

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

FORM 3

AMENDED REPORT

| | | |
|--|---|---|
| APPLICATION FOR PERMIT TO DRILL | | 1. WELL NAME and NUMBER BONANZA 1023-5D3AS |
| 2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/> | | 3. FIELD OR WILDCAT NATURAL BUTTES |
| 4. TYPE OF WELL Gas Well Coalbed Methane Well: NO | | 5. UNIT or COMMUNITIZATION AGREEMENT NAME |
| 6. NAME OF OPERATOR KERR-MCGEE OIL & GAS ONSHORE, L.P. | | 7. OPERATOR PHONE 720 929-6515 |
| 8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217 | | 9. OPERATOR E-MAIL julie.jacobson@anadarko.com |
| 10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU33433 | 11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> | |
| 13. NAME OF SURFACE OWNER (if box 12 = 'fee') | | 12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> |
| 15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') | | 14. SURFACE OWNER PHONE (if box 12 = 'fee') |
| 17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') | | 16. SURFACE OWNER E-MAIL (if box 12 = 'fee') |
| 18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/> | | 19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/> |

| 20. LOCATION OF WELL | FOOTAGES | QTR-QTR | SECTION | TOWNSHIP | RANGE | MERIDIAN |
|---------------------------------|-----------------|---------|---------|----------|--------|----------|
| LOCATION AT SURFACE | 524 FNL 499 FWL | NWNW | 5 | 10.0 S | 23.0 E | S |
| Top of Uppermost Producing Zone | 840 FNL 591 FWL | NWNW | 5 | 10.0 S | 23.0 E | S |
| At Total Depth | 840 FNL 591 FWL | NWNW | 5 | 10.0 S | 23.0 E | S |

| | | |
|---|---|---|
| 21. COUNTY UINTAH | 22. DISTANCE TO NEAREST LEASE LINE (Feet) 840 | 23. NUMBER OF ACRES IN DRILLING UNIT 1923 |
| 27. ELEVATION - GROUND LEVEL 5242 | 25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 673 | 26. PROPOSED DEPTH MD: 8574 TVD: 8547 |
| | 28. BOND NUMBER WYB000291 | 29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-8496 |

Hole, Casing, and Cement Information

| String | Hole Size | Casing Size | Length | Weight | Grade & Thread | Max Mud Wt. | Cement | Sacks | Yield | Weight |
|--------|-----------|-------------|----------|--------|----------------|-------------|----------------------------|-------|-------|--------|
| Surf | 11 | 8.625 | 0 - 2350 | 28.0 | J-55 LT&C | 0.2 | Type V | 180 | 1.15 | 15.8 |
| | | | | | | | Class G | 270 | 1.15 | 15.8 |
| Prod | 7.875 | 4.5 | 0 - 8574 | 11.6 | I-80 LT&C | 12.5 | Premium Lite High Strength | 280 | 3.38 | 11.0 |
| | | | | | | | 50/50 Poz | 1130 | 1.31 | 14.3 |

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

| | |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN |
| <input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE) | <input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER |
| <input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED) | <input checked="" type="checkbox"/> TOPOGRAPHICAL MAP |

| | | |
|--|---|---------------------------------------|
| NAME Gina Becker | TITLE Regulatory Analyst II | PHONE 720 929-6086 |
| SIGNATURE | DATE 10/14/2011 | EMAIL gina.becker@anadarko.com |
| API NUMBER ASSIGNED 43047520940000 | APPROVAL  Permit Manager | |

Kerr-McGee Oil & Gas Onshore. L.P.**BONANZA 1023-5D3AS**

| | | |
|----------|-------------------|------|
| Surface: | 524 FNL / 499 FWL | NWNW |
| BHL: | 840 FNL / 591 FWL | NWNW |

Section 5 T10S R23E

Uintah County, Utah
Mineral Lease: UTU-33433

ONSHORE ORDER NO. 1**DRILLING PROGRAM**

1. & 2. **Estimated Tops of Important Geologic Markers:**
Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

| <u>Formation</u> | <u>Depth</u> | <u>Resource</u> |
|------------------|--------------|-----------------|
| Uinta | 0 - Surface | |
| Green River | 1269 | |
| Birds Nest | 1554 | Water |
| Mahogany | 1903 | Water |
| Wasatch | 4288 | Gas |
| Mesaverde | 6388 | Gas |
| MVU2 | 7373 | Gas |
| MVL1 | 7925 | Gas |
| TVD | 8547 | |
| TD | 8574 | |

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 bottom hole pressure calculated at 8547' TVD, approximately equals

$$\frac{5,470 \text{ psi}}{0.64 \text{ psi/ft}} = \text{actual bottomhole gradient}$$

Maximum Anticipated Bottom Hole Pressure (MABHP) = Pore Pressure at TD

Maximum anticipated surface pressure equals approximately 3,578 psi (bottom hole pressure
 minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot, per Onshore Order No. 2).

Per Onshore Order No. 2 - Max Anticipated Surf. Press. (MASP) = (Pore Pressure at next csg point -
 (0.22 psi/ft-partial evac gradient x TVD of next csg point))

8. **Anticipated Starting Dates:**

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

9. **Variations:**

Please refer to the attached Drilling Program.
 Onshore Order #2 – Air Drilling Variance

Kerr-McGee Oil & Gas Onshore LP (KMG) respectfully requests a variance to several requirements associated with air drilling outlined in Onshore Order 2

- Blowout Prevention Equipment (BOPE) requirements;
- Mud program requirements; and
- Special drilling operation (surface equipment placement) requirements associated with air drilling.

This Standard Operating Practices addendum provides supporting information as to why KMG current air drilling practices for constructing the surface casing hole should be granted a variance to Onshore Order 2 air drilling requirements.

The reader should note that the air rig is used only to construct a stable surface casing hole through a historically difficult lost circulation zone. A conventional rotary rig follows the air rig, and is used to drill and construct the majority of the wellbore.

More notable, KMG has used the air rig layout and procedures outlined below to drill the surface casing hole in approximately 675 wells without incident of blow out or loss of life.

Background

In a typical well, KMG utilizes an air rig for drilling the surface casing hole, an interval from the surface to surface casing depths, which varies in depth from 1,700 to 2,800 feet. The air rig drilling operation does not drill through productive or over pressured formations in KMG field, but does penetrate the Uinta and Green River Formations. The purpose of the air drilling operation is to overcome the severe loss circulation zone in the Green River known as the Bird's Nest while creating a stable hole for the surface casing. The surface casing hole is generally drilled to approximately 500 feet below the Bird's Nest.

Before the surface air rig is mobilized, a rathole rig is utilized to set and cement conductor pipe through a competent surface formation. Generally, the conductor is set at 40 feet. In some cases, conductor may be set deeper in areas that the surface formation is not found competent. This rig also drills the rat and mouse holes in preparation for the surface casing and production string drilling operations.

The air rig is then mobilized to drill the surface casing hole by drilling a 12 1/4 inch hole for the first 200 feet, then will drill a 11 inch hole to just above the Bird's Nest interval with an air hammer. The hammer is then tripped and replaced with a 11 inch tri-cone bit. The tri-cone bit is used to drill to the surface casing point, approximately 500 feet below the loss circulation zone (Bird's Nest). The 8-5/8 inch surface casing is then run and cemented in place, thereby isolating the lost circulation zone.

KMG fully appreciates Onshore Order 2 well control and safety requirements associated with a typical air drilling operations. However, the requirements of Onshore Order 2 are excessive with respect to the air rig layout and drilling operation procedures that are currently in practice to drill and control the surface casing hole in KMG Fields.

Variance for BOPE Requirements

The air rig operation utilizes a properly lubricated and maintained air bowl diverter system which diverts the drilling returns to a six-inch blooie line. The air bowl is the only piece of BOPE equipment which is installed during drilling operations and is sufficient to contain the air returns associated with this drilling operation. As was discussed earlier, the drilling of the surface hole does not encounter any over pressured or productive zones, and as a result standard BOPE equipment should not be required. In addition, standard drilling practices do not support the use of BOPE on 40 feet of conductor pipe.

Variance for Mud Material Requirements

Onshore Order 2 also states that sufficient quantities of mud materials shall be maintained or readily accessible for the purpose of assuring adequate well control. Once again, the surface hole drilling operations does not encounter over pressured or productive intervals, and as a result there is not a need to control pressure in the surface hole with a mud system. Instead of mud, the air rigs utilize water from the reserve pit for well control, if necessary. A skid pump which is located near the reserve pit (see attachment) will supply the water to the well bore.

Variance for Special Drilling Operation (surface equipment placement) Requirements

Onshore Order 2 requires specific safety distances or setbacks for the placement of associated standard air drilling equipment, wellbore, and reserve pits. The air rigs used to drill the surface holes are not typical of an air rig used to drill a producing hole in other parts of the US. These are smaller in nature and designed to fit a KMG location. The typical air rig layout for drilling surface hole in the field is attached.

Typically the blooie line discharge point is required to be 100 feet from the well bore. In the case of a KMG well, the reserve pit is only 45 feet from the rig and is used for the drill cuttings. The blooie line, which transports the drill cuttings from the well to the reserve pit, subsequently discharges only 45 feet from the well bore.

Typically the air rig compressors are required to be located in the opposite direction from the blooie line and a minimum of 100 feet from the well bore. At the KMG locations, the air rig compressors are approximately 40 feet from the well bore and approximately 60 feet from the blooie line discharge due to the unique air rig design. The air compressors (see attachment) are located on the rig (1250 cfm) and

on a standby trailer (1170 cfm). A booster sits between the two compressors and boosts the output from 350 psi to 2000 psi. The design does put the booster and standby compressor opposite from the blooie line.

Lastly, Onshore Order 2 addresses the need for an automatic igniter or continuous pilot light on the blooie line. The air rig does not utilize an igniter as the surface hole drilling operation does not encounter productive formations.

Variance for FIT Requirements

KMG also respectfully requests a variance to Onshore Order 2, Section III, Part Bi, for the pressure integrity test (PIT, also known as a formation integrity test (FIT)). This well is not an exploratory well and is being drilled in an area where the formation integrity is well known. Additionally, when an FIT is run with the mud weight as required, the casing shoe frequently breaks down and causes subsequent lost circulation when drilling the entire depth of the well.

Conclusion

The air rig operating procedures and the attached air rig layout have effectively maintained well control while drilling the surface holes in KMG Fields. KMG respectfully requests a variance from Onshore Order 2 with respect to air drilling well control requirements as discussed above.

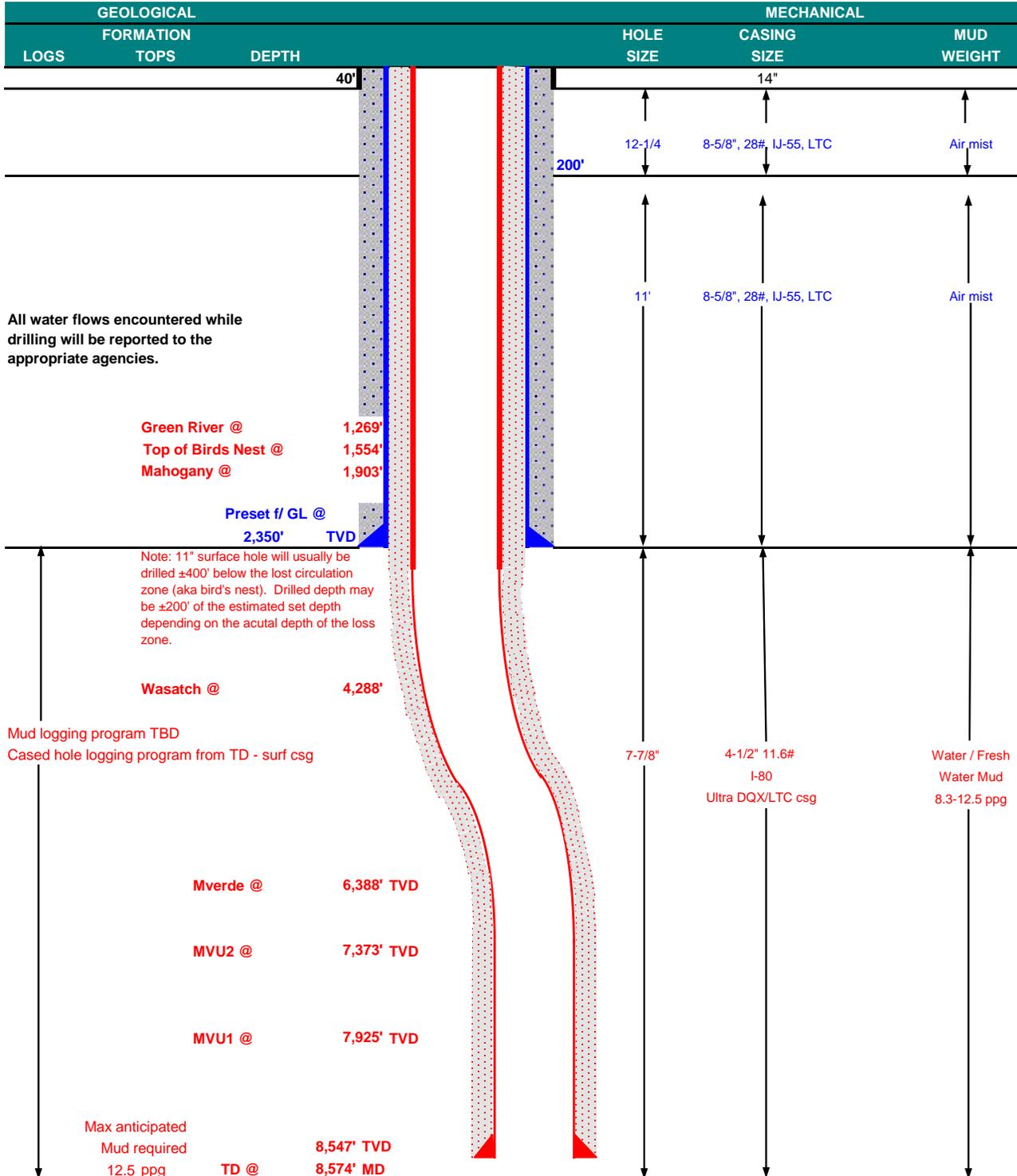
10. **Other Information:**

Please refer to the attached Drilling Program.



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

| | | | | | | |
|-------------------|---|-----------|------------|-------------|------------------|---------------------------|
| COMPANY NAME | KERR-McGEE OIL & GAS ONSHORE LP | | | DATE | October 13, 2011 | |
| WELL NAME | BONANZA 1023-5D3AS | | | TD | 8,547' TVD | 8,574' MD |
| FIELD | Natural Buttes | COUNTY | Uintah | STATE | Utah | FINISHED ELEVATION 5241.7 |
| SURFACE LOCATION | NWNW | 524 FNL | 499 FWL | Sec 5 | T 10S R 23E | |
| | Latitude: | 39.983804 | Longitude: | -109.358348 | NAD 83 | |
| BTM HOLE LOCATION | NWNW | 840 FNL | 591 FWL | Sec 5 | T 10S R 23E | |
| | Latitude: | 39.982936 | Longitude: | -109.358019 | NAD 83 | |
| OBJECTIVE ZONE(S) | Wasatch/Mesaverde | | | | | |
| ADDITIONAL INFO | Regulatory Agencies: BLM (Minerals), BLM (Surface), UDOGM Tri-County Health Dept. | | | | | |





KERR-McGEE OIL & GAS ONSHORE LP
DRILLING PROGRAM

CASING PROGRAM

| | SIZE | INTERVAL | WT. | GR. | CPLG. | DESIGN FACTORS | | | |
|------------|--------|------------|-------|-------|-------|----------------|-----------------|---------|---------|
| | | | | | | BURST | LTC | | DQX |
| | | | | | | | COLLAPSE | TENSION | |
| CONDUCTOR | 14" | 0-40' | | | | 3,390 | 1,880 | 348,000 | N/A |
| SURFACE | 8-5/8" | 0 to 2,350 | 28.00 | IJ-55 | LTC | 2.30 | 1.71 | 6.04 | N/A |
| | | | | | | 7,780 | 6,350 | 223,000 | 267,035 |
| PRODUCTION | 4-1/2" | 0 to 5,000 | 11.60 | I-80 | DQX | 1.11 | 1.14 | | 3.32 |
| | | | | | | 4-1/2" | 5,000 to 8,574' | 11.60 | I-80 |

Surface Casing:

(Burst Assumptions: TD = 12.5 ppg) 0.73 psi/ft = frac gradient @ surface shoe
 Fracture at surface shoe with 0.1 psi/ft gas gradient above
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoyn.Fact. of water)

Production casing:

(Burst Assumptions: Pressure test with 8.4ppg @ 7000 psi) 0.64 psi/ft = bottomhole gradient
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoyn.Fact. of water)

CEMENT PROGRAM

| | | FT. OF FILL | DESCRIPTION | SACKS | EXCESS | WEIGHT | YIELD |
|---|----------------------|-------------|--|---------|--------|--------|-------|
| SURFACE Option 1 | LEAD | 500' | Premium cmt + 2% CaCl + 0.25 pps flocele | 180 | 60% | 15.80 | 1.15 |
| | TOP OUT CMT (6 jobs) | 1,200' | 20 gals sodium silicate + Premium cmt + 2% CaCl + 0.25 pps flocele | 270 | 0% | 15.80 | 1.15 |
| NOTE: If well will circulate water to surface, option 2 will be utilized | | | | | | | |
| SURFACE Option 2 | LEAD | 1,850' | 65/35 Poz + 6% Gel + 10 pps gilsonite + 0.25 pps Flocele + 3% salt BWOW | 170 | 35% | 11.00 | 3.82 |
| | TAIL | 500' | Premium cmt + 2% CaCl + 0.25 pps flocele | 150 | 35% | 15.80 | 1.15 |
| | TOP OUT CMT | as required | Premium cmt + 2% CaCl | as req. | | 15.80 | 1.15 |
| PRODUCTION | LEAD | 3,784' | Premium Lite II +0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender | 280 | 20% | 11.00 | 3.38 |
| | TAIL | 4,790' | 50/50 Poz/G + 10% salt + 2% gel + 0.1% R-3 | 1,130 | 35% | 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. No centralizers will be used. |

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. The BOPE will be installed before the production hole is drilled and tested to 5,000 psi (annular to 2,500 psi) prior to drilling out the surface casing shoe. Record on chart recorder and tour sheet. Function test rams on each trip. Maintain safety valve and inside BOP on rig floor at all times. Most rigs have top drives; however, if used, the Kelly is to be equipped with upper and lower kelly valves.

