPF, 90° PHS USING 3-3/8" EXP GUN, 23 GM, 0.36, [41 HLS] WHP=660#. BRK DN PERFS @ 4025# @ 5 BPM. ISIP=2300#, F.G.=.75. CALC ALL PERFS OPEN. PMP'D 1821 BBLS SLK WTR & 67,447# 30/50 SD W/ 5000# RESIN COAT SD @ TAIL. ISIP=2530, F.G.=.78, NPI=230, MP=5029, MR=54, AP=4522, AR=53 BPM.

[STG#3] RIH W/ BAKER 8K CBP & PERF GUN. SET CBP @ 7350'. PERF THE M.V. @ 7217'-7220', 7290'-7294' & 7316'-7320' USING 3-3/8" EXP GUN, 23 GM, 0.36, 90° PHS, 4 SPF, [44 HLS] WHP=2120#. BRK DN PERFS @ 2729# @ 5 BPM. ISIP=2190, F.G.=.75, CALC 34/44 PERFS OPEN. PMP'D 3145 BBLS SLK WTR & 120,182# 30/50 SD W/ 5000# RESIN COAT SD @ TAIL. ISIP=1900, F.G.=.71, NPI=NEG 290, MP=4867, MR=54, AP=4182, AR=52 BPM.

[STG#4] RIH W/ BAKER 8K CBP & PERF GUN. SET CBP @ 7100'. PERF THE M.V. @ 6935'-6938', 3 SPF, 120° PHS, 6988'-6992' & 7065'-7070' 4 SPF, 90° PHS USING 3-3/8" EXP GUN, 23 GM, 0.36, [45 HLS] WHP=200#. BRK DN PERFS @ 4921# @ 4 BPM. ISIP=1575, F.G.=.67. CALC 33/45 PERFS OPEN. PMP'D 3138 BBLS SLK WTR & 119,961# 30/50 SD W/ 5000# RESIN COATSD @ TAIL. ISIP=1725, F.G.=.69, NPI=150, MP=4610, MR=54, AP=3994, AR=54

[STG#5] RIH W/ BAKER 8K CBP & PERFGUNS. SET CBP @ 6856'. PERF THE M.V. @ 6648'-6653', 3 SPF, 120° PHS. LEAVE GUNS IN HOLE DURING IFIT. WHP=1716#. BRK DN PERFS @ 7122 @ 4 BPM. ISIP=1720, F.G.=.70. 5 MIN=914#, 10 MIN=816#, 15 MIN=753#. PERF THE REMAINING M.V. @ 6816'-6820' & 6824'-6826', 4 SPF, 90° PHS USING 3-3/8 EXP GUN, 23 GM, 0.36, [39 HLS] POOH W/ SPENT GUNS. WHP=450#. BRK DN PERFS @ 3977# @ 5 BPM. ISIP=1750, F.G.=.69. UNUSAL HIGH PSI @ BEGING OF FRAC. LOST PSI AS BTM HOLE SAND RATIO INCREASED. PMP'D 1693 BBLS SLK WTR & 63,486# 30/50 SD W/ 5000# RESIN COAT SD @ TAIL. ISIP=1800, F.G.=.71, NPI=50, MP=6970, MR=51, AP=5770, AR=50 BPM.

[KILL PLUG] RIH W/ BAKER 8K CBP & SET @ 6598'. POOH & L/D WIRELINE TOOLS. RDMO CUTTERS & BJ. TOTAL 30/50 & RESIN COAT SD=401148# & TOTAL FLUID=10784 BBLS.

7 PM SWI-SDFN. PREP TO DRILL OUT 5 CBP'S IN AM.

3/25/2008

SUPERVISOR: BRAD BURMAN

7:00 - 7:30

0.50

COMP

48

P

JSA#5

7:30 - 18:00 10.50 COMP 44

P 7AM [DAY 3] JSA#5

N/D FRAC VALVES.NUBOP. R/U FLOOR & TBG EQUIPMENT. P/U 3-7/8" BIT, POBS W/ X NIPPLE & RIH OUT OF DERRICK ON 2-3/8" TBG. TAG SD @ 6558'. R/U SWWL & PMP. ESTB CIRC W/ TRW. P.T. BOP TO 3000#. C/O 30' SD TO CBP#1 @ 6598'.

[DRLG CBP#1] @ 6598'. DRILL OUT BAKER 8K CBP IN 25 MIN. 50# DIFF. RIH, TAG SD @ 6836'. C/O 20' SD. FCP=25#.

[DRLG CBP#2] @ 6856'. DRILL OUT BAKER 8K CBP IN 5 MIN. 100# DIFF. RIH, TAG SD @ 6985'. C/O 115' SD. FCP=50#.

[DRLG CBP#3] @ 7100'. DRILL OUT BAKER 8K CBP IN 7 MIN. 100# DIFF. RIH, TAG SD @ 7320' C/O 30' SD. FCP=250#.

[DRLG CBP#4] @ 7350' DRILL OUT BAKER 8K CBP IN 5 MIN. 50# DIFF. RIH, TAG SD @ 7564'. C/O 40' SD. FCP=300#.

[DRLG CBP#5] @ 7604'. DRILL OUT BAKER 8K CBP IN 10 MIN. 200# DIFF. RIH, TAG SD @ 7927'. C/O 50' SD TO PBTD @ 7977'. CIRC WELLCLN. R/D SWWL. POOH & L/D 26 JTS ON FLOAT. LAND TBG ON HANGER W/ 228 JTS NEW 2-3/8" J-55 TBG. EOT @ 7180.24' & POBS W/ XN NIPPLE @ 7178.04'. AVG 10 MIN/PLUG & C/O 295' SD. R/D FLOOR & TBG EQUIPMENT. NDBOP, NUWH. DROP BALL DN TBG & PMP OFF THE BIT @ 0000#. WAIT 30 MIN FOR BIT TO FALL TO BTM. OPEN WELL TO FBT ON 20/64 CHOKE. FTP=1300, SICP=1550#.
5 PM TURN WELL OVER TO FBC. LTR @ 5 PM=9224 BBLS. RACK EQUIPMENT. R/D RIG.
5:30 PM SDFN

NOTE:
263 JTS DELIVERED
228 LANDED
35 RETURNED

3/26/2008

SUPERVISOR: MARK BONNIE

7:00 -

COMP

33

A

P

FLOWBACK REPORT: CP 2300#, TP 1675#, CK 20/64", 52 BWPH, LIGHT SAND, MED GAS
TTL BBLS RECOVERED: 2323
BBLS LEFT TO RECOVER: 8461

3/27/2008

SUPERVISOR: MARK BONNIE

7:00 -

COMP

33

A

P

FLOWBACK REPORT: CP 3000#, TP 2025#, CK 20/64", 33 BWPH, LIGHT SAND, HEAVY GAS
TTL BBLS RECOVERED: 3210
BBLS LEFT TO RECOVER: 7574

10:00 -

PROD

P

ON SALES @ 10:00 AM 3/27/2008 - FTP 2000#, FCP 3000#, 20/64" CK, 2000 MCFD, 792 BWPD

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-37355

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 1023-17C

4. Location of Well (Report locations clearly and in accordance with Federal requirements)*
At surface **NE/NW 746'FNL, 2223'FWL**

9. API Well No.
4304738237

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. 17, T10S, R23E**

14. Date Spudded **12/26/07**
15. Date T.D. Reached **02/20/08**
16. Date Completed D & A Ready to Prod. **03/26/08**

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

17. Elevations (DF, RKB, RT, GL)*
5252'GL

18. Total Depth: MD **8035'** TVD
19. Plug Back T.D.: MD **7977'** TVD
20. Depth Bridge Plug Set: MD TVD

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

CBL-CCL-GR, SD, DGN, ACTR

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

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#		2130'		900 SX			
7 7/8"	4 1/2"	11.6#		8035'		1560 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"	7180'							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	6648'	7924'	6648'-7924'	0.36	213	OPEN
B)						
C)						
D)						

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MAY 02 2008

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

Depth Interval	Amount and type of Material
6648'-7924'	PMP 10,784 BBLs SLICK H2O & 401,148# 30/50 SD

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
03/26/08	4/1/008	24	→	0	2,469	360			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
16/64	1552#	1834#	→	0	2469	360			PRODUCING GAS WELL

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	3931' 5944'	5944'			

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 04/21/08

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-37355
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 1023-17C
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047382370000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6515 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0746 FNL 2223 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 17 Township: 10.0S Range: 23.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES 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: 5/2/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Subsurface Commingling"/>

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

The operator requests authorization to re-complete the subject well location. The operator proposed to re-complete the Wasatch formation. The operator also requests authorization to commingle the newly Wasatch and existing Mesaverde formations. Please refer to the attached re-completion procedures.