Surveys will be taken at 1,000' minimum intervals.

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

DRILLING ENGINEER:

Nick Spence / Danny Showers / Chad Loesel

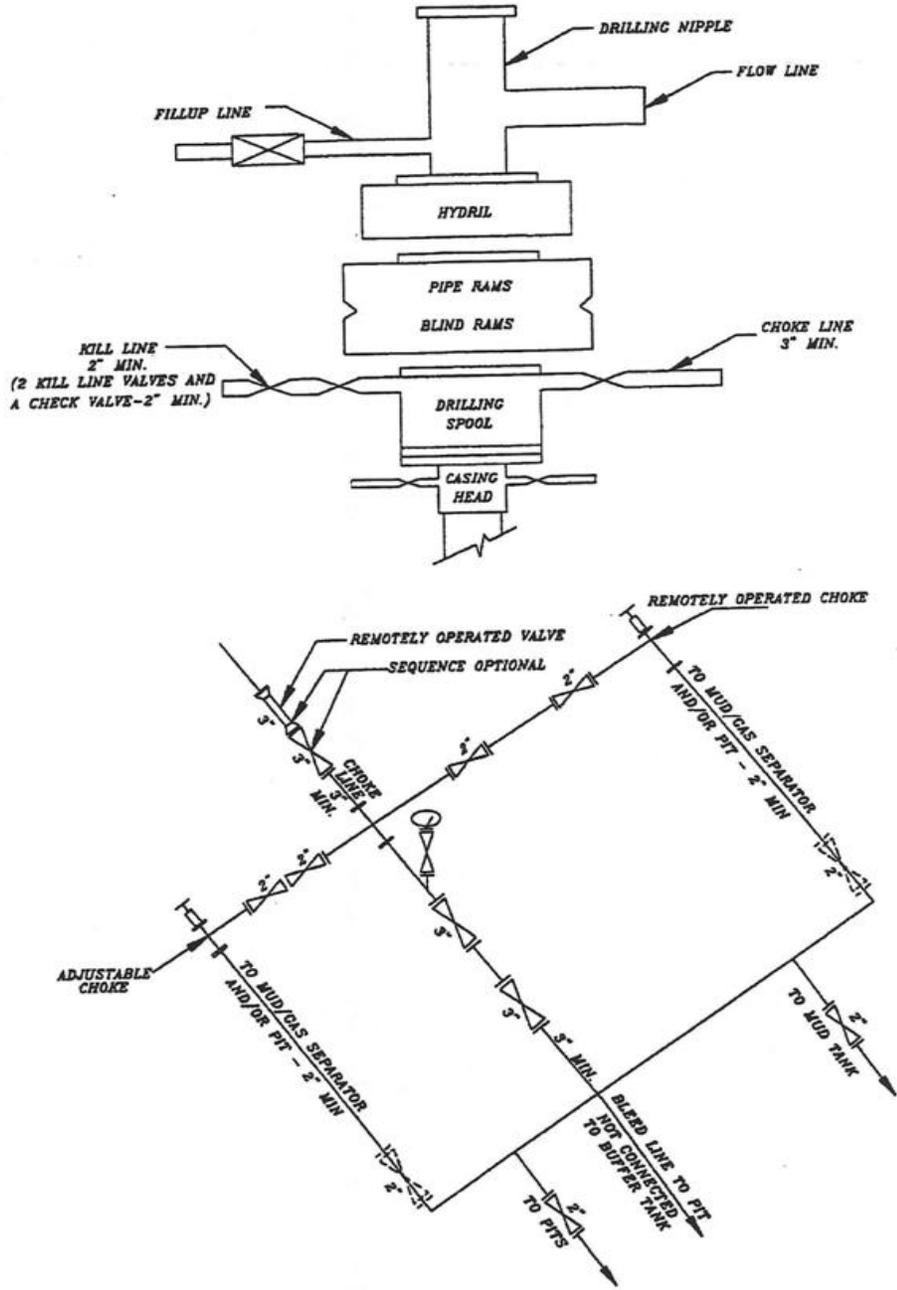
DATE:

DRILLING SUPERINTENDENT:

Kenny Gathings / Lovel Young

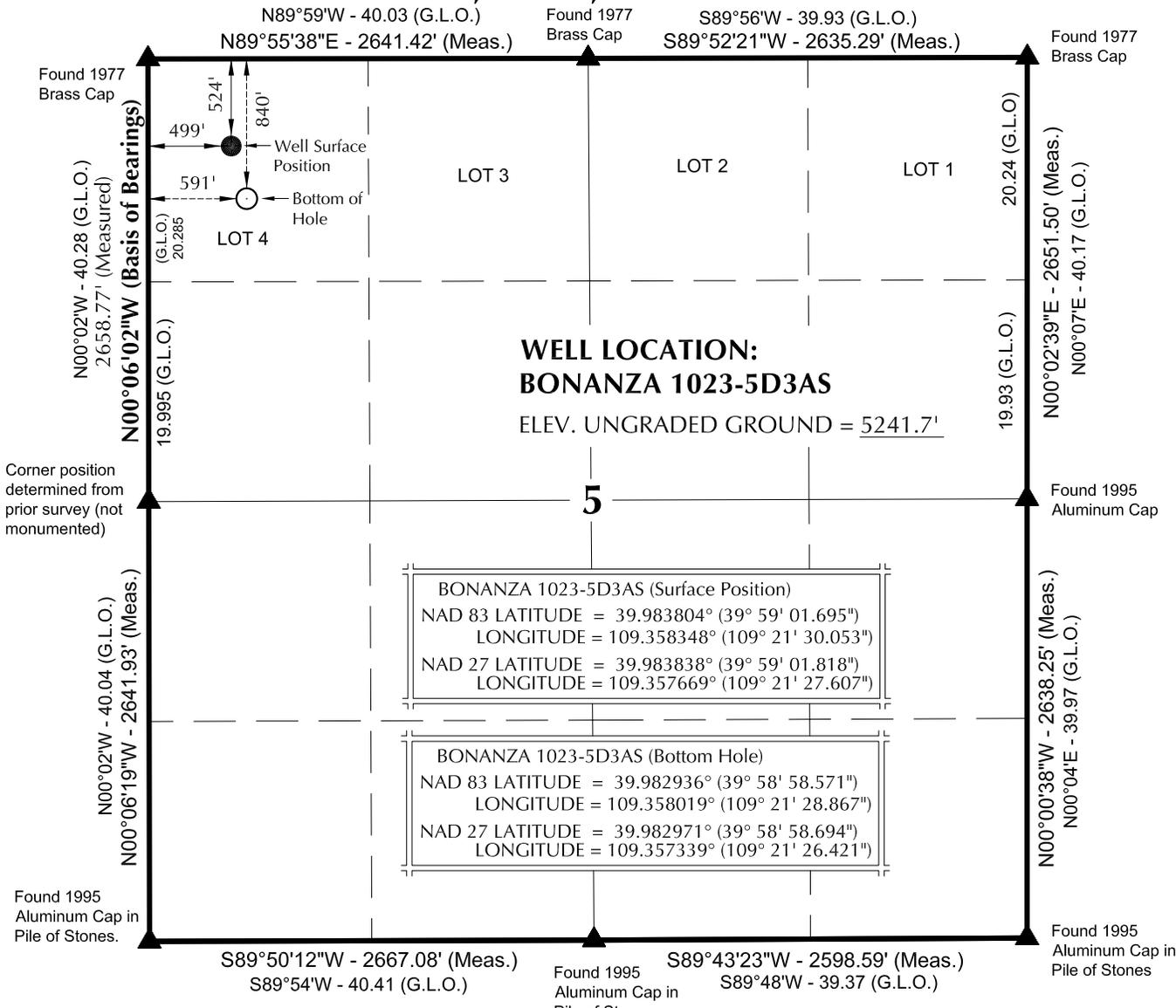
DATE:

EXHIBIT A
BONANZA 1023-5D3AS



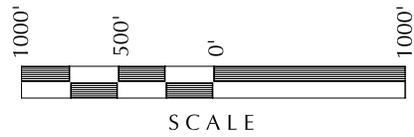
SCHEMATIC DIAGRAM OF 5,000 PSI BOP STACK

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



NOTES:

- ▲ = Section Corners Located
- 1. Well footages are measured at right angles to the Section Lines.
- 2. G.L.O. distances are shown in feet or chains. 1 chain = 66 feet.
- 3. The Bottom of hole bears S16°21'13"E 329.34' from the Surface Position.
- 4. Bearings are based on Global Positioning Satellite observations.
- 5. Basis of elevation is Tri-Sta "Two Water" located in the NW ¼ of Section 1, T10S, R21E, S.L.B.&M. The elevation of this Tri-Sta is shown on the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'.



SURVEYOR'S CERTIFICATE

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

John R. Laugh
 No. 6028691
 JOHN R. LAUGH
 PROFESSIONAL LAND SURVEYOR
 REGISTRATION No. 6028691
 STATE OF UTAH

Kerr-McGee Oil & Gas Onshore, LP
 1099 18th Street - Denver, Colorado 80202

WELL PAD - BONANZA 1023-5D

BONANZA 1023-5D3AS
WELL PLAT
840' FNL, 591' FWL (Bottom Hole)
LOT 4 OF SECTION 5, T10S, R23E,
S.L.B.&M., UINTAH COUNTY, UTAH.

609

CONSULTING, LLC
 371 Coffeen Avenue
 Sheridan WY 82801
 Phone 307-674-0609
 Fax 307-674-0182

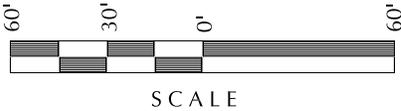
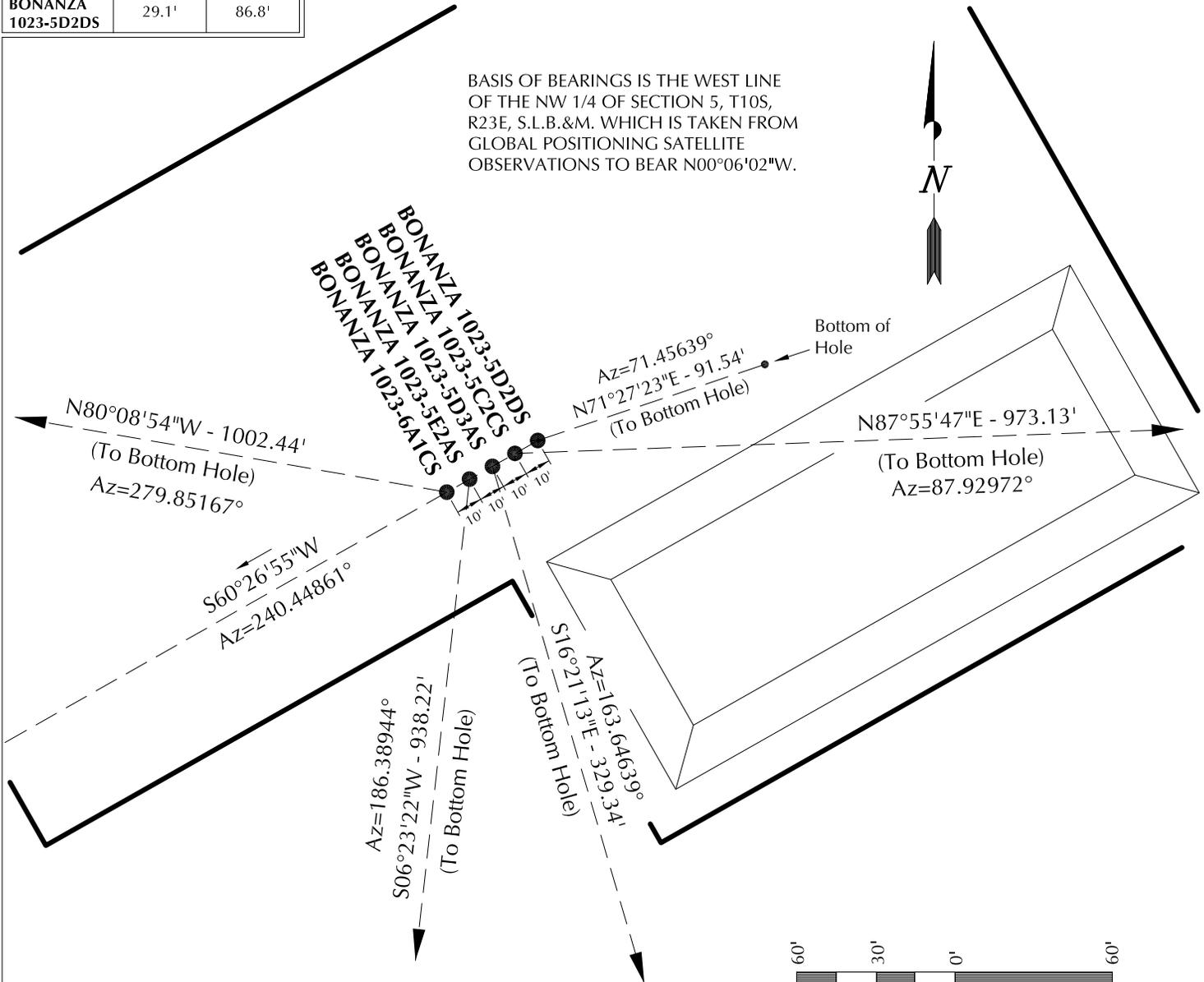
TIMBERLINE (435) 789-1365
 ENGINEERING & LAND SURVEYING, INC.
 209 NORTH 300 WEST - VERNAL, UTAH 84078

| | | |
|----------------------------|---------------------------------------|-----------------------|
| DATE SURVEYED: 03-08-10 | SURVEYED BY: M.S.B. | SHEET NO: 3 |
| DATE DRAWN: 03-09-10 | DRAWN BY: E.M.S. | |
| SCALE: 1" = 1000' | Date Last Revised: 05-28-10 E.M.S. | 3 OF 19 |

| WELL NAME | SURFACE POSITION | | | | | BOTTOM HOLE | | | | |
|--------------------|------------------|----------------|---------------|----------------|----------|---------------|----------------|---------------|----------------|-----------|
| | NAD83 | | NAD27 | | FOOTAGES | NAD83 | | NAD27 | | FOOTAGES |
| | LATITUDE | LONGITUDE | LATITUDE | LONGITUDE | | LATITUDE | LONGITUDE | LATITUDE | LONGITUDE | |
| BONANZA 1023-6A1CS | 39°59'01.597" | 109°21'30.277" | 39°59'01.720" | 109°21'27.832" | 534' FNL | 39°59'03.303" | 109°21'42.959" | 39°59'03.426" | 109°21'40.513" | 361' FNL |
| BONANZA 1023-5E2AS | 39.983777° | 109.358410° | 39.983811° | 109.357731° | 481' FWL | 39.984251° | 109.361933° | 39.984285° | 109.361254° | 506' FEL |
| BONANZA 1023-5D3AS | 39°59'01.646" | 109°21'30.166" | 39°59'01.770" | 109°21'27.720" | 529' FNL | 39°58'52.436" | 109°21'31.521" | 39°58'52.559" | 109°21'29.075" | 1461' FNL |
| BONANZA 1023-5C2CS | 39.983791° | 109.358379° | 39.983825° | 109.357700° | 490' FWL | 39.981232° | 109.358756° | 39.981266° | 109.358076° | 384' FWL |
| BONANZA 1023-5D2DS | 39°59'01.695" | 109°21'30.053" | 39°59'01.818" | 109°21'27.607" | 524' FNL | 39°58'58.571" | 109°21'28.867" | 39°58'58.694" | 109°21'26.421" | 840' FNL |
| BONANZA 1023-5D3AS | 39.983804° | 109.358348° | 39.983838° | 109.357669° | 499' FWL | 39.982936° | 109.358019° | 39.982971° | 109.357339° | 591' FWL |
| BONANZA 1023-5C2CS | 39°59'01.743" | 109°21'29.942" | 39°59'01.867" | 109°21'27.497" | 519' FNL | 39°59'02.079" | 109°21'17.452" | 39°59'02.202" | 109°21'15.007" | 485' FNL |
| BONANZA 1023-5C2CS | 39.983818° | 109.358317° | 39.983852° | 109.357638° | 507' FWL | 39.983911° | 109.354848° | 39.983945° | 109.354168° | 1480' FWL |
| BONANZA 1023-5D2DS | 39°59'01.792" | 109°21'29.830" | 39°59'01.915" | 109°21'27.385" | 514' FNL | 39°59'02.079" | 109°21'28.715" | 39°59'02.202" | 109°21'26.270" | 485' FNL |
| BONANZA 1023-5D2DS | 39.983831° | 109.358286° | 39.983865° | 109.357607° | 516' FWL | 39.983911° | 109.357976° | 39.983945° | 109.357297° | 603' FWL |

RELATIVE COORDINATES - From Surface Position to Bottom Hole

| WELL NAME | NORTH | EAST | WELL NAME | NORTH | EAST | WELL NAME | NORTH | EAST | WELL NAME | NORTH | EAST |
|--------------------|--------|---------|--------------------|---------|---------|--------------------|---------|-------|--------------------|-------|--------|
| BONANZA 1023-6A1CS | 171.5' | -987.7' | BONANZA 1023-5E2AS | -932.4' | -104.4' | BONANZA 1023-5D3AS | -316.0' | 92.7' | BONANZA 1023-5C2CS | 35.2' | 972.5' |
| BONANZA 1023-5D2DS | 29.1' | 86.8' | | | | | | | | | |



Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street - Denver, Colorado 80202

WELL PAD - BONANZA 1023-5D

WELL PAD INTERFERENCE PLAT
WELLS - BONANZA 1023-6A1CS,
BONANZA 1023-5E2AS, BONANZA 1023-5D3AS,
BONANZA 1023-5C2CS & BONANZA 1023-5D2DS
LOCATED IN SECTION 5, T10S, R23E,
S.L.B.&M., UINTAH COUNTY, UTAH.