Accepted by the Utah Division of Oil, Gas and Mining

Date: 05/09/2011

By: *Derek Quist*

NAME (PLEASE PRINT) Gina Becker	PHONE NUMBER 720 929-6086	TITLE Regulatory Analyst II
SIGNATURE N/A	DATE 5/2/2011	



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 43047382370000

Authorization: Board Cause No. 179-14 .

Greater Natural Buttes Unit



BONANZA 1023-17C
RE-COMPLETIONS PROCEDURE

DATE:3/29/11
AFE#:
API#:4304738237
USER ID:JVN975 (Frac Invoices Only)

COMPLETIONS ENGINEER: Michael Sollee, Denver, CO
(720)-929-6057 (Office)
(832)-859-0515 (Cell)

SIGNATURE:

ENGINEERING MANAGER: JEFF DUFRESNE

SIGNATURE:

REMEMBER SAFETY FIRST!

Name: Bonanza 1023-17C
Location: NE NW Sec 17 T10S R23E
Uintah County, UT
Date: 3/29/11

ELEVATIONS: 5252' GL 5270' KB *Frac Registry TVD: 8028*

TOTAL DEPTH: 8035' **PBTD:** 7976'
SURFACE CASING: 9 5/8", 36# J-55 ST&C @ 2101'
PRODUCTION CASING: 4 1/2", 11.6#, I-80 LT&C @ 8021'
 Marker Joint **3849-3870'**

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:

980' Green River Top
 1242' Bird's Nest Top
 1604' Mahogany Top
 3931' Wasatch Top
 5987' Mesaverde Top

BOTTOMS:

5987' Wasatch Bottom
 8035' Mesaverde Bottom (TD)

T.O.C. @ 120'

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 Halliburtons Induction-Density-Neutron log dated 2/20/2008
- **3** fracturing stages required for coverage.
- Procedure calls for **4** 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). Stage acid and scale inhibitor if necessary to cover the next perforated interval.

- **Call flush at 0 PPG @ inline densimeters. Slow to 5 bbl/min over last 10-20 bbls of flush. Flush to top perf.**
- **If distance between plug and top perf of previous stage is less than 50', it is considered to be tight spacing - over flush stage by 5 bbls (from top perf)**
- Service companies need to provide surface/production annulus pop-offs to be set for 500 psi for each frac.
- Pump 20/40 mesh **curable resin coated sand** last 5,000# of all frac stages
- Tubing Currently Landed @~7180
- Originally completed on 3/24/2008

Existing Perforations:

Zone	Top	Bottom	SPF	Shots
MESAVERDE	6648	6653	3	15
MESAVERDE	6816	6820	4	16
MESAVERDE	6824	6826	4	8
MESAVERDE	6935	6938	3	9
MESAVERDE	6988	6992	4	16
MESAVERDE	7065	7070	4	20
MESAVERDE	7217	7220	4	12
MESAVERDE	7290	7294	4	16
MESAVERDE	7316	7320	4	16
MESAVERDE	7437	7440	3	9
MESAVERDE	7536	7540	3	12
MESAVERDE	7569	7574	4	20
MESAVERDE	7788	7790	4	8
MESAVERDE	7854	7858	4	16
MESAVERDE	7919	7924	4	20

Relevant History:

Jun 2008—Slickline. Heavy scale from 7130-7165. Stacked out at 7935.

Dec 2008—Slickline. Stacked out at 7147. Could not get through EOT

Mar 2010—Slickline. Run scratcher to find tight spot. Beat down from 6779-6900. RIH w/ jdc and stacked out at 6900. Sample bailer stacked out at 6948.

Sept 2010—Slickline. Stacked out at 6998.

H2S History:

BONANZA 1023-17C

Date	H2S H2S_SEPARATO R_PPM
10/1/2008	4.00
11/1/2008	0.00
12/1/2008	0.00
1/1/2009	0.00
2/1/2009	0.00
3/1/2009	0.00
4/1/2009	0.00
5/1/2009	8.00
6/1/2009	4.00
7/1/2009	4.00
8/1/2009	4.00
9/1/2009	33.00
10/1/2009	4.00
11/1/2009	9.00
12/1/2009	30.00
1/1/2010	5.00
2/1/2010	6.00
3/1/2010	10.00
4/1/2010	10.00

PROCEDURE: (If using any chemicals for pickling tubing or H2S Scavenging, have MSDS for all chemicals prior to starting work.)

1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
2. TOOH with 2-3/8", 4.7#, J-55 (or N-80) tubing (currently landed at ~7180'). Visually inspect for scale and consider replacing if needed.
3. If tbg looks ok consider running a gauge ring to 6645. Otherwise P/U a mill and C/O to 6645.
4. Set 8000 psi CBP at ~ 6619'. ND BOPs and NU frac valves. Test frac valves and casing to 1000 and 3500 psi for 15 minutes each and to 7000 psi for 30 minutes. As per standard operating procedure install steel blowdown line to reserve pit from 4-1/2" X 8-5/8" annulus with pressure relief valve in line. Pressure relief will be set to release at 500 psig. Lock **OPEN** the Braden head valve. Annulus will be monitored throughout stimulation. If release occurs, stimulation will be shut down. Well conditions will be assessed and actions taken as necessary to secure the well. UDOGM will be notified if a release to the annulus occurs.
5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
MESAVERDE	6434	6437	4	12
MESAVERDE	6586	6589	4	12
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 ~6434' and trickle 250gal 15%HCL w/ scale inhibitor in flush .
7. Set 8000 psi CBP at ~5,957'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
WASATCH	5640	5641	4	4
WASATCH	5658	5659	4	4
WASATCH	5676	5678	4	8
WASATCH	5855	5857	4	8
8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~5640' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
9. Set 8000 psi CBP at ~5,467'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	5268	5269	4	4
WASATCH	5305	5306	4	4
WASATCH	5316	5317	4	4
WASATCH	5364	5367	4	12
10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~5268' trickle 250gal 15%HCL w/ scale inhibitor in flush.
11. Set 8000 psi CBP at~5,218'.

12. ND Frac Valves, NU and Test BOPs.
13. TIH with 3 7/8" bit, pump off sub, SN and tubing.
14. Drill plugs and clean out to PBTD. Shear off bit and land tubing at $\pm 7180'$ unless indicated otherwise by the well's behavior. The well will be commingled at this time.
15. Clean out well with foam and/or swabbing unit until steady flow has been established from completion.
16. **Leave surface casing valve open.** Monitor and report any flow from surface casing. RDMO

**For design questions, please call
Michael Sollee, Denver, CO
(720)-929-6057 (Office)
(832)-859-0515 (Cell)**

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

NOTES:

If using any chemicals for pickling tubing or H2S Scavenging, have MSDS for all chemicals prior to starting work

Verify that the Braden head valve is locked OPEN.

Total Stages	3	stages
Last Stage Flush	3439	gals

Service Company Supplied Chemicals - Job Totals

Friction Reducer	30	gals @	0.5	GPT
Surfactant	59	gals @	1.0	GPT
Clay Stabilizer	59	gals @	1.0	GPT
15% Hcl	750	gals @	250	gal/stg
Iron Control for acid	4	gals @	5.0	GPT of acid
Surfactant for acid	1	gals @	1.0	GPT of acid
Corrosion Inhibitor for acid	2	gals @	2.0	GPT of acid

Third Party Supplied Chemicals Job Totals - Include Pumping Charge if Applicable

Scale Inhibitor	197	gals pumped per schedule above
Biocide	30	gals @ 0.5 GPT

Name Bonanza 1023-17C
 Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	MESAVERDE	6434	6437	4	12	6430.5	to	6439.5
	MESAVERDE	6586	6589	4	12	6577	to	6592.5
	MESAVERDE							
	MESAVERDE							
	MESAVERDE							
	MESAVERDE							
	MESAVERDE							
	# of Perfs/stage				24	CBP DEPTH	5,957	
2	WASATCH	5640	5641	4	4	5632.5	to	5643
	WASATCH	5658	5659	4	4	5656.5	to	5659.5
	WASATCH	5676	5678	4	8	5670	to	5689.5
	WASATCH	5855	5857	4	8	5850	to	5861.5
	WASATCH							
	WASATCH							
	WASATCH							
	WASATCH							
# of Perfs/stage				24	CBP DEPTH	5,467		
3	WASATCH	5268	5269	4	4	5262	to	5274.5
	WASATCH	5305	5306	4	4	5304	to	5309.5
	WASATCH	5316	5317	4	4	5314	to	5318.5
	WASATCH	5364	5367	4	12	5351	to	5369
	WASATCH							
	WASATCH							
	WASATCH							
	WASATCH							
# of Perfs/stage				24	CBP DEPTH	5,218		
	Totals				72			

Acid Pickling and H2S Procedures (If Required)