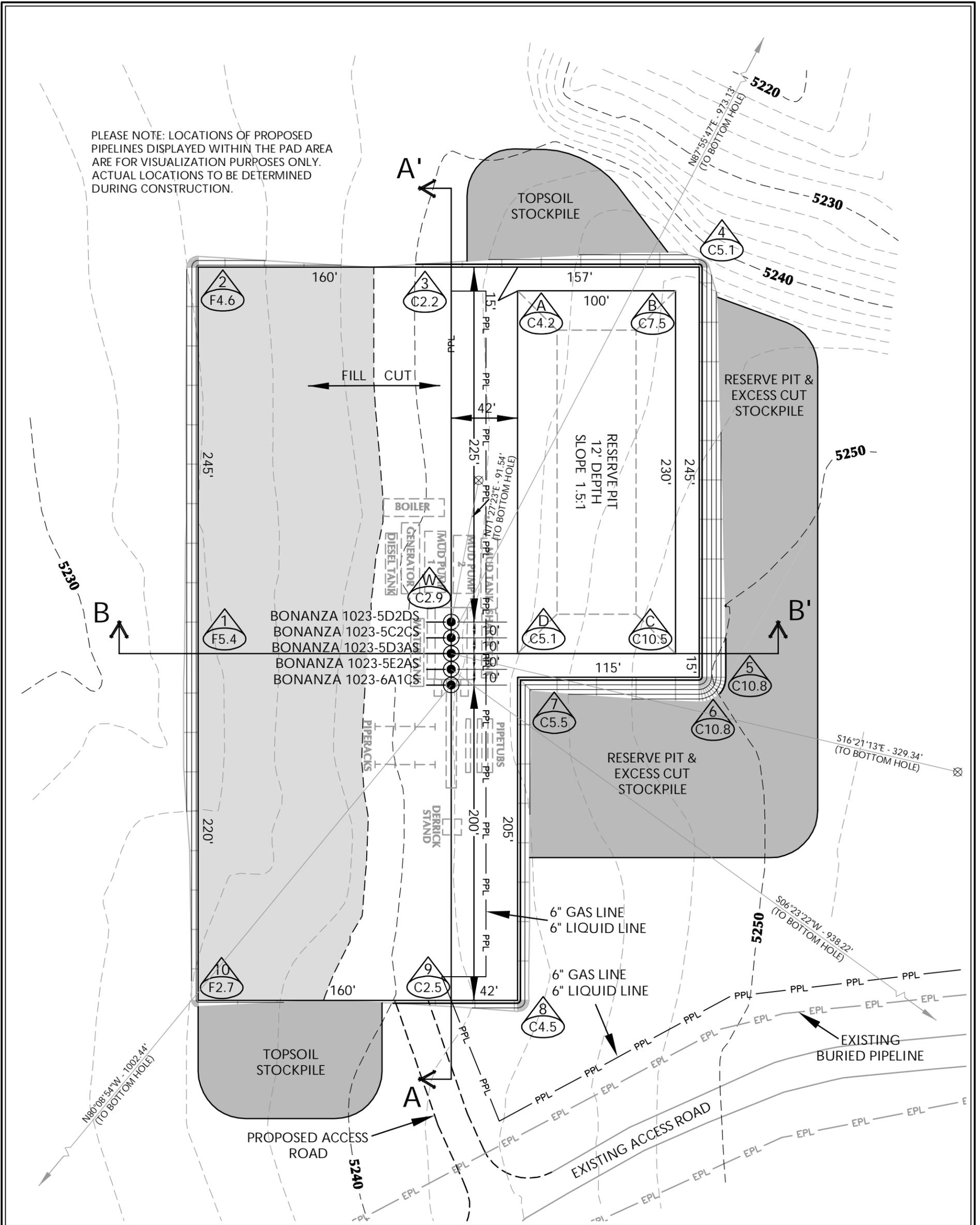


CONSULTING, LLC
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Fax 307-674-0182

TIMBERLINE (435) 789-1365
ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST - VERNAL, UTAH 84078

| | | |
|----------------------------|---------------------------------------|-----------------------|
| DATE SURVEYED: 03-08-10 | SURVEYED BY: M.S.B. | SHEET NO: 6 |
| DATE DRAWN: 03-09-10 | DRAWN BY: E.M.S. | |
| SCALE: 1" = 60' | Date Last Revised: 05-28-10 E.M.S. | 6 OF 17 |

PLEASE NOTE: LOCATIONS OF PROPOSED PIPELINES DISPLAYED WITHIN THE PAD AREA ARE FOR VISUALIZATION PURPOSES ONLY. ACTUAL LOCATIONS TO BE DETERMINED DURING CONSTRUCTION.



WELL PAD - BONANZA 1023-5D DESIGN SUMMARY

EXISTING GRADE @ CENTER OF WELL PAD = 5241.7'
 FINISHED GRADE ELEVATION = 5238.8'
 CUT SLOPES = 1.5:1
 FILL SLOPES = 1.5:1
 TOTAL WELL PAD AREA = 3.13 ACRES
 TOTAL DAMAGE AREA = 5.89 ACRES
 SHRINKAGE FACTOR = 1.10
 SWELL FACTOR = 1.00

Kerr-McGee Oil & Gas Onshore, LP
 1099 18th Street - Denver, Colorado 80202

WELL PAD - BONANZA 1023-5D

WELL PAD - LOCATION LAYOUT
 BONANZA 1023-6A1CS,
 BONANZA 1023-5E2AS, BONANZA 1023-5D3AS,
 BONANZA 1023-5C2CS & BONANZA 1023-5D2DS,
 LOCATED IN SECTION 5, T10S, R23E,
 S.L.B.&M., UINTAH COUNTY, UTAH



CONSULTING, LLC
 371 Coffeen Avenue
 Sheridan, WY 82801
 Phone 307-674-0609
 Fax 307-674-0182

WELL PAD QUANTITIES

TOTAL CUT FOR WELL PAD = 11,042 C.Y.
 TOTAL FILL FOR WELL PAD = 6,225 C.Y.
 TOPSOIL @ 6" DEPTH = 2,526 C.Y.
 EXCESS MATERIAL = 4,817 C.Y.

RESERVE PIT QUANTITIES

TOTAL CUT FOR RESERVE PIT
 +/- 7,780 CY
 RESERVE PIT CAPACITY (2' OF FREEBOARD)
 +/- 29,550 BARRELS

WELL PAD LEGEND

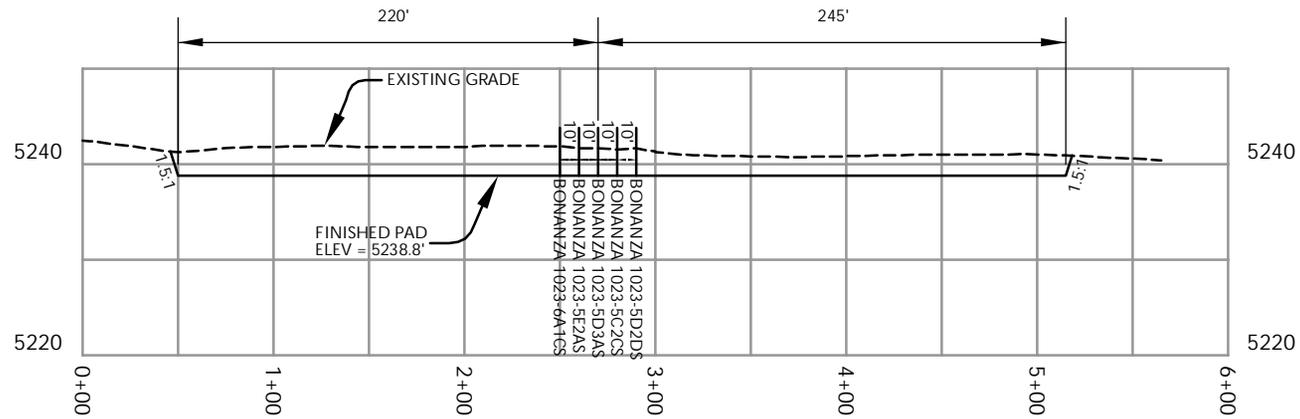
- EXISTING WELL LOCATION
- PROPOSED WELL LOCATION
- PROPOSED BOTTOM HOLE LOCATION
- EXISTING CONTOURS (2' INTERVAL)
- PROPOSED CONTOURS (2' INTERVAL)
- PROPOSED PIPELINE
- EXISTING PIPELINE



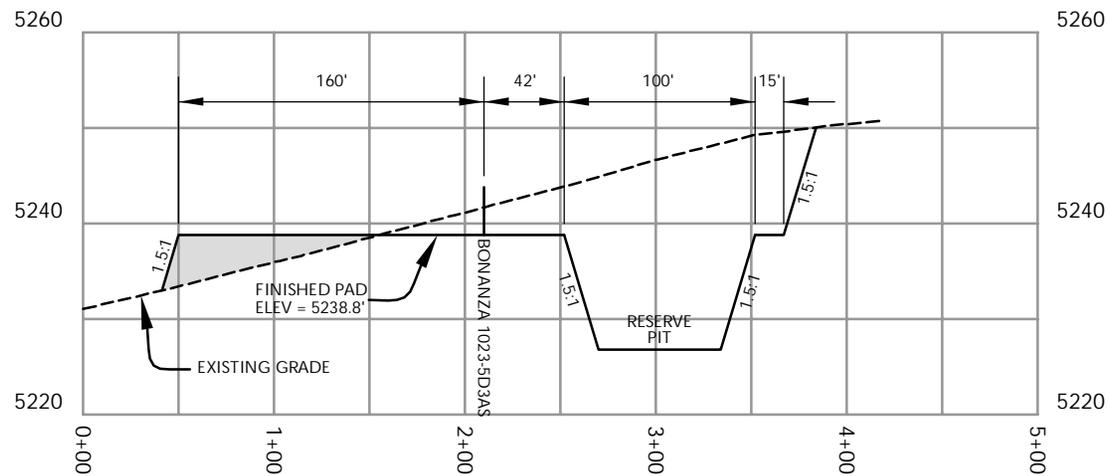
HORIZONTAL 0 30 60 1" = 60'
 2' CONTOURS

TIMBERLINE ENGINEERING & LAND SURVEYING, INC.
 209 NORTH 300 WEST - VERNAL, UTAH 84078
 (435) 789-1365

Scale: 1"=60' Date: 3/30/10 SHEET NO: 7 OF 17
 REVISED: SEA 6/25/10



CROSS SECTION A-A'



CROSS SECTION B-B'

NOTE: CROSS SECTION B-B' DEPICTS MAXIMUM RESERVE PIT DEPTH.

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street - Denver, Colorado 80202

WELL PAD - BONANZA 1023-5D

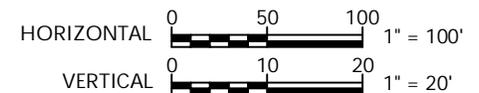
WELL PAD - CROSS SECTIONS
BONANZA 1023-6A1CS,
BONANZA 1023-5E2AS, BONANZA 1023-5D3AS,
BONANZA 1023-5C2CS & BONANZA 1023-5D2DS,
LOCATED IN SECTION 5, T10S, R23E,
S.L.B.&M., Uintah County, Utah



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TIMBERLINE
ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST - VERNAL, UTAH 84078

(435) 789-1365



Scale: 1"=100'

Date: 3/30/10

SHEET NO:

REVISED:

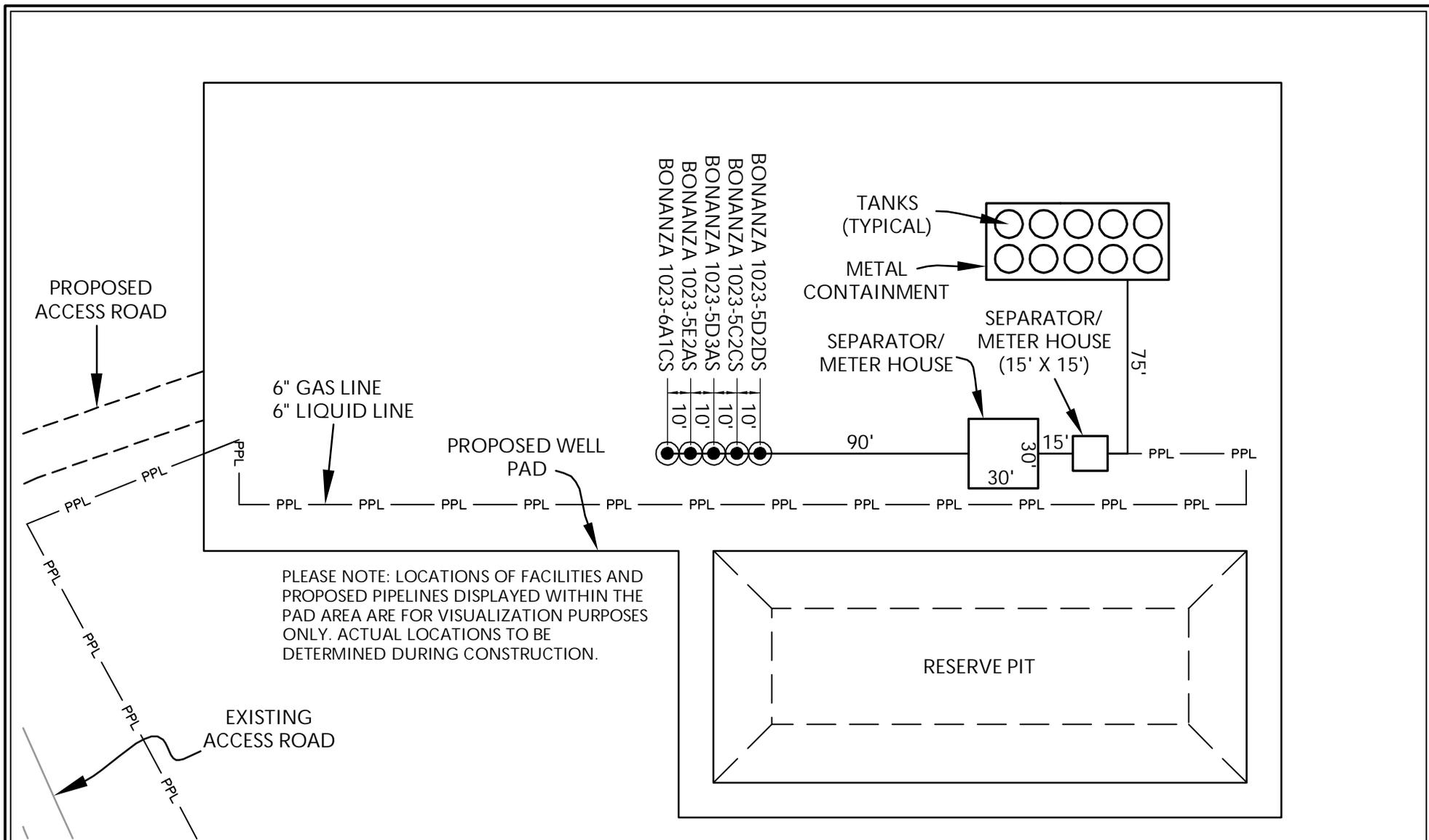
SEA
6/25/10

8

8 OF 17

RECEIVED: October 14, 2011

K:\ANADARKO\2010_11_BON_FOCUS_SEC_5-1023\DWG\BONANZA 1023-5D\1023-5D 20100602.dwg, 7/29/2010 11:44:30 PM



PLEASE NOTE: LOCATIONS OF FACILITIES AND PROPOSED PIPELINES DISPLAYED WITHIN THE PAD AREA ARE FOR VISUALIZATION PURPOSES ONLY. ACTUAL LOCATIONS TO BE DETERMINED DURING CONSTRUCTION.