****PROCEDURE FOR PUMPING ACID DOWN TBG**

WHEN FINDING SCALE IN TUBING THAT IS ACID SOLUBLE, ENSURE THAT PLUNGER EQUIPMENT IS REMOVED AND ABLE TO PUMP DOWN TBG. INSTALL A 'T' IN PUMP LINE W/2" VALVE THAT NALCO CAN TIE INTO. HAVE 60 BBL 2% KCL MIXED W/ 10-15 GAL H2S SCAVENGER IN RIG FLAT TANK. (WE USED THE RIG FLAT TANK FOR MIXING CHEMICAL SO WE DIDN'T HAVE THE CHEMICAL IN ALL FLUIDS ON LOCATION, ONLY WHAT WE NEEDED TO PUMP DOWN HOLE)

1. PUMP 5-10 BBL 2% KCL DOWN TBG (NALCO CANNOT PUMP AGAINST PRESSURE)
2. NALCO WILL PUMP 3 DRUMS HCL (31%) INTO PUMP LINE.
3. FLUSH BEHIND ACID WITH 10-15 BBL 2% KCL
4. PUMP 2—30 BBL 2% W/ H2S SCAVENGER DOWN TBG.
5. PUMP REMAINDER OF 2% W/ H2S SCAVENGER DOWN CASING AND SHUT WELL IN FOR MINIMUM OF 2 HRS.
6. OVER DISPLACE DOWN TBG AND CSG TO FLUSH ACID AND SCAVENGER INTO FORMATION
7. MONITOR TUBING FOR FLOW AND CASING FOR H2S NOW AS POOH W/ TUBING.

**** PROCEDURE FOR PUMPING H2S SCAVENGER WITHOUT ACID**

PRIOR TO RIG MOVING ON OR AS RIG PULLS ONTO LOCATION. TEST CASING, TUBING AND SEPARATOR FOR H2S. IF FOUND MAKE SURE THAT PLUNGER SYSTEM IS REMOVED (IT IS POSSIBLE TO PUMP AROUND PLUNGERS BUT SOME WILL HAVE A STANDING VALVE IN SEATING NIPPLE).

1. MIX 10-15 GAL H2S SCAVENGER WITH 60-100 BBL 2% KCL IN RIG FLAT TANK.
2. PUMP 25 BBL MIXTURE DOWN TUBING AND REST DOWN CASING. SHUT WELL IN FOR 2 HOURS.
3. IF WELL HAS PRESSURE AFTER 2 HOURS – RETEST CASING AND TUBING FOR H2S.
4. FLUSH TUBING AND CASING PUSHING H2S SCAVENGER INTO FORMATION.
5. MONITOR TUBING FOR FLOW AND CASING FOR H2S NOW AS POOH W/ TUBING.

** As per APC standard operating procedure, APC foreman will verify ALL volumes pumped and record on APC Volume Report Form

Key Contact information

Completion Engineer

Michael Sollee: 832-859-0515, 720-929-6057

Production Engineer

Kyle Bohannon: 804-512-1985, 435-781-7068

Completion Supervisor Foreman

Jeff Samuels: 435-828-6515, 435-781-7046

Completion Manager

Jeff Dufresne: 720-929-6281, 303-241-8428

Vernal Main Office

435-789-3342

Emergency Contact Information—Call 911

Vernal Regional Hospital Emergency: 435-789-3342

Police: (435) 789-5835

Fire: 435-789-4222

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Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DIV. OF OIL, GAS & MINING

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU37355

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

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: JAIME L. SCHARNOWSKE
Mail: JAIME.SCHARNOWSKE@ANADARKO.COM

8. Lease Name and Well No.
BONANZA 1023-17C

3. Address PO BOX 173779
DENVER, CO 80217

3a. Phone No. (include area code)
Ph: 720-929-6304

9. API Well No.
43-047-38237

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface NENW 746FNL 2223FWL
At top prod interval reported below NENW 746FNL 2223FWL
At total depth NENW 746FNL 2223FWL

10. Field and Pool, or Exploratory
NATURAL BUTTES

11. Sec., T., R., M., or Block and Survey
or Area Sec 17 T10S R23E Mer SLB

12. County or Parish
UINTAH 13. State
UT

14. Date Spudded
12/26/2007

15. Date T.D. Reached
02/20/2008

16. Date Completed
 D & A Ready to Prod.
11/17/2011

17. Elevations (DF, KB, RT, GL)*
5252 GL

18. Total Depth: MD 8035
TVD

19. Plug Back T.D.: MD 7977
TVD

20. Depth Bridge Plug Set: MD
TVD

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

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	7178							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	5268	5857	5268 TO 5857	0.360	48	OPEN
B) MESAVERDE	6434	6589	6434 TO 6589	0.360	24	OPEN
C) MESAVERDE	6648	7924	6648 TO 7924	0.360	213	OPEN
D)						