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street - Denver, Colorado 80202

WELL PAD - BONANZA 1023-5D

WELL PAD - FACILITIES DIAGRAM
BONANZA 1023-6A1CS,
BONANZA 1023-5E2AS, BONANZA 1023-5D3AS,
BONANZA 1023-5C2CS & BONANZA 1023-5D2DS,
LOCATED IN SECTION 5, T10S, R23E,
S.L.B.&M., Uintah County, Utah



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371 Coffeen Avenue
Sheridan, WY 82801
Phone 307-674-0609
Fax 307-674-0182

WELL PAD LEGEND

- EXISTING WELL LOCATION
- PROPOSED WELL LOCATION
- PPL — PROPOSED PIPELINE
- EPL — EXISTING PIPELINE



HORIZONTAL 0 30' 60' 1" = 60'

TIMBERLINE (435) 789-1365
ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST - VERNAL, UTAH 84078

Scale: 1"=60' Date: 3/30/10
REVISED: SEA 6/25/10

SHEET NO:
9
9 OF 17

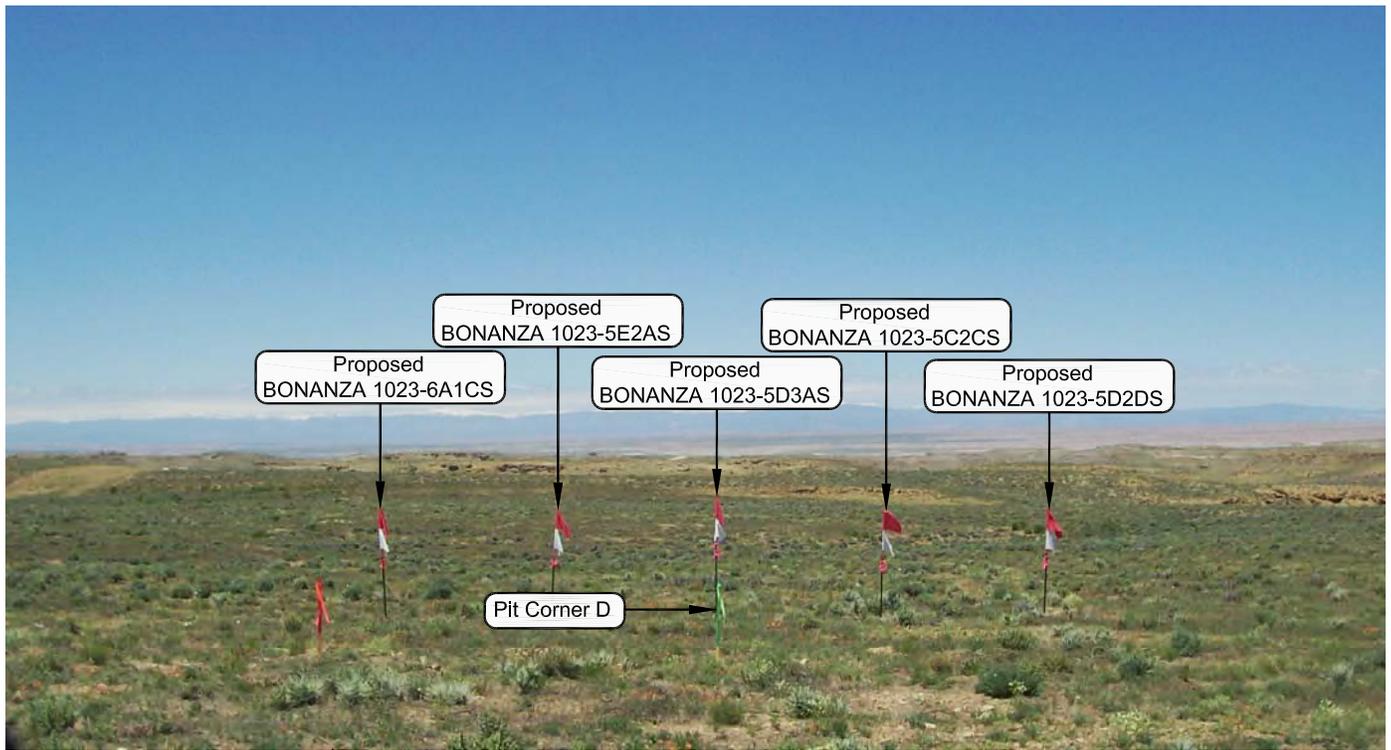


PHOTO VIEW: FROM PIT CORNER D TO LOCATION STAKES

CAMERA ANGLE: NORTHWESTERLY



PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: NORTHEASTERLY

Kerr-McGee Oil & Gas Onshore, LP
 1099 18th Street - Denver, Colorado 80202

WELL PAD - BONANZA 1023-5D

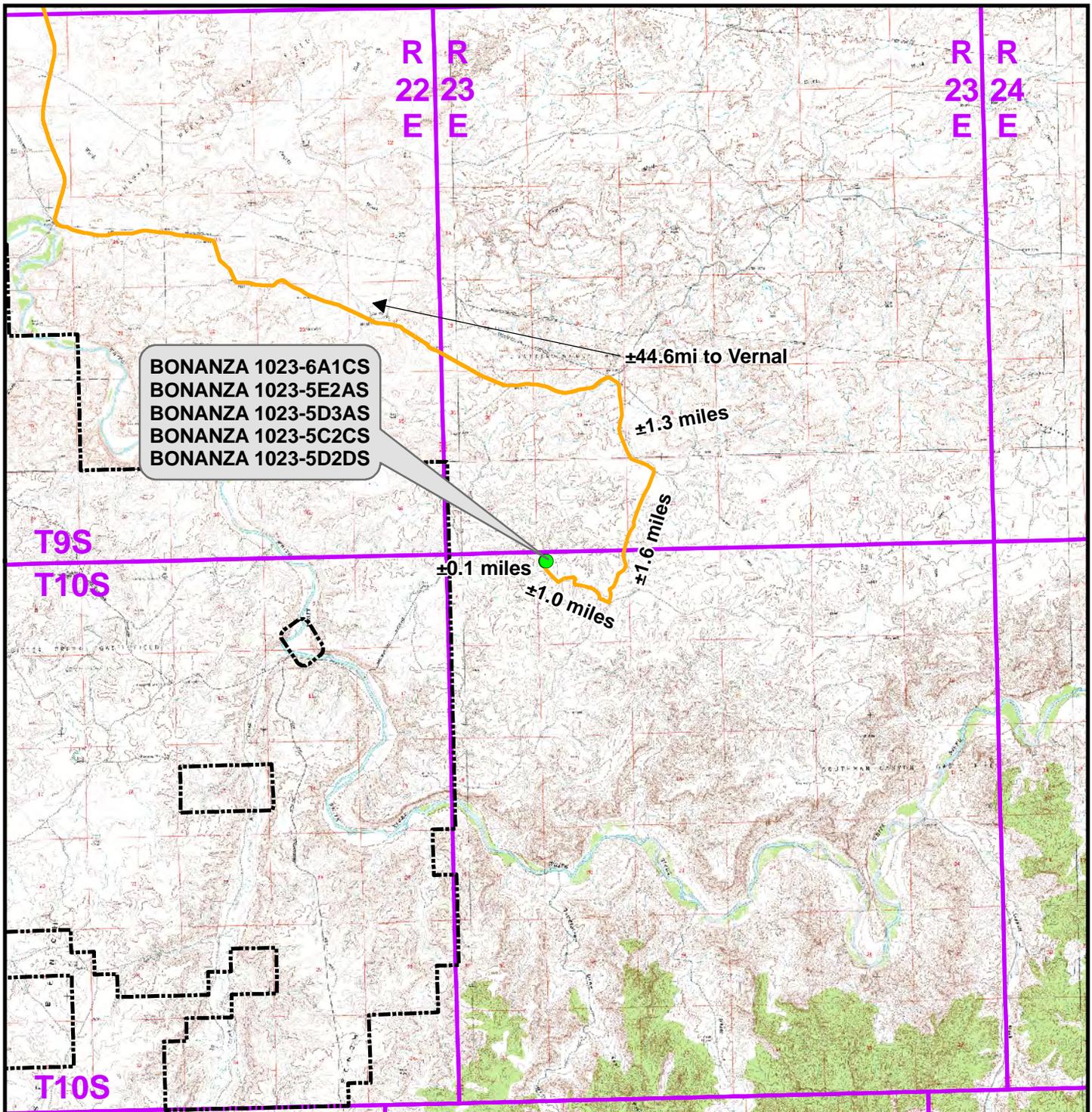
LOCATION PHOTOS
 BONANZA 1023-6A1CS, BONANZA 1023-5E2AS,
 BONANZA 1023-5D3AS, BONANZA 1023-5C2CS
 & BONANZA 1023-5D2DS
 LOCATED IN SECTION 5, T10S, R23E,
 S.L.B.&M., UINTAH COUNTY, UTAH.



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TIMBERLINE (435) 789-1365
 ENGINEERING & LAND SURVEYING, INC.
 209 NORTH 300 WEST - VERNAL, UTAH 84078

| | | |
|------------------------------------|-------------------------|------------------------|
| DATE PHOTOS TAKEN: 03-08-10 | PHOTOS TAKEN BY: M.S.B. | SHEET NO: 10 |
| DATE DRAWN: 03-09-10 | DRAWN BY: E.M.S. | |
| Date Last Revised: 05-28-10 E.M.S. | | 10 OF 17 |



Legend

- Proposed Well Location
- Natural Buttes Unit Boundary
- Access Route - Proposed

Distance From Well Pad - BONANZA 1023-5D To Unit Boundary: ±5,400ft

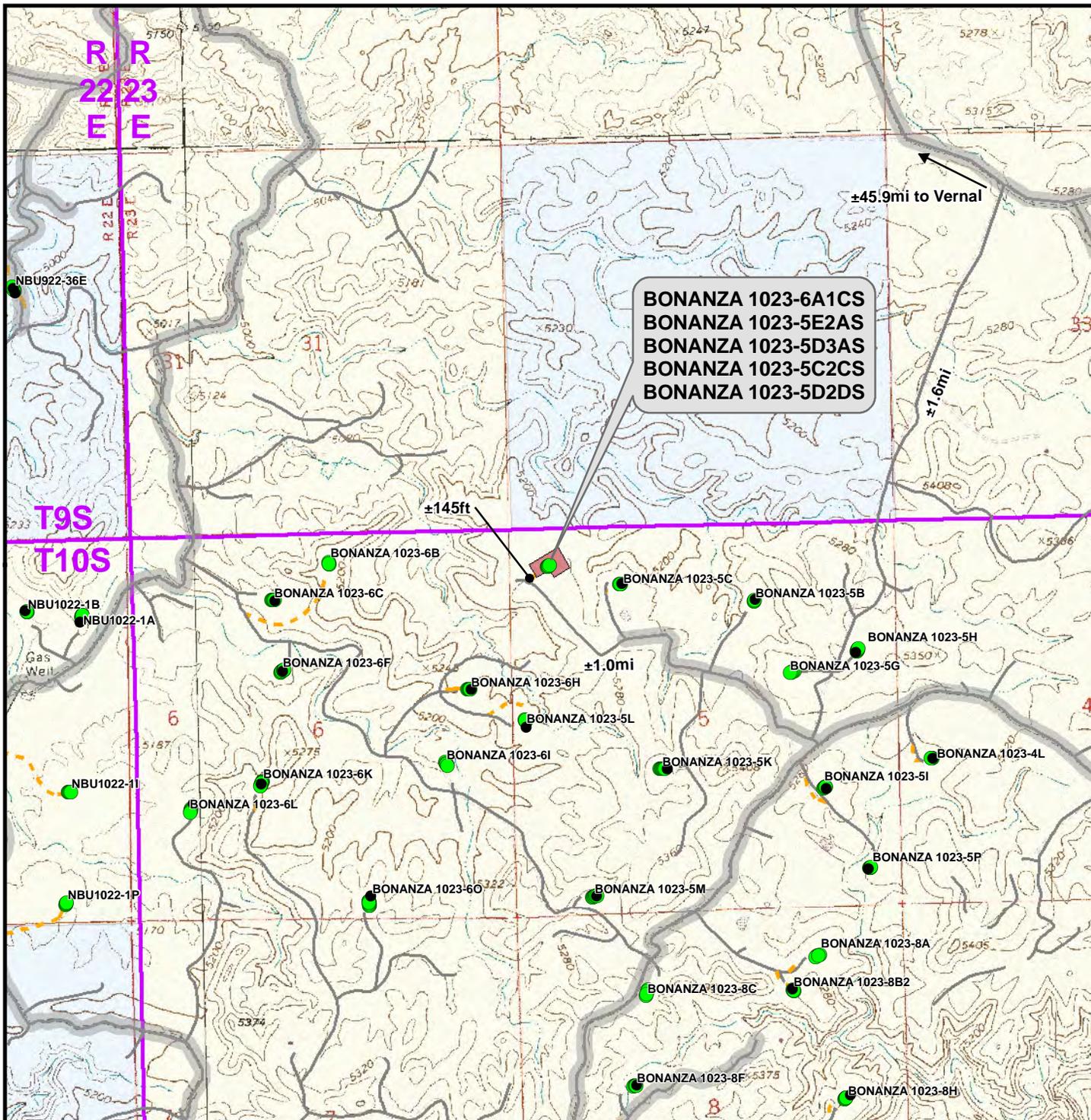
Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street, Denver, Colorado 80202

WELL PAD - BONANZA 1023-5D

TOPO A
BONANZA 1023-6A1CS, BONANZA 1023-5E2AS,
BONANZA 1023-5D3AS, BONANZA 1023-5C2CS &
BONANZA 1023-5D2DS
LOCATED IN SECTION 5, T10S, R23E
S.L.B.&M., UINTAH COUNTY, UTAH



| | | |
|------------------|--------------------|-----------|
| Scale: 1:100,000 | NAD83 USP Central | Sheet No: |
| Drawn: CPS | Date: 29 Mar 2010 | 11 |
| Revised: TL | Date: 25 June 2010 | |



Legend

- Well - Proposed
- Well - Existing
- Well Pad
- Road - Proposed
- Road - Existing
- County Road
- Bureau of Land Management
- Indian Reservation
- State
- Private

Total Proposed Road Length: ±145ft

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street, Denver, Colorado 80202

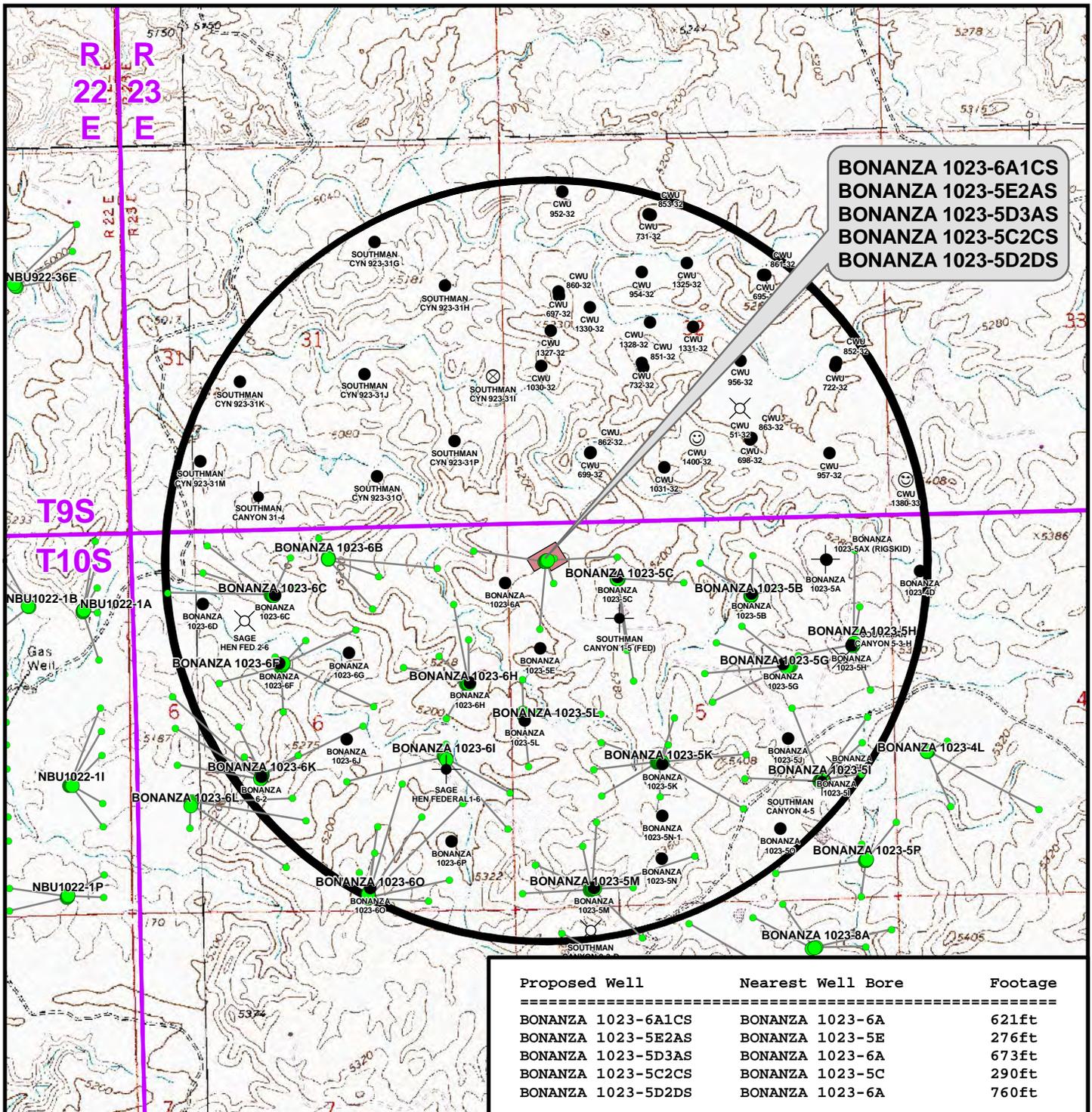
WELL PAD - BONANZA 1023-5D

TOPO B
BONANZA 1023-6A1CS, BONANZA 1023-5E2AS,
BONANZA 1023-5D3AS, BONANZA 1023-5C2CS &
BONANZA 1023-5D2DS
LOCATED IN SECTION 5, T10S, R23E
S.L.B.&M., UTAH COUNTY, UTAH

609
CONSULTING, LLC
371 Coffeen Avenue
Sheridan, WY 82801
Phone (307) 674-0609
Fax (307) 674-0182



| | | |
|---------------------|--------------------|------------------------------|
| Scale: 1" = 2,000ft | NAD83 USP Central | Sheet No: 12 of 17 |
| Drawn: CPS | Date: 29 Mar 2010 | |
| Revised: TL | Date: 25 June 2010 | |



| Proposed Well | Nearest Well Bore | Footage |
|--------------------|-------------------|---------|
| BONANZA 1023-6A1CS | BONANZA 1023-6A | 621ft |
| BONANZA 1023-5E2AS | BONANZA 1023-5E | 276ft |
| BONANZA 1023-5D3AS | BONANZA 1023-6A | 673ft |
| BONANZA 1023-5C2CS | BONANZA 1023-5C | 290ft |
| BONANZA 1023-5D2DS | BONANZA 1023-6A | 760ft |

Legend

- Well - Proposed
- Bottom Hole - Proposed
- Well Path
- Well Pad
- Well - 1 Mile Radius

Well locations derived from State of Utah, Dept. of Natural Resources, Division of Oil, Gas and Mining

- Producing
- ⊙ Active
- ⊙ Spudded (Drilling commenced; Not yet completed)
- ▲ Approved permit (APD); not yet spudded
- New Permit (Not yet approved or drilled)
- ⊕ Inactive
- ⊗ Drilling Operations Suspended
- Temporarily-Abandoned
- Shut-In
- Plugged and Abandoned
- ⊗ Location Abandoned
- ⊗ Dry hole marker, buried
- ⊗ Returned APD (Unapproved)

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street, Denver, Colorado 80202

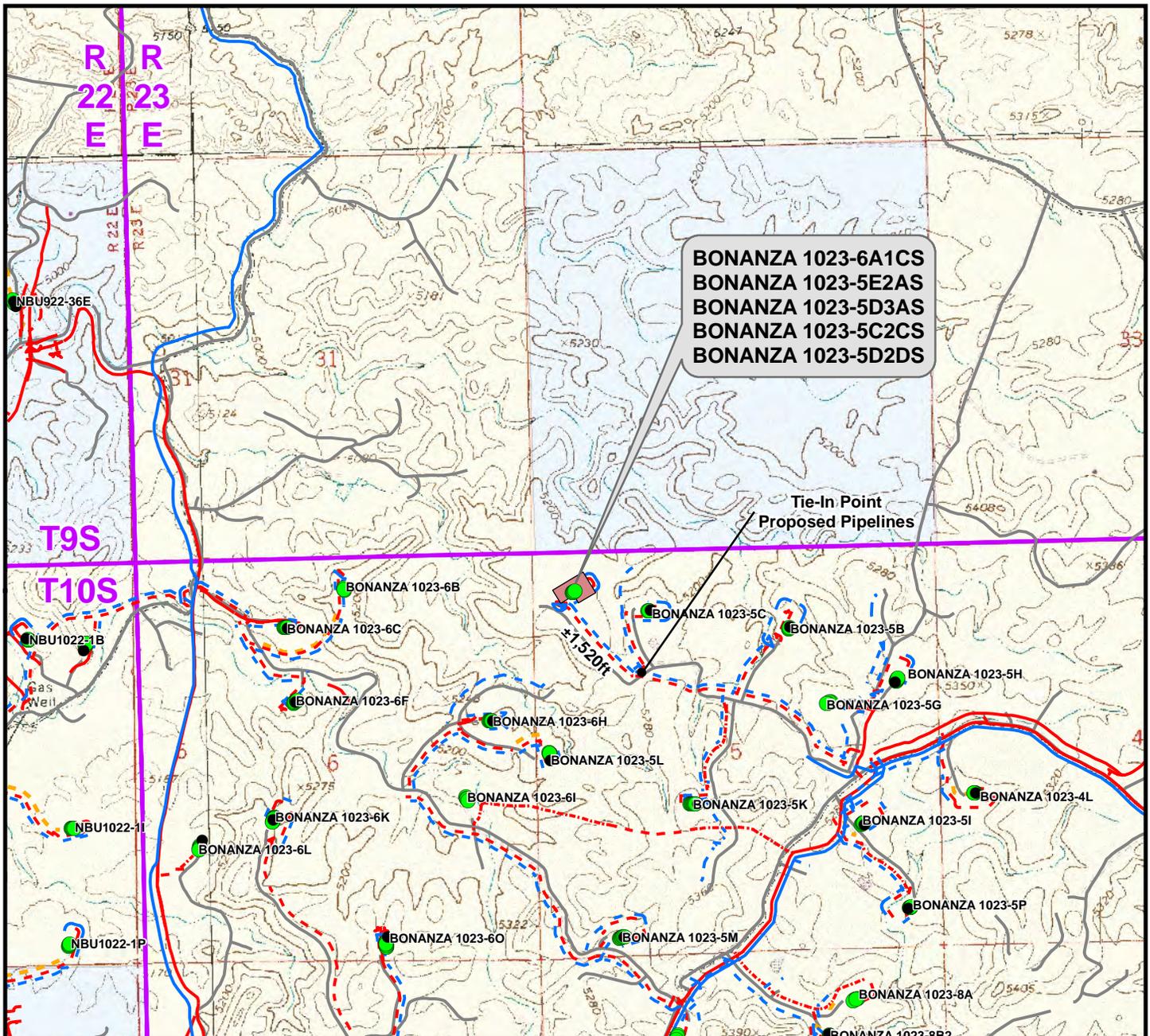
WELL PAD - BONANZA 1023-5D

TOPO C
BONANZA 1023-6A1CS, BONANZA 1023-5E2AS,
BONANZA 1023-5D3AS, BONANZA 1023-5C2CS &
BONANZA 1023-5D2DS
LOCATED IN SECTION 5, T10S, R23E
S.L.B.&M., UINTAH COUNTY, UTAH

CONSULTING, LLC
371 Coffeen Avenue
Sheridan, WY 82801
Phone (307) 674-0609
Fax (307) 674-0182



| | | |
|---------------------|--------------------|------------------------|
| Scale: 1" = 2,000ft | NAD83 USP Central | Sheet No: 13 |
| Drawn: CPS | Date: 29 Mar 2010 | 13 of 17 |
| Revised: TL | Date: 25 June 2010 | |



**BONANZA 1023-6A1CS
 BONANZA 1023-5E2AS
 BONANZA 1023-5D3AS
 BONANZA 1023-5C2CS
 BONANZA 1023-5D2DS**

**Tie-In Point
 Proposed Pipelines**

| Proposed Liquid Pipeline | Length |
|--|------------------|
| Proposed 6" (First Meter House to Edge of Pad) | ±570ft |
| Proposed 6" (Edge of Pad to 5C Intersection) | ±1,520ft |
| TOTAL PROPOSED LIQUID PIPELINE = | ± 2,090ft |

| Proposed Gas Pipeline | Length |
|--|-----------------|
| Proposed 6" (First Meter House to Edge of Pad) | ±570ft |
| Proposed 6" (Edge of Pad to 5C Intersection) | ±1,520ft |
| TOTAL PROPOSED GAS PIPELINE = | ±2,090ft |

Legend

- Well - Proposed - - - Gas Pipeline - Proposed - - - Liquid Pipeline - Proposed - - - Road - Proposed Bureau of Land Management
- Well - Existing - - - Gas Pipeline - To Be Upgraded - - - Liquid Pipeline - To Be Upgraded - - - Road - Existing Indian Reservation
- Well Pad - - - Gas Pipeline - Existing - - - Liquid Pipeline - Existing

Kerr-McGee Oil & Gas Onshore, LP
 1099 18th Street, Denver, Colorado 80202

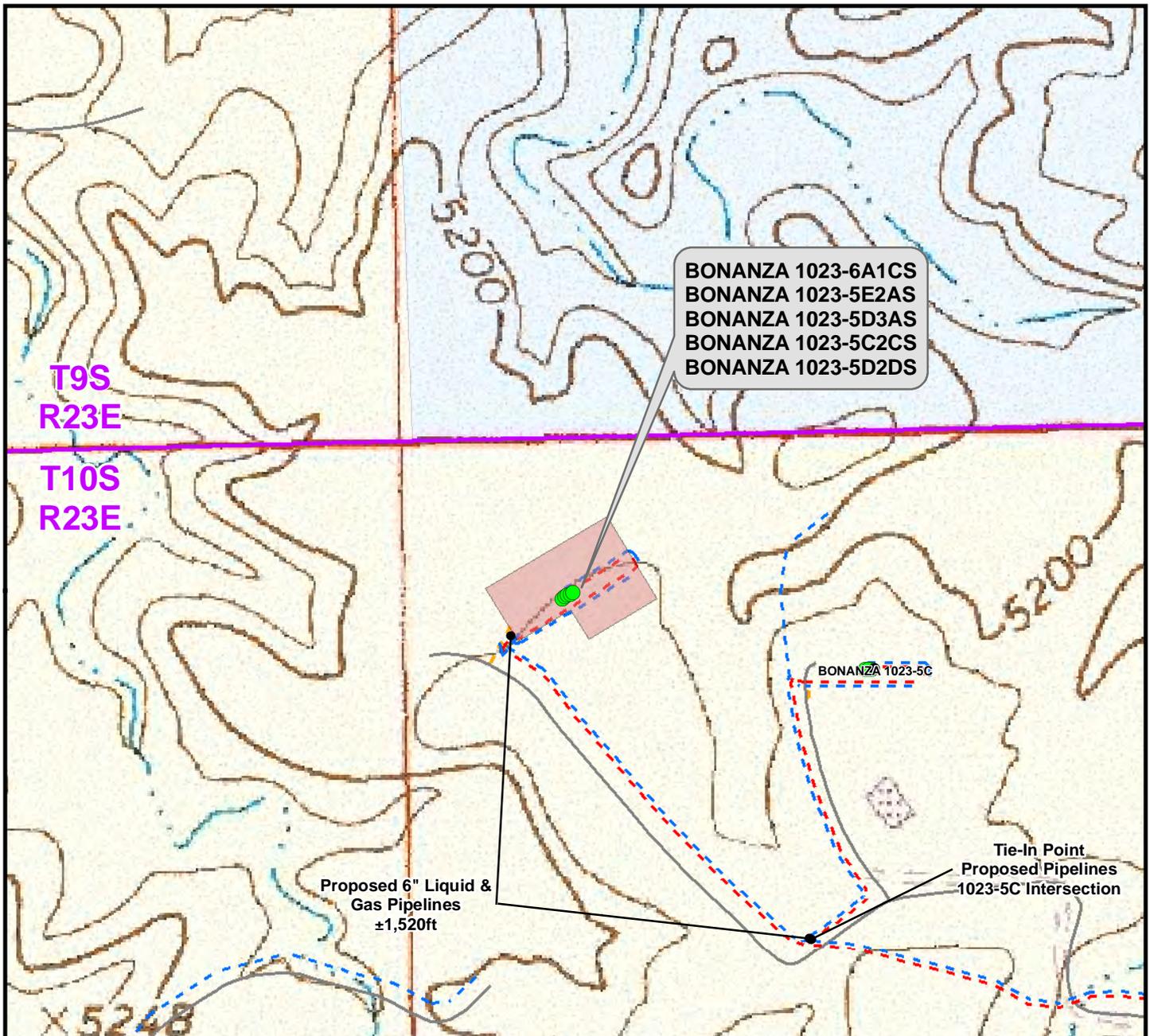
WELL PAD - BONANZA 1023-5D

TOPO D
BONANZA 1023-6A1CS, BONANZA 1023-5E2AS,
BONANZA 1023-5D3AS, BONANZA 1023-5C2CS &
BONANZA 1023-5D2DS
LOCATED IN SECTION 5, T10S, R23E
S.L.B.&M., UINTAH COUNTY, UTAH

609
CONSULTING, LLC
 371 Coffeen Avenue
 Sheridan, WY 82801
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 Fax (307) 674-0182



| | | |
|---------------------|--------------------|--------------------|
| Scale: 1" = 2,000ft | NAD83 USP Central | Sheet No: |
| Drawn: CPS | Date: 29 Mar 2010 | 14 14 of 17 |
| Revised: TL | Date: 25 June 2010 | |



| Proposed Liquid Pipeline | Length | Proposed Gas Pipeline | Length |
|--|------------------|--|-----------------|
| Proposed 6" (First Meter House to Edge of Pad) | ±570ft | Proposed 6" (First Meter House to Edge of Pad) | ±570ft |
| Proposed 6" (Edge of Pad to 5C Intersection) | ±1,520ft | Proposed 6" (Edge of Pad to 5C Intersection) | ±1,520ft |
| TOTAL PROPOSED LIQUID PIPELINE = | ± 2,090ft | TOTAL PROPOSED GAS PIPELINE = | ±2,090ft |

Legend

- Well - Proposed
- - - Gas Pipeline - Proposed
- - - Liquid Pipeline - Proposed
- - - Road - Proposed
- Bureau of Land Management
- Well - Existing
- - - Gas Pipeline - To Be Upgraded
- - - Liquid Pipeline - To Be Upgraded
- - - Road - Existing
- Indian Reservation
- Well Pad
- - - Gas Pipeline - Existing
- - - Liquid Pipeline - Existing
- State
- Private

Kerr-McGee Oil & Gas Onshore, LP
 1099 18th Street, Denver, Colorado 80202

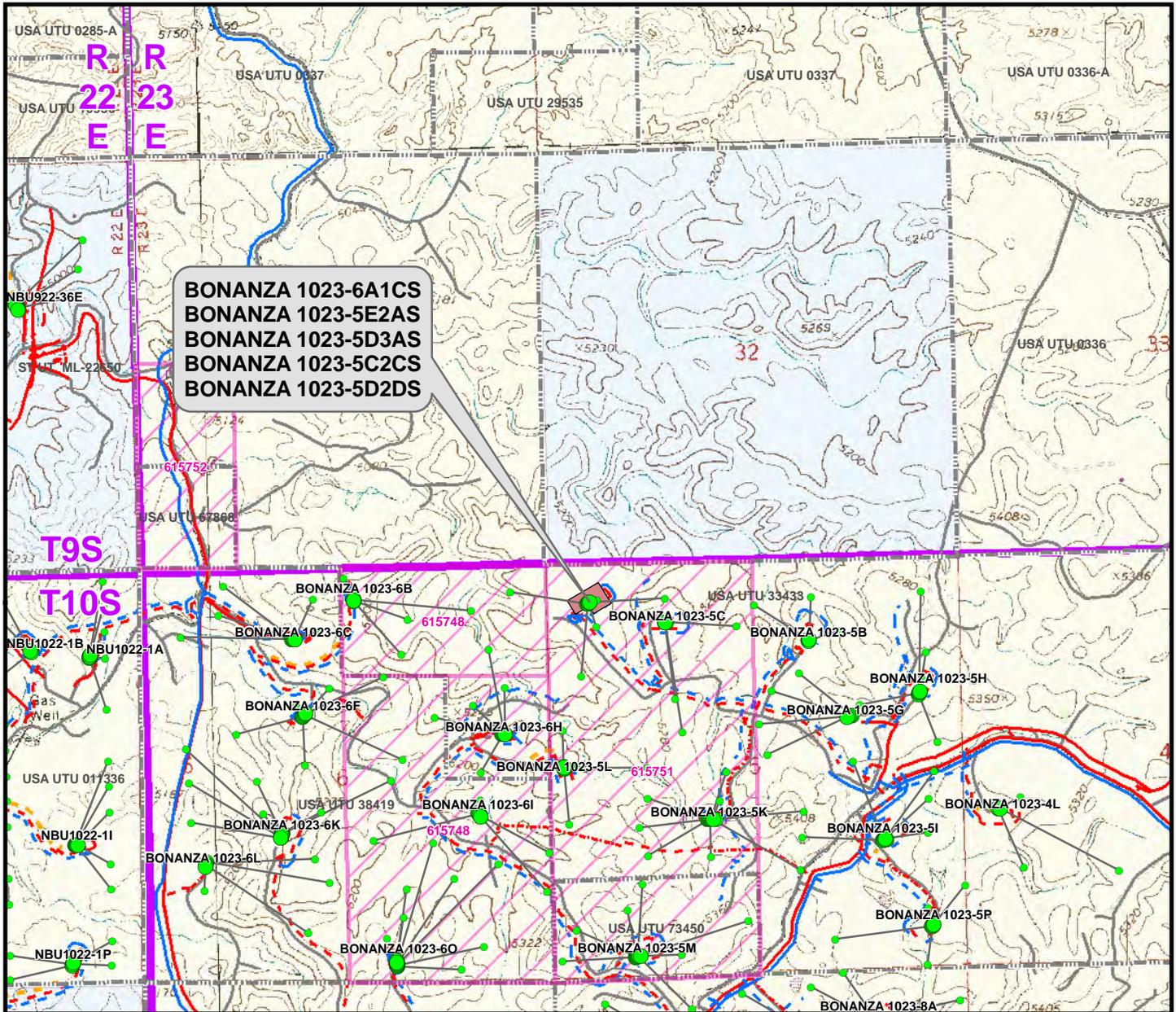
WELL PAD - BONANZA 1023-5D

TOPO D (PAD & PIPELINE DETAIL)
 BONANZA 1023-6A1CS, BONANZA 1023-5E2AS,
 BONANZA 1023-5D3AS, BONANZA 1023-5C2CS &
 BONANZA 1023-5D2DS
 LOCATED IN SECTION 5, T10S, R23E
 S.L.B.&M., UINTAH COUNTY, UTAH