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

Depth Interval	Amount and Type of Material
5268 TO 6589	PUMP 2,178 BBLs SLICK H2O & 60,498 LBS 30/50 OTTAWA 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
11/17/2011	12/11/2011	24	→	0.0	339.0	57.0			FLows 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	444 SI	690.0	→	0	339	57		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	
			→						

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

ELECTRONIC SUBMISSION #129338 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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 BIRD'S NEST MAHOGANY WASATCH MESAVARDE	980 1242 1604 3931 5987

32. Additional remarks (include plugging procedure):

Attached is the chronological recompletion history and perforation report. Existing perforations were MV 6648-7924; new perforations are Wasatch 5268-5857 & MV 6434-6589; test information is from all perforations. Casing in the well is as previously reported on the original Completion Report.

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 #129338 Verified by the BLM Well Information System.
For KERR MCGEE OIL & GAS ONSHORE,L, sent to the Vernal**

Name (please print) JAIME L. SCHARNOWSKE Title REGULATORY ANALYST

Signature (Electronic Submission) Date 01/27/2012

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 1023-17C	Spud Conductor: 12/26/2007	Spud Date: 1/3/2008
Project: UTAH-UINTAH	Site: BONANZA 1023-17C PAD	Rig Name No: MILES 2/2
Event: RECOMPL/RESEREVEADD	Start Date: 10/10/2011	End Date: 11/11/2011
Active Datum: RKB @5,270.00usft (above Mean Sea Level)	UWI: 0/10/S/23/E/17/0/NENW/6/PM/N/146.00/W/0/2,223.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
11/4/2011	7:00 - 7:15	0.25	ALL	48		P		HSM, RU, POOH TBG
	7:15 - 9:00	1.75	ALL	47	A	P		MIRU, CONTROL WELL, W/ 20 BBLS, DN, TBG
	9:00 - 12:00	3.00	ALL	31	I	P		ND, WH, NU BOPS P.T #3000, 10 MIN PT. GOOD, 20 BBLS, DN, CGS, RU, FLOOR, TBG EQUIPMENT, POOH 228, JTS 2 3/8 J-55 TBG, L/D ON TRAILER 10 JTS FULL SCALE, 314'
	12:00 - 15:30	3.50	ALL	34	I	P		MIRU, J-W WIRELINE, RIH, W/ 4 1/2 GR & JB, 6645' POOH RIH W/ 8K CBP, SET @ 6615' POOH RDMO J-W WIRE LINE, ND, BOPS NU, FRAC VALVE, SWI SDFWND.
11/8/2011	7:00 - 7:30	0.50	COMP	48		P		PRESSURE TESTING
	7:30 - 7:30	0.00	COMP	45		P		NU FRAC VALVE, FILL CSG WITH T-MAC, RU B&C QUICK TEST, 1ST FEAC VALVE FAILED TO HOLD PSI, CALLED BLUE MT FOR ANOTHER FRAC VALVE, R&R FRAC VALVE RETEST, STAGE TEST, 1000# 15 MIN, 3500# 15 MIN, CSG-FRAC VALVE TO 6200#, 30 MIN. LOST 12# ON 30 MIN TEST.RD B&C, SWIFN
11/9/2011	7:30 - 7:30	0.00	COMP	37		P		RU JW WIRELINE PERF 1 ST STAGE, WAIT ON FRAC CREW
	11:14 - 7:30		COMP	48		P		RU JW WIRELINE PERF 1 ST STAGEPER PROCEDURE, WAIT ON FRAC CREW,SWIFN
11/10/2011	7:00 - 7:30	0.50	COMP	48		P		FRACING