609 CONSULTING, LLC
 371 Coffeen Avenue
 Sheridan, WY 82801
 Phone (307) 674-0609
 Fax (307) 674-0182

Scale: 1" = 500ft | NAD83 USP Central | Sheet No: **15** of 17

Drawn: CPS | Date: 29 Mar 2010
 Revised: TL | Date: 25 June 2010



**BONANZA 1023-6A1CS
 BONANZA 1023-5E2AS
 BONANZA 1023-5D3AS
 BONANZA 1023-5C2CS
 BONANZA 1023-5D2DS**

| Proposed Well | Distance to Nearest CA Boundary |
|--------------------|---------------------------------|
| BONANZA 1023-6A1CS | 361ft |
| BONANZA 1023-5E2AS | 384ft |
| BONANZA 1023-5D3AS | 591ft |
| BONANZA 1023-5C2CS | 485ft |
| BONANZA 1023-5D2DS | 485ft |

| Proposed Well | Distance To Nearest Lease Boundary |
|--------------------|------------------------------------|
| BONANZA 1023-6A1CS | 621ft |
| BONANZA 1023-5E2AS | 1,257ft |
| BONANZA 1023-5D3AS | 840ft |
| BONANZA 1023-5C2CS | 485ft |
| BONANZA 1023-5D2DS | 485ft |

Legend

- Well - Proposed (Green circle)
- Bottom Hole - Proposed (Green dot)
- Well Path (Black line)
- Well Pad (Red shaded area)
- CA Agreement (Pink shaded area)
- Lease Boundary (Black dashed line)
- Gas Pipeline - Proposed (Red dashed line)
- Gas Pipeline - To Be Upgraded (Red dotted line)
- Gas Pipeline - Existing (Red solid line)
- Liquid Pipeline - Proposed (Blue dashed line)
- Liquid Pipeline - To Be Upgraded (Blue dotted line)
- Liquid Pipeline - Existing (Blue solid line)
- Road - Proposed (Orange dashed line)
- Road - Existing (Grey solid line)
- Bureau of Land Management (Yellow shaded area)
- Indian Reservation (Red shaded area)
- State (Light blue shaded area)
- Private (White shaded area)

Kerr-McGee Oil & Gas Onshore, LP
 1099 18th Street, Denver, Colorado 80202

WELL PAD - BONANZA 1023-5D

TOPO E
 BONANZA 1023-6A1CS, BONANZA 1023-5E2AS,
 BONANZA 1023-5D3AS, BONANZA 1023-5C2CS &
 BONANZA 1023-5D2DS
 LOCATED IN SECTION 5, T10S, R23E
 S.L.B.&M., UTAH COUNTY, UTAH

609
 CONSULTING, LLC
 371 Coffeen Avenue
 Sheridan, WY 82801
 Phone (307) 674-0609
 Fax (307) 674-0182

Scale: 1" = 2,000ft | NAD83 USP Central | Sheet No: **16** of 17

Drawn: CPS | Date: 29 Mar 2010
 Revised: TL | Date: 25 June 2010

**Kerr-McGee Oil & Gas Onshore, LP
WELL PAD – BONANZA 1023-5D
WELLS – BONANZA 1023-6A1CS, BONANZA 1023-5E2AS,
BONANZA 1023-5D3AS, BONANZA 1023-5C2CS &
BONANZA 1023-5D2DS
Section 5, T10S, R23E, S.L.B.&M.**

From the intersection of U.S. Highway 40 and 500 East Street in Vernal, Utah proceed in an easterly then southerly direction along U.S. Highway 40 approximately 3.3 miles to the junction of State Highway 45; exit right and proceed in a southerly direction along State Highway 45 approximately 20.2 miles to the junction of the Glen Bench Road (County B Road 3260). Exit right and proceed in a southwesterly direction along the Glen Bench Road approximately 14.4 miles to the intersection of the Chipeta Wells Road (County B Road 3410) which road intersection is approximately 400 feet northeast of the Mountain Fuel Bridge, at the White River. Exit left and proceed in a southeasterly direction along the Chipeta Wells Road approximately 6.7 miles to a Class D County Road to the right. Exit right and proceed in a southeasterly then southerly direction along the Class D Road approximately 1.3 miles to a second Class D County Road to the right. Exit right and proceed in a southwesterly direction along second Class D Road approximately 1.6 miles to a third Class D County Road to the right. Exit right and proceed in a northwesterly direction along third Class D Road approximately 1.0 miles to a proposed access road to the right. Exit right and follow the road flags in a northeasterly direction approximately 145 feet to the proposed well pad.

Total distance from Vernal, Utah to the proposed well location is approximately 48.5 miles in a southerly direction.

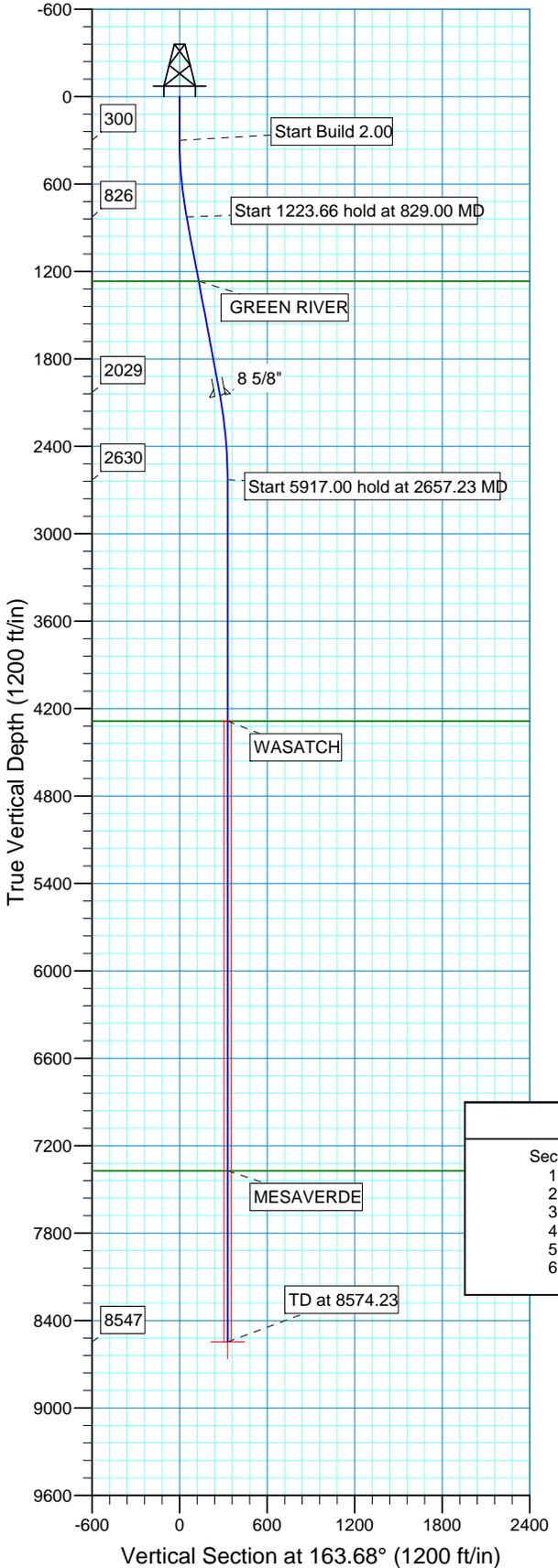


Kerr McGee Oil and Gas Onshore LP

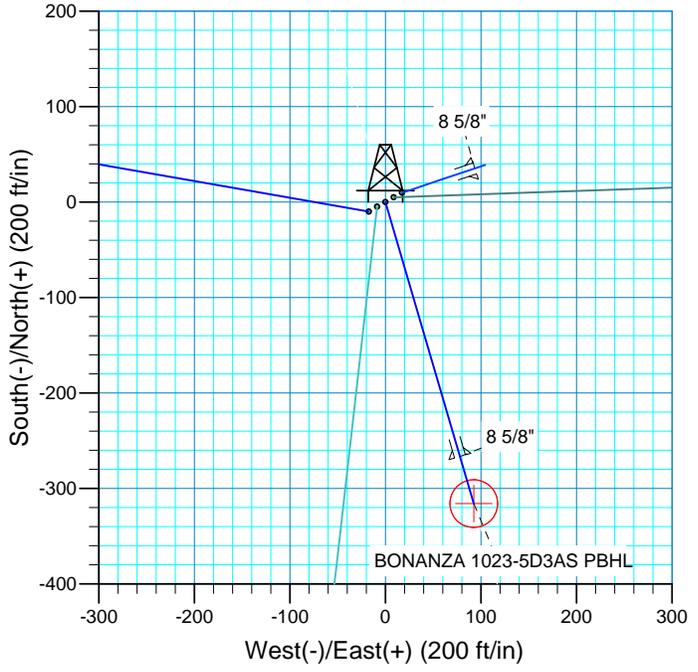
| WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG) | | | | | | | | | |
|---|---------|---------|------------------|--------------------------|-------------------|------------------------|-----------|-------|--|
| Name | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | Shape | |
| PBHL | 8547.00 | -315.78 | 92.4614524082.79 | 2100582.9039° 58' 58.696 | 109° 21' 26.420 W | Circle (Radius: 25.00) | | | |

T M Azimuths to True North
 Magnetic North: 11.13°

Magnetic Field
 Strength: 52427.3snT
 Dip Angle: 65.90°
 Date: 07/22/2010
 Model: IGRF2010



| WELL DETAILS: Bonanza 1023-5D3AS | | | | | | | |
|----------------------------------|-------|-------------|------------|-----------------|-------------------|--|--|
| +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | GL 5239' & RKB 14' @ 5253.00ft (ASSUMED) 5239.00 | |
| 0.00 | 0.00 | 14524396.82 | 2100484.63 | 39° 59' 1.817 N | 109° 21' 27.608 W | | |



| SECTION DETAILS | | | | | | | | | | |
|-----------------|---------|-------|--------|---------|---------|-------|------|--------|--------|-------------------------|
| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | DLeg | TFace | VSec | Target |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 2 | 300.00 | 0.00 | 0.00 | 300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3 | 829.00 | 10.58 | 163.68 | 826.00 | -46.74 | 13.69 | 2.00 | 163.68 | 48.70 | |
| 4 | 2052.66 | 10.58 | 163.68 | 2028.85 | -262.36 | 76.82 | 0.00 | 0.00 | 273.38 | |
| 5 | 2657.23 | 0.00 | 0.00 | 2630.00 | -315.78 | 92.46 | 1.75 | 180.00 | 329.04 | |
| 6 | 8574.23 | 0.00 | 0.00 | 8547.00 | -315.78 | 92.46 | 0.00 | 0.00 | 329.04 | BONANZA 1023-5D3AS PBHL |

| FORMATION TOP DETAILS | | |
|-----------------------|---------|-------------|
| TVDPath | MDPath | Formation |
| 1268.00 | 1278.65 | GREEN RIVER |
| 4287.00 | 4314.23 | WASATCH |
| 7372.00 | 7399.23 | MESAVERDE |

| PROJECT DETAILS: Uintah County, UT UTM12 | |
|--|--|
| Geodetic System: | Universal Transverse Mercator (US Survey Feet) |
| Datum: | NAD 1927 - Western US |
| Ellipsoid: | Clarke 1866 |
| Zone: | Zone 12N (114 W to 108 W) |
| Location: | SEC 5 T10S R23W |
| System Datum: | Mean Sea Level |
| Local North: | True |

Plan: PLAN #1 (Bonanza 1023-5D3AS/OH)
 Created By: Robert H. Scott Date: 9:40, July 22 2010



Kerr McGee Oil and Gas Onshore LP

**Uintah County, UT UTM12
Bonanza 1023-5D Pad
Bonanza 1023-5D3AS
OH**

Plan: PLAN #1

Standard Planning Report

22 July, 2010





SDI
Planning Report



| | | | |
|------------------|-----------------------------------|-------------------------------------|--|
| Database: | EDM 2003.16 Single User Db | Local Co-ordinate Reference: | Well Bonanza 1023-5D3AS |
| Company: | Kerr McGee Oil and Gas Onshore LP | TVD Reference: | GL 5239' & RKB 14' @ 5253.00ft (ASSUMED) |
| Project: | Uintah County, UT UTM12 | MD Reference: | GL 5239' & RKB 14' @ 5253.00ft (ASSUMED) |
| Site: | Bonanza 1023-5D Pad | North Reference: | True |
| Well: | Bonanza 1023-5D3AS | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | PLAN #1 | | |

| | | | |
|--------------------|--|----------------------|----------------|
| Project | Uintah County, UT UTM12 | | |
| Map System: | Universal Transverse Mercator (US Survey Fee | System Datum: | Mean Sea Level |
| Geo Datum: | NAD 1927 - Western US | | |
| Map Zone: | Zone 12N (114 W to 108 W) | | |

| | | | | | |
|------------------------------|--------------------------------------|---------------------|------------------|--------------------------|-------------------|
| Site | Bonanza 1023-5D Pad, SEC 5 T10S R23W | | | | |
| Site Position: | | Northing: | 14,524,406.97 ft | Latitude: | 39° 59' 1.914 N |
| From: | Lat/Long | Easting: | 2,100,501.82 ft | Longitude: | 109° 21' 27.385 W |
| Position Uncertainty: | 0.00 ft | Slot Radius: | in | Grid Convergence: | 1.06 ° |

| | | | | | | |
|-----------------------------|---------------------------------------|---------|----------------------------|------------------|----------------------|-------------------|
| Well | Bonanza 1023-5D3AS, 524' FNL 499' FWL | | | | | |
| Well Position | +N/-S | 0.00 ft | Northing: | 14,524,396.82 ft | Latitude: | 39° 59' 1.817 N |
| | +E/-W | 0.00 ft | Easting: | 2,100,484.63 ft | Longitude: | 109° 21' 27.608 W |
| Position Uncertainty | | 0.00 ft | Wellhead Elevation: | ft | Ground Level: | 5,239.00 ft |

| | |
|-----------------|----|
| Wellbore | OH |
|-----------------|----|

| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
|-----------|------------|-------------|-----------------|---------------|---------------------|
| | IGRF2010 | 07/22/2010 | 11.13 | 65.91 | 52,427 |

| | |
|---------------|---------|
| Design | PLAN #1 |
|---------------|---------|

| | |
|--------------------------|---|
| Audit Notes: | |
| Version: | Phase: PLAN Tie On Depth: 0.00 |
| Vertical Section: | Depth From (TVD) (ft) +N/-S (ft) +E/-W (ft) Direction (°) |
| | 0.00 0.00 0.00 163.68 |

| Plan Sections | | | | | | | | | | |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|----------------------|---------------------|---------|-----------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | TFO (°) | Target |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 300.00 | 0.00 | 0.00 | 300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 829.00 | 10.58 | 163.68 | 826.00 | -46.74 | 13.69 | 2.00 | 2.00 | 0.00 | 163.68 | |
| 2,052.66 | 10.58 | 163.68 | 2,028.85 | -262.36 | 76.82 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 2,657.23 | 0.00 | 0.00 | 2,630.00 | -315.78 | 92.46 | 1.75 | -1.75 | 0.00 | 180.00 | |
| 8,574.23 | 0.00 | 0.00 | 8,547.00 | -315.78 | 92.46 | 0.00 | 0.00 | 0.00 | 0.00 | BONANZA 1023-5E |



| | | | |
|------------------|-----------------------------------|-------------------------------------|--|
| Database: | EDM 2003.16 Single User Db | Local Co-ordinate Reference: | Well Bonanza 1023-5D3AS |
| Company: | Kerr McGee Oil and Gas Onshore LP | TVD Reference: | GL 5239' & RKB 14' @ 5253.00ft (ASSUMED) |
| Project: | Uintah County, UT UTM12 | MD Reference: | GL 5239' & RKB 14' @ 5253.00ft (ASSUMED) |
| Site: | Bonanza 1023-5D Pad | North Reference: | True |
| Well: | Bonanza 1023-5D3AS | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | PLAN #1 | | |