US ROCKIES REGION
Operation Summary Report

Well: BONANZA 1023-17C	Spud Conductor: 12/26/2007	Spud Date: 1/3/2008
Project: UTAH-UINTAH	Site: BONANZA 1023-17C PAD	Rig Name No: MILES 2/2
Event: RECOMPL/RESEREVEADD	Start Date: 10/10/2011	End Date: 11/11/2011
Active Datum: RKB @5,270.00usft (above Mean Sea Level)	UWI: 0/10/S/23/E/17/0/NENW/6/PM/N/146.00/W/0/2,223.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation																		
	7:30 - 7:30	0.00	COMP	36		P		<p>RU J-W WIRELINE, SUPERIOR WELL SERVICE, PERF-FRAC 3 STAGES.</p> <p>STAGES#1 PERF AS PER PROCEDURE, # PERFS 24, PERF SIZE .36, SAND 30/50, SLICK WTR FRAC WH PSI, 300#, BREAK DWN 5969#, INJ PSI 5738, INJ RATE 38.8 BBLS, ISIP 2313, FG .79, MP 5903, MR 50.5, AP 4914, AR 45.7 FG .82, ISIP 2466, NPI 153. SET CBP 5957'</p> <p>STAGE# 2 PERF AS PER PROCEDURE, # PERFS 24, PERF SIZE .36, SAND 30/50, SLICK WTR FRAC WH PSI, 963#,BREAK DWN 5442#, INJ PSI 4245, INJ RATE 39.7 BBLS, ISIP 1620, FG .72, MP 6057, MR 57.8, AP 4523, AR 50.9 FG .80, ISIP 2061, NPI 441. SET CBP 5467'</p> <p>STAGE# 3 PERF AS PER PROCEDURE, # PERFS 24, PERF SIZE .36, SAND 30/50, SLICK WTR FRAC WH PSI, 765#,BREAK DWN 4990#, INJ PSI4246, INJ RATE 51.5 BBLS, ISIP 1364, FG .70, MP 4893, MR 52.3, AP 3901, AR 51.7 FG .73, ISIP 2061, NPI 177. SET KILL PLUG 5210'</p> <table border="0"> <tr><td></td><td>GAL</td></tr> <tr><td>WFR</td><td>60</td></tr> <tr><td>SUPER 100 NE</td><td>96</td></tr> <tr><td>CLAY TREAT LT</td><td>101</td></tr> <tr><td>SCALE</td><td>297</td></tr> <tr><td>BOICIDE</td><td>52</td></tr> <tr><td>ACID</td><td>750</td></tr> <tr><td>WTR</td><td>2178 BBLS</td></tr> <tr><td>SAND</td><td>60498#</td></tr> </table>		GAL	WFR	60	SUPER 100 NE	96	CLAY TREAT LT	101	SCALE	297	BOICIDE	52	ACID	750	WTR	2178 BBLS	SAND	60498#
	GAL																									
WFR	60																									
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SCALE	297																									
BOICIDE	52																									
ACID	750																									
WTR	2178 BBLS																									
SAND	60498#																									
	7:30 - 7:30	0.00	COMP																							
11/11/2011	7:00 - 7:30	0.50	COMP	48		P		<p>RD J-W, SUPERIOR, PU TBG, RIH TO 5210', TAG PLUG, SWIFN DRILLING PLUGS</p>																		

US ROCKIES REGION
Operation Summary Report

Well: BONANZA 1023-17C	Spud Conductor: 12/26/2007	Spud Date: 1/3/2008
Project: UTAH-UINTAH	Site: BONANZA 1023-17C PAD	Rig Name No: MILES 2/2
Event: RECOMPL/RESEREVEADD	Start Date: 10/10/2011	End Date: 11/11/2011
Active Datum: RKB @5,270.00usft (above Mean Sea Level)	UWI: 0/10/S/23/E/17/0/NENW/6/PM/N/146.00/W/0/2,223.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	7:30 - 10:39	3.15	COMP	44		P		R/U DRILL,BREAK CIRC START DRILL CBP,R/U FOAM UNIT TO DRILL CBP # 4 CLEAN OUT PBTD. # 1 5210' CLEAN 0' IN 200# 15 MINS # 2 5457' CLEAN 10' SAND 100# KICK 5 MINS # 3 5957' CLEAN 20' SAND 0 # KICK 5 MINS # 4 6615' CLEAN 10' SAND -200# KICK 45 MINS TALLY TRIH W/ TBG TO TAG FILL AT 7178' C/O 1 JT, TAG AT 7915', C/O TO 7965', POOH TO 7178', LAND TBG,BROACH TO SN, ND BOP'S, NU WH, POBS, 3200#, TURN TO FBC RDMO TO BON 1023-6C TBG 228 JTS J-55 7157.03' HANGER .83' S/N 1.875" 2.20' KB 18.00' EOT 7178.06'