Planned Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|---|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 100.00 | 0.00 | 0.00 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 200.00 | 0.00 | 0.00 | 200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 300.00 | 0.00 | 0.00 | 300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Start Build 2.00 | | | | | | | | | |
| 400.00 | 2.00 | 163.68 | 399.98 | -1.67 | 0.49 | 1.75 | 2.00 | 2.00 | 0.00 |
| 500.00 | 4.00 | 163.68 | 499.84 | -6.70 | 1.96 | 6.98 | 2.00 | 2.00 | 0.00 |
| 600.00 | 6.00 | 163.68 | 599.45 | -15.06 | 4.41 | 15.69 | 2.00 | 2.00 | 0.00 |
| 700.00 | 8.00 | 163.68 | 698.70 | -26.76 | 7.83 | 27.88 | 2.00 | 2.00 | 0.00 |
| 800.00 | 10.00 | 163.68 | 797.47 | -41.77 | 12.23 | 43.52 | 2.00 | 2.00 | 0.00 |
| 829.00 | 10.58 | 163.68 | 826.00 | -46.74 | 13.69 | 48.70 | 2.00 | 2.00 | 0.00 |
| Start 1223.66 hold at 829.00 MD | | | | | | | | | |
| 900.00 | 10.58 | 163.68 | 895.79 | -59.25 | 17.35 | 61.74 | 0.00 | 0.00 | 0.00 |
| 1,000.00 | 10.58 | 163.68 | 994.09 | -76.87 | 22.51 | 80.10 | 0.00 | 0.00 | 0.00 |
| 1,100.00 | 10.58 | 163.68 | 1,092.39 | -94.49 | 27.67 | 98.46 | 0.00 | 0.00 | 0.00 |
| 1,200.00 | 10.58 | 163.68 | 1,190.69 | -112.11 | 32.83 | 116.82 | 0.00 | 0.00 | 0.00 |
| 1,278.65 | 10.58 | 163.68 | 1,268.00 | -125.97 | 36.89 | 131.26 | 0.00 | 0.00 | 0.00 |
| GREEN RIVER | | | | | | | | | |
| 1,300.00 | 10.58 | 163.68 | 1,288.99 | -129.74 | 37.99 | 135.18 | 0.00 | 0.00 | 0.00 |
| 1,400.00 | 10.58 | 163.68 | 1,387.29 | -147.36 | 43.15 | 153.54 | 0.00 | 0.00 | 0.00 |
| 1,500.00 | 10.58 | 163.68 | 1,485.59 | -164.98 | 48.31 | 171.90 | 0.00 | 0.00 | 0.00 |
| 1,600.00 | 10.58 | 163.68 | 1,583.89 | -182.60 | 53.47 | 190.27 | 0.00 | 0.00 | 0.00 |
| 1,700.00 | 10.58 | 163.68 | 1,682.19 | -200.22 | 58.63 | 208.63 | 0.00 | 0.00 | 0.00 |
| 1,800.00 | 10.58 | 163.68 | 1,780.49 | -217.84 | 63.79 | 226.99 | 0.00 | 0.00 | 0.00 |
| 1,900.00 | 10.58 | 163.68 | 1,878.79 | -235.46 | 68.95 | 245.35 | 0.00 | 0.00 | 0.00 |
| 2,000.00 | 10.58 | 163.68 | 1,977.09 | -253.08 | 74.11 | 263.71 | 0.00 | 0.00 | 0.00 |
| 2,052.66 | 10.58 | 163.68 | 2,028.85 | -262.36 | 76.82 | 273.38 | 0.00 | 0.00 | 0.00 |
| Start Drop -1.75 | | | | | | | | | |
| 2,076.19 | 10.17 | 163.68 | 2,052.00 | -266.43 | 78.01 | 277.62 | 1.75 | -1.75 | 0.00 |
| 8 5/8" | | | | | | | | | |
| 2,100.00 | 9.75 | 163.68 | 2,075.45 | -270.38 | 79.17 | 281.73 | 1.75 | -1.75 | 0.00 |
| 2,200.00 | 8.00 | 163.68 | 2,174.25 | -285.19 | 83.51 | 297.16 | 1.75 | -1.75 | 0.00 |
| 2,300.00 | 6.25 | 163.68 | 2,273.47 | -297.10 | 86.99 | 309.57 | 1.75 | -1.75 | 0.00 |
| 2,400.00 | 4.50 | 163.68 | 2,373.03 | -306.09 | 89.63 | 318.94 | 1.75 | -1.75 | 0.00 |
| 2,500.00 | 2.75 | 163.68 | 2,472.83 | -312.16 | 91.40 | 325.26 | 1.75 | -1.75 | 0.00 |
| 2,600.00 | 1.00 | 163.68 | 2,572.77 | -315.30 | 92.32 | 328.54 | 1.75 | -1.75 | 0.00 |
| 2,657.23 | 0.00 | 0.00 | 2,630.00 | -315.78 | 92.46 | 329.04 | 1.75 | -1.75 | 0.00 |
| Start 5917.00 hold at 2657.23 MD | | | | | | | | | |
| 2,700.00 | 0.00 | 0.00 | 2,672.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 2,800.00 | 0.00 | 0.00 | 2,772.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 2,900.00 | 0.00 | 0.00 | 2,872.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 3,000.00 | 0.00 | 0.00 | 2,972.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 3,100.00 | 0.00 | 0.00 | 3,072.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 3,200.00 | 0.00 | 0.00 | 3,172.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 3,300.00 | 0.00 | 0.00 | 3,272.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 3,400.00 | 0.00 | 0.00 | 3,372.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 3,500.00 | 0.00 | 0.00 | 3,472.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 3,600.00 | 0.00 | 0.00 | 3,572.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 3,700.00 | 0.00 | 0.00 | 3,672.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 3,800.00 | 0.00 | 0.00 | 3,772.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 3,900.00 | 0.00 | 0.00 | 3,872.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 4,000.00 | 0.00 | 0.00 | 3,972.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 4,100.00 | 0.00 | 0.00 | 4,072.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |



| | | | |
|------------------|-----------------------------------|-------------------------------------|--|
| Database: | EDM 2003.16 Single User Db | Local Co-ordinate Reference: | Well Bonanza 1023-5D3AS |
| Company: | Kerr McGee Oil and Gas Onshore LP | TVD Reference: | GL 5239' & RKB 14' @ 5253.00ft (ASSUMED) |
| Project: | Uintah County, UT UTM12 | MD Reference: | GL 5239' & RKB 14' @ 5253.00ft (ASSUMED) |
| Site: | Bonanza 1023-5D Pad | North Reference: | True |
| Well: | Bonanza 1023-5D3AS | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | PLAN #1 | | |

Planned Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|--------------------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 4,200.00 | 0.00 | 0.00 | 4,172.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 4,300.00 | 0.00 | 0.00 | 4,272.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 4,314.23 | 0.00 | 0.00 | 4,287.00 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| WASATCH | | | | | | | | | |
| 4,400.00 | 0.00 | 0.00 | 4,372.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 4,500.00 | 0.00 | 0.00 | 4,472.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 4,600.00 | 0.00 | 0.00 | 4,572.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 4,700.00 | 0.00 | 0.00 | 4,672.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 4,800.00 | 0.00 | 0.00 | 4,772.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 4,900.00 | 0.00 | 0.00 | 4,872.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 5,000.00 | 0.00 | 0.00 | 4,972.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 5,100.00 | 0.00 | 0.00 | 5,072.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 5,200.00 | 0.00 | 0.00 | 5,172.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 5,300.00 | 0.00 | 0.00 | 5,272.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 5,400.00 | 0.00 | 0.00 | 5,372.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 5,500.00 | 0.00 | 0.00 | 5,472.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 5,600.00 | 0.00 | 0.00 | 5,572.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 5,700.00 | 0.00 | 0.00 | 5,672.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 5,800.00 | 0.00 | 0.00 | 5,772.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 5,900.00 | 0.00 | 0.00 | 5,872.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 6,000.00 | 0.00 | 0.00 | 5,972.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 6,100.00 | 0.00 | 0.00 | 6,072.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 6,200.00 | 0.00 | 0.00 | 6,172.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 6,300.00 | 0.00 | 0.00 | 6,272.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 6,400.00 | 0.00 | 0.00 | 6,372.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 6,500.00 | 0.00 | 0.00 | 6,472.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 6,600.00 | 0.00 | 0.00 | 6,572.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 6,700.00 | 0.00 | 0.00 | 6,672.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 6,800.00 | 0.00 | 0.00 | 6,772.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 6,900.00 | 0.00 | 0.00 | 6,872.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 7,000.00 | 0.00 | 0.00 | 6,972.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 7,100.00 | 0.00 | 0.00 | 7,072.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 7,200.00 | 0.00 | 0.00 | 7,172.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 7,300.00 | 0.00 | 0.00 | 7,272.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 7,399.23 | 0.00 | 0.00 | 7,372.00 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| MESAVERDE | | | | | | | | | |
| 7,400.00 | 0.00 | 0.00 | 7,372.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 7,500.00 | 0.00 | 0.00 | 7,472.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 7,600.00 | 0.00 | 0.00 | 7,572.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 7,700.00 | 0.00 | 0.00 | 7,672.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 7,800.00 | 0.00 | 0.00 | 7,772.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 7,900.00 | 0.00 | 0.00 | 7,872.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 8,000.00 | 0.00 | 0.00 | 7,972.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 8,100.00 | 0.00 | 0.00 | 8,072.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 8,200.00 | 0.00 | 0.00 | 8,172.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 8,300.00 | 0.00 | 0.00 | 8,272.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 8,400.00 | 0.00 | 0.00 | 8,372.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 8,500.00 | 0.00 | 0.00 | 8,472.77 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| 8,574.23 | 0.00 | 0.00 | 8,547.00 | -315.78 | 92.46 | 329.04 | 0.00 | 0.00 | 0.00 |
| BONANZA 1023-5D3AS PBHL | | | | | | | | | |



Kerr McGee Oil and Gas Onshore LP

**Uintah County, UT UTM12
Bonanza 1023-5D Pad
Bonanza 1023-5D3AS
OH**

Plan: PLAN #1

Standard Planning Report - Geographic

22 July, 2010





SDI
Planning Report - Geographic



| | | | |
|------------------|-----------------------------------|-------------------------------------|--|
| Database: | EDM 2003.16 Single User Db | Local Co-ordinate Reference: | Well Bonanza 1023-5D3AS |
| Company: | Kerr McGee Oil and Gas Onshore LP | TVD Reference: | GL 5239' & RKB 14' @ 5253.00ft (ASSUMED) |
| Project: | Uintah County, UT UTM12 | MD Reference: | GL 5239' & RKB 14' @ 5253.00ft (ASSUMED) |
| Site: | Bonanza 1023-5D Pad | North Reference: | True |
| Well: | Bonanza 1023-5D3AS | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | PLAN #1 | | |

| | | | |
|--------------------|--|----------------------|----------------|
| Project | Uintah County, UT UTM12 | | |
| Map System: | Universal Transverse Mercator (US Survey Fee | System Datum: | Mean Sea Level |
| Geo Datum: | NAD 1927 - Western US | | |
| Map Zone: | Zone 12N (114 W to 108 W) | | |

| | | | | | |
|------------------------------|--------------------------------------|---------------------|------------------|--------------------------|-------------------|
| Site | Bonanza 1023-5D Pad, SEC 5 T10S R23W | | | | |
| Site Position: | | Northing: | 14,524,406.97 ft | Latitude: | 39° 59' 1.914 N |
| From: | Lat/Long | Easting: | 2,100,501.82 ft | Longitude: | 109° 21' 27.385 W |
| Position Uncertainty: | 0.00 ft | Slot Radius: | in | Grid Convergence: | 1.06 ° |

| | | | | | | |
|-----------------------------|---------------------------------------|---------|----------------------------|------------------|----------------------|-------------------|
| Well | Bonanza 1023-5D3AS, 524' FNL 499' FWL | | | | | |
| Well Position | +N/-S | 0.00 ft | Northing: | 14,524,396.82 ft | Latitude: | 39° 59' 1.817 N |
| | +E/-W | 0.00 ft | Easting: | 2,100,484.63 ft | Longitude: | 109° 21' 27.608 W |
| Position Uncertainty | | 0.00 ft | Wellhead Elevation: | ft | Ground Level: | 5,239.00 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | OH | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 07/22/2010 | 11.13 | 65.91 | 52,427 |

| | | | | |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|
| Design | PLAN #1 | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PLAN | Tie On Depth: | 0.00 |
| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) |
| | 0.00 | 0.00 | 0.00 | 163.68 |

| Plan Sections | | | | | | | | | | |
|----------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|----------------------|---------------------|---------|-----------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | TFO (°) | Target |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 300.00 | 0.00 | 0.00 | 300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 829.00 | 10.58 | 163.68 | 826.00 | -46.74 | 13.69 | 2.00 | 2.00 | 0.00 | 163.68 | |
| 2,052.66 | 10.58 | 163.68 | 2,028.85 | -262.36 | 76.82 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 2,657.23 | 0.00 | 0.00 | 2,630.00 | -315.78 | 92.46 | 1.75 | -1.75 | 0.00 | 180.00 | |
| 8,574.23 | 0.00 | 0.00 | 8,547.00 | -315.78 | 92.46 | 0.00 | 0.00 | 0.00 | 0.00 | BONANZA 1023-5E |



| | | | |
|------------------|-----------------------------------|-------------------------------------|--|
| Database: | EDM 2003.16 Single User Db | Local Co-ordinate Reference: | Well Bonanza 1023-5D3AS |
| Company: | Kerr McGee Oil and Gas Onshore LP | TVD Reference: | GL 5239' & RKB 14' @ 5253.00ft (ASSUMED) |
| Project: | Uintah County, UT UTM12 | MD Reference: | GL 5239' & RKB 14' @ 5253.00ft (ASSUMED) |
| Site: | Bonanza 1023-5D Pad | North Reference: | True |
| Well: | Bonanza 1023-5D3AS | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | PLAN #1 | | |

Planned Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Map Northing (ft) | Map Easting (ft) | Latitude | Longitude |
|---|-----------------|-------------|---------------------|------------|------------|-------------------|------------------|------------------|-------------------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 14,524,396.82 | 2,100,484.63 | 39° 59' 1.817 N | 109° 21' 27.608 W |
| 100.00 | 0.00 | 0.00 | 100.00 | 0.00 | 0.00 | 14,524,396.82 | 2,100,484.63 | 39° 59' 1.817 N | 109° 21' 27.608 W |
| 200.00 | 0.00 | 0.00 | 200.00 | 0.00 | 0.00 | 14,524,396.82 | 2,100,484.63 | 39° 59' 1.817 N | 109° 21' 27.608 W |
| 300.00 | 0.00 | 0.00 | 300.00 | 0.00 | 0.00 | 14,524,396.82 | 2,100,484.63 | 39° 59' 1.817 N | 109° 21' 27.608 W |
| Start Build 2.00 | | | | | | | | | |
| 400.00 | 2.00 | 163.68 | 399.98 | -1.67 | 0.49 | 14,524,395.15 | 2,100,485.15 | 39° 59' 1.800 N | 109° 21' 27.602 W |
| 500.00 | 4.00 | 163.68 | 499.84 | -6.70 | 1.96 | 14,524,390.16 | 2,100,486.72 | 39° 59' 1.751 N | 109° 21' 27.583 W |
| 600.00 | 6.00 | 163.68 | 599.45 | -15.06 | 4.41 | 14,524,381.84 | 2,100,489.32 | 39° 59' 1.668 N | 109° 21' 27.552 W |
| 700.00 | 8.00 | 163.68 | 698.70 | -26.76 | 7.83 | 14,524,370.21 | 2,100,492.96 | 39° 59' 1.552 N | 109° 21' 27.508 W |
| 800.00 | 10.00 | 163.68 | 797.47 | -41.77 | 12.23 | 14,524,355.28 | 2,100,497.63 | 39° 59' 1.404 N | 109° 21' 27.451 W |
| 829.00 | 10.58 | 163.68 | 826.00 | -46.74 | 13.69 | 14,524,350.34 | 2,100,499.18 | 39° 59' 1.355 N | 109° 21' 27.433 W |
| Start 1223.66 hold at 829.00 MD | | | | | | | | | |
| 900.00 | 10.58 | 163.68 | 895.79 | -59.25 | 17.35 | 14,524,337.90 | 2,100,503.07 | 39° 59' 1.231 N | 109° 21' 27.385 W |
| 1,000.00 | 10.58 | 163.68 | 994.09 | -76.87 | 22.51 | 14,524,320.37 | 2,100,508.55 | 39° 59' 1.057 N | 109° 21' 27.319 W |
| 1,100.00 | 10.58 | 163.68 | 1,092.39 | -94.49 | 27.67 | 14,524,302.85 | 2,100,514.04 | 39° 59' 0.883 N | 109° 21' 27.253 W |
| 1,200.00 | 10.58 | 163.68 | 1,190.69 | -112.11 | 32.83 | 14,524,285.33 | 2,100,519.52 | 39° 59' 0.709 N | 109° 21' 27.187 W |
| 1,278.65 | 10.58 | 163.68 | 1,268.00 | -125.97 | 36.89 | 14,524,271.55 | 2,100,523.83 | 39° 59' 0.572 N | 109° 21' 27.134 W |
| GREEN RIVER | | | | | | | | | |
| 1,300.00 | 10.58 | 163.68 | 1,288.99 | -129.74 | 37.99 | 14,524,267.80 | 2,100,525.00 | 39° 59' 0.534 N | 109° 21' 27.120 W |
| 1,400.00 | 10.58 | 163.68 | 1,387.29 | -147.36 | 43.15 | 14,524,250.28 | 2,100,530.49 | 39° 59' 0.360 N | 109° 21' 27.054 W |
| 1,500.00 | 10.58 | 163.68 | 1,485.59 | -164.98 | 48.31 | 14,524,232.76 | 2,100,535.97 | 39° 59' 0.186 N | 109° 21' 26.988 W |
| 1,600.00 | 10.58 | 163.68 | 1,583.89 | -182.60 | 53.47 | 14,524,215.24 | 2,100,541.45 | 39° 59' 0.012 N | 109° 21' 26.921 W |
| 1,700.00 | 10.58 | 163.68 | 1,682.19 | -200.22 | 58.63 | 14,524,197.71 | 2,100,546.94 | 39° 58' 59.838 N | 109° 21' 26.855 W |
| 1,800.00 | 10.58 | 163.68 | 1,780.49 | -217.84 | 63.79 | 14,524,180.19 | 2,100,552.42 | 39° 58' 59.664 N | 109° 21' 26.789 W |
| 1,900.00 | 10.58 | 163.68 | 1,878.79 | -235.46 | 68.95 | 14,524,162.67 | 2,100,557.90 | 39° 58' 59.489 N | 109° 21' 26.723 W |
| 2,000.00 | 10.58 | 163.68 | 1,977.09 | -253.08 | 74.11 | 14,524,145.14 | 2,100,563.39 | 39° 58' 59.315 N | 109° 21' 26.656 W |
| 2,052.66 | 10.58 | 163.68 | 2,028.85 | -262.36 | 76.82 | 14,524,135.92 | 2,100,566.27 | 39° 58' 59.224 N | 109° 21' 26.621 W |
| Start Drop -1.75 | | | | | | | | | |
| 2,076.19 | 10.17 | 163.68 | 2,052.00 | -266.43 | 78.01 | 14,524,131.87 | 2,100,567.54 | 39° 58' 59.183 N | 109° 21' 26.606 W |
| 8 5/8" | | | | | | | | | |
| 2,100.00 | 9.75 | 163.68 | 2,075.45 | -270.38 | 79.17 | 14,524,127.94 | 2,100,568.77 | 39° 58' 59.144 N | 109° 21' 26.591 W |
| 2,200.00 | 8.00 | 163.68 | 2,174.25 | -285.19 | 83.51 | 14,524,113.22 | 2,100,573.38 | 39° 58' 58.998 N | 109° 21' 26.535 W |
| 2,300.00 | 6.25 | 163.68 | 2,273.47 | -297.10 | 86.99 | 14,524,101.38 | 2,100,577.08 | 39° 58' 58.880 N | 109° 21' 26.491 W |
| 2,400.00 | 4.50 | 163.68 | 2,373.03 | -306.09 | 89.63 | 14,524,092.43 | 2,100,579.88 | 39° 58' 58.791 N | 109° 21' 26.457 W |
| 2,500.00 | 2.75 | 163.68 | 2,472.83 | -312.16 | 91.40 | 14,524,086.40 | 2,100,581.77 | 39° 58' 58.731 N | 109° 21' 26.434 W |
| 2,600.00 | 1.00 | 163.68 | 2,572.77 | -315.30 | 92.32 | 14,524,083.27 | 2,100,582.75 | 39° 58' 58.700 N | 109° 21' 26.422 W |
| 2,657.23 | 0.00 | 0.00 | 2,630.00 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| Start 5917.00 hold at 2657.23 MD | | | | | | | | | |
| 2,700.00 | 0.00 | 0.00 | 2,672.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 2,800.00 | 0.00 | 0.00 | 2,772.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 2,900.00 | 0.00 | 0.00 | 2,872.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 3,000.00 | 0.00 | 0.00 | 2,972.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 3,100.00 | 0.00 | 0.00 | 3,072.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 3,200.00 | 0.00 | 0.00 | 3,172.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 3,300.00 | 0.00 | 0.00 | 3,272.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 3,400.00 | 0.00 | 0.00 | 3,372.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 3,500.00 | 0.00 | 0.00 | 3,472.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 3,600.00 | 0.00 | 0.00 | 3,572.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 3,700.00 | 0.00 | 0.00 | 3,672.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 3,800.00 | 0.00 | 0.00 | 3,772.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 3,900.00 | 0.00 | 0.00 | 3,872.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 4,000.00 | 0.00 | 0.00 | 3,972.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 4,100.00 | 0.00 | 0.00 | 4,072.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |



| | | | |
|------------------|-----------------------------------|-------------------------------------|--|
| Database: | EDM 2003.16 Single User Db | Local Co-ordinate Reference: | Well Bonanza 1023-5D3AS |
| Company: | Kerr McGee Oil and Gas Onshore LP | TVD Reference: | GL 5239' & RKB 14' @ 5253.00ft (ASSUMED) |
| Project: | Uintah County, UT UTM12 | MD Reference: | GL 5239' & RKB 14' @ 5253.00ft (ASSUMED) |
| Site: | Bonanza 1023-5D Pad | North Reference: | True |
| Well: | Bonanza 1023-5D3AS | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | PLAN #1 | | |

Planned Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Map Northing (ft) | Map Easting (ft) | Latitude | Longitude |
|--------------------------------|-----------------|-------------|---------------------|------------|------------|-------------------|------------------|------------------|-------------------|
| 4,200.00 | 0.00 | 0.00 | 4,172.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 4,300.00 | 0.00 | 0.00 | 4,272.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 4,314.23 | 0.00 | 0.00 | 4,287.00 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| WASATCH | | | | | | | | | |
| 4,400.00 | 0.00 | 0.00 | 4,372.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 4,500.00 | 0.00 | 0.00 | 4,472.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 4,600.00 | 0.00 | 0.00 | 4,572.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 4,700.00 | 0.00 | 0.00 | 4,672.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 4,800.00 | 0.00 | 0.00 | 4,772.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 4,900.00 | 0.00 | 0.00 | 4,872.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 5,000.00 | 0.00 | 0.00 | 4,972.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 5,100.00 | 0.00 | 0.00 | 5,072.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 5,200.00 | 0.00 | 0.00 | 5,172.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 5,300.00 | 0.00 | 0.00 | 5,272.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 5,400.00 | 0.00 | 0.00 | 5,372.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 5,500.00 | 0.00 | 0.00 | 5,472.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 5,600.00 | 0.00 | 0.00 | 5,572.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 5,700.00 | 0.00 | 0.00 | 5,672.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 5,800.00 | 0.00 | 0.00 | 5,772.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 5,900.00 | 0.00 | 0.00 | 5,872.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 6,000.00 | 0.00 | 0.00 | 5,972.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 6,100.00 | 0.00 | 0.00 | 6,072.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 6,200.00 | 0.00 | 0.00 | 6,172.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 6,300.00 | 0.00 | 0.00 | 6,272.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 6,400.00 | 0.00 | 0.00 | 6,372.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 6,500.00 | 0.00 | 0.00 | 6,472.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 6,600.00 | 0.00 | 0.00 | 6,572.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 6,700.00 | 0.00 | 0.00 | 6,672.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 6,800.00 | 0.00 | 0.00 | 6,772.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 6,900.00 | 0.00 | 0.00 | 6,872.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 7,000.00 | 0.00 | 0.00 | 6,972.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 7,100.00 | 0.00 | 0.00 | 7,072.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 7,200.00 | 0.00 | 0.00 | 7,172.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 7,300.00 | 0.00 | 0.00 | 7,272.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 7,399.23 | 0.00 | 0.00 | 7,372.00 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| MESAVERDE | | | | | | | | | |
| 7,400.00 | 0.00 | 0.00 | 7,372.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 7,500.00 | 0.00 | 0.00 | 7,472.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 7,600.00 | 0.00 | 0.00 | 7,572.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 7,700.00 | 0.00 | 0.00 | 7,672.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 7,800.00 | 0.00 | 0.00 | 7,772.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 7,900.00 | 0.00 | 0.00 | 7,872.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 8,000.00 | 0.00 | 0.00 | 7,972.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 8,100.00 | 0.00 | 0.00 | 8,072.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 8,200.00 | 0.00 | 0.00 | 8,172.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 8,300.00 | 0.00 | 0.00 | 8,272.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 8,400.00 | 0.00 | 0.00 | 8,372.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 8,500.00 | 0.00 | 0.00 | 8,472.77 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| 8,574.23 | 0.00 | 0.00 | 8,547.00 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |
| BONANZA 1023-5D3AS PBHL | | | | | | | | | |



| | | | |
|------------------|-----------------------------------|-------------------------------------|--|
| Database: | EDM 2003.16 Single User Db | Local Co-ordinate Reference: | Well Bonanza 1023-5D3AS |
| Company: | Kerr McGee Oil and Gas Onshore LP | TVD Reference: | GL 5239' & RKB 14' @ 5253.00ft (ASSUMED) |
| Project: | Uintah County, UT UTM12 | MD Reference: | GL 5239' & RKB 14' @ 5253.00ft (ASSUMED) |
| Site: | Bonanza 1023-5D Pad | North Reference: | True |
| Well: | Bonanza 1023-5D3AS | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | PLAN #1 | | |

| Targets | | | | | | | | | | |
|---|-------------------|---------------|--------------|----------|------------|------------|---------------|--------------|------------------|-------------------|
| Target Name | - hit/miss target | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude | Longitude |
| BONANZA 1023-5D3, - plan hits target center - Circle (radius 25.00) | | 0.00 | 0.00 | 8,547.00 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |

| Casing Points | | | | | |
|---------------------|---------------------|--------|----------------------|--------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Casing Diameter (in) | Hole Diameter (in) | |
| 2,076.19 | 2,052.00 | 8 5/8" | 8.625 | 11.000 | |

| Formations | | | | | |
|---------------------|---------------------|-------------|-----------|---------|-------------------|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Lithology | Dip (°) | Dip Direction (°) |
| 7,399.23 | 7,372.00 | MESAVERDE | | | |
| 1,278.65 | 1,268.00 | GREEN RIVER | | | |
| 4,314.23 | 4,287.00 | WASATCH | | | |

| Plan Annotations | | | | |
|---------------------|---------------------|-------------------|------------|----------------------------------|
| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | Comment |
| | | +N/-S (ft) | +E/-W (ft) | |
| 300.00 | 300.00 | 0.00 | 0.00 | Start Build 2.00 |
| 829.00 | 826.00 | -46.74 | 13.69 | Start 1223.66 hold at 829.00 MD |
| 2,052.66 | 2,028.85 | -262.36 | 76.82 | Start Drop -1.75 |
| 2,657.23 | 2,630.00 | -315.78 | 92.46 | Start 5917.00 hold at 2657.23 MD |
| 8,574.23 | 8,547.00 | -315.78 | 92.46 | TD at 8574.23 |



SDI
Planning Report



| | | | |
|------------------|-----------------------------------|-------------------------------------|--|
| Database: | EDM 2003.16 Single User Db | Local Co-ordinate Reference: | Well Bonanza 1023-5D3AS |
| Company: | Kerr McGee Oil and Gas Onshore LP | TVD Reference: | GL 5239' & RKB 14' @ 5253.00ft (ASSUMED) |
| Project: | Uintah County, UT UTM12 | MD Reference: | GL 5239' & RKB 14' @ 5253.00ft (ASSUMED) |
| Site: | Bonanza 1023-5D Pad | North Reference: | True |
| Well: | Bonanza 1023-5D3AS | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | PLAN #1 | | |

Targets

| Target Name | - hit/miss target | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude | Longitude |
|---|-------------------|---------------|--------------|----------|------------|------------|---------------|--------------|------------------|-------------------|
| BONANZA 1023-5D3, - plan hits target center - Circle (radius 25.00) | | 0.00 | 0.00 | 8,547.00 | -315.78 | 92.46 | 14,524,082.79 | 2,100,582.90 | 39° 58' 58.696 N | 109° 21' 26.420 W |

Casing Points

| Measured Depth (ft) | Vertical Depth (ft) | Name | Casing Diameter (in) | Hole Diameter (in) |
|---------------------|---------------------|--------|----------------------|--------------------|
| 2,076.19 | 2,052.00 | 8 5/8" | 8.625 | 11.000 |

Formations

| Measured Depth (ft) | Vertical Depth (ft) | Name | Lithology | Dip (°) | Dip Direction (°) |
|---------------------|---------------------|-------------|-----------|---------|-------------------|
| 7,399.23 | 7,372.00 | MESAVERDE | | | |
| 1,278.65 | 1,268.00 | GREEN RIVER | | | |
| 4,314.23 | 4,287.00 | WASATCH | | | |

Plan Annotations

| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | Comment |
|---------------------|---------------------|-------------------|------------|----------------------------------|
| | | +N/-S (ft) | +E/-W (ft) | |
| 300.00 | 300.00 | 0.00 | 0.00 | Start Build 2.00 |
| 829.00 | 826.00 | -46.74 | 13.69 | Start 1223.66 hold at 829.00 MD |
| 2,052.66 | 2,028.85 | -262.36 | 76.82 | Start Drop -1.75 |
| 2,657.23 | 2,630.00 | -315.78 | 92.46 | Start 5917.00 hold at 2657.23 MD |
| 8,574.23 | 8,547.00 | -315.78 | 92.46 | TD at 8574.23 |

Bonanza 1023-5C2CS/ 1023-5D2DS/ 1023-5D3AS
 Bonanza 1023-5E2AS/ 1023-6A1CS
 Kerr-McGee Oil Gas Onshore, L.P.

Bonanza 1023-5D Pad
 Surface Use Plan of Operations
 1 of 14

Kerr-McGee Oil & Gas Onshore. L.P.

Bonanza 1023-5D Pad

| | | | |
|--------------|----------------------------|------|-------|
| <u>API #</u> | <u>BONANZA 1023-5C2CS</u> | | |
| | Surface: 519 FNL / 507 FWL | NWNW | Lot 4 |
| | BHL: 485 FNL / 1480 FWL | NENW | Lot 3 |
| <u>API #</u> | <u>BONANZA 1023-5D2DS</u> | | |
| | Surface: 514 FNL / 516 FWL | NWNW | Lot 4 |
| | BHL: 485 FNL / 603 FWL | NWNW | Lot 4 |
| <u>API #</u> | <u>BONANZA 1023-5D3AS</u> | | |
| | Surface: 524 FNL / 499 FWL | NWNW | Lot 4 |
| | BHL: 840 FNL / 591 FWL | NWNW | Lot 4 |
| <u>API #</u> | <u>BONANZA 1023-5E2AS</u> | | |
| | Surface: 529 FNL / 490 FWL | NWNW | Lot 4 |
| | BHL: 1461 FNL / 384 FWL | SWNW | Lot |
| <u>API #</u> | <u>BONANZA 1023-6A1CS</u> | | |
| | Surface: 534 FNL / 481 FWL | NWNW | Lot 4 |
| | BHL: 361 FNL / 506 FEL | NENE | Lot 1 |

This Surface Use Plan of Operations (SUPO) or 13-point plan provides site-specific information for the above-referenced wells.

In accordance with Utah Oil & Gas Conservation Rule R649-3-11 pertaining to Directional Drilling, these wells will be directionally drilled. Refer to Topo Map A for directions to the location and Topo Maps A and B for location of access roads within a 2-mile radius.

An on-site meeting was held on May 19, 2010. Present were:

- David Gordon, NRS; Kevin Sadiler, NRS; Ryan Angus, PET Engineer; Steve Strong, Reclamation; Dan Emmett, Wildlife Biologist - BLM;
- John Slaugh, Mitch Batty, Brian Venn, Jacob Dunham, Jake Edmunds, B.J. Reenders - 609 & Timberline Engineering & Land Surveying, Inc.
- Danielle Piernot and Kathy Schneebeck Dulnoan, Regulatory; Brad Burman, Completions; Clay Einerson, Construction; Grizz Oleen, Environmental; Charles Chase, Reclamation; Lovell Young, Drilling, Roger Parry and Ramey Hoopes, Construction

A. Existing Roads:

Existing roads consist of county and improved/unimproved access roads (two-tracks). In accordance with Onshore Order #1, Kerr-McGee will, in accordance with BMPs, improve or maintain existing roads in a condition that is the same as or better than before operations began. New or reconstructed proposed access roads are discussed in Section B.

The existing roads will be maintained in a safe and usable condition. Maintenance for existing roads will continue until final abandonment and reclamation of well pads and/or other facilities, as applicable. Road maintenance will include, but is not limited to, blading, ditching, and/or culvert installation and cleanout. To ensure safe operating conditions, gravel surfacing will be performed where excessive rutting or erosion may occur. Dust control will be performed as necessary to ensure safe operating conditions.

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Roads, gathering lines and electrical distribution lines will occupy common disturbance corridors