1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well/Wellbore Information

Well	BONANZA 1023-17C	Wellbore No.	OH
Well Name	BONANZA 1023-17C	Wellbore Name	BONANZA 1023-17C
Report No.	1	Report Date	11/4/2011
Project	UTAH-UINTAH	Site	BONANZA 1023-17C PAD
Rig Name/No.	MILES 2/2	Event	RECOMPL/RESEREVEADD
Start Date	10/10/2011	End Date	11/11/2011
Spud Date	1/3/2008	Active Datum	RKB @5,270.00usft (above Mean Sea Level)
UWI	O10/S23/E17/O/NENW/6/PM/N/146.00/W/O/2,223.00/O/O		

1.3 General

Contractor		Job Method		Supervisor	
Perforated Assembly	PRODUCTION CASING	Conveyed Method			

1.4 Initial Conditions

Fluid Type		Fluid Density	
Surface Press		Estimate Res Press	
TVD Fluid Top		Fluid Head	
Hydrostatic Press		Press Difference	
Balance Cond	NEUTRAL		

1.5 Summary

Gross Interval	5,268.0 (usft)-6,589.0 (usft)	Start Date/Time	11/9/2011 12:00AM
No. of Intervals	10	End Date/Time	11/9/2011 12:00AM
Total Shots	72	Net Perforation Interval	18.00 (usft)
Avg Shot Density	4.00 (shot/ft)	Final Surface Pressure	
		Final Press Date	

2 Intervals

2.1 Perforated Interval

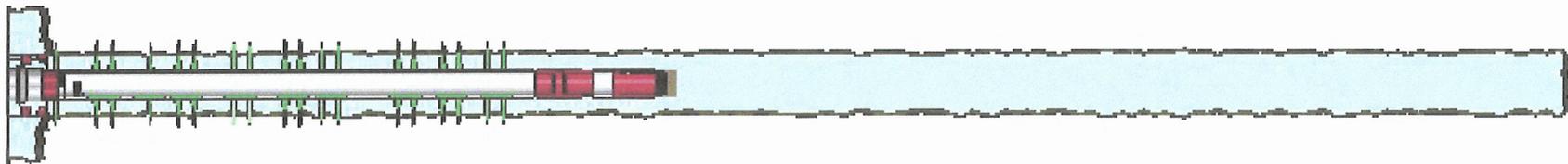
Date	Formation/Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/Add. Shot	Diameter (in)	Carr Type /Carr Manuf	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
11/9/2011 12:00AM	WASATCH/			5,268.0	5,269.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO	N

2.1 Perforated Interval (Continued)

Date	Formation/ Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diamete r (in)	Carr Type /Carr Manuf	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
11/9/2011 12:00AM	WASATCH/			5,305.0	5,306.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	
11/9/2011 12:00AM	WASATCH/			5,316.0	5,317.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	
11/9/2011 12:00AM	WASATCH/			5,364.0	5,367.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	
11/9/2011 12:00AM	WASATCH/			5,640.0	5,641.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	
11/9/2011 12:00AM	WASATCH/			5,658.0	5,659.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	
11/9/2011 12:00AM	WASATCH/			5,676.0	5,678.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	
11/9/2011 12:00AM	WASATCH/			5,855.0	5,857.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	
11/9/2011 12:00AM	MESAVERDE/			6,434.0	6,437.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	
11/9/2011 12:00AM	MESAVERDE/			6,586.0	6,589.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	

3 Plots

3.1 Wellbore Schematic



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
4304738237	BONANZA 1023-17C		NENW	17	10S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
E	16585	16585			11/17/2011		
Comments: THE SUBJECT WELL WAS RECOMPLETED INTO A NEW FORMATION. CHANGE FROM WASATCH TO WASATCH/MESAVERDE FORMATION EFFECTIVE 11/17/2011. — 212312012							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304738222	BONANZA 1023-8H		SENE	8	10S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
E	16353	16353			11/21/2011		
Comments: THE SUBJECT WELL WAS RECOMPLETED INTO A NEW FORMATION. CHANGE FROM WASATCH TO WASATCH/MESAVERDE FORMATION EFFECTIVE 11/21/2011. — 212312012							

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)

SHEILA WOPSOCK

Name (Please Print)

Signature

REGULATORY ANALYST

Title

2/16/2012

Date

(5/2000)

RECEIVED

FEB 16 2012

Oil & Gas & Mining

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

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

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	P	NENW	D			P	UTU 38419	N2995
BONANZA 1023-6D3AS	6	100S	230E	4304751452	18317			GW	P	NENW	D		WSMVD	P	UTU 38419	N2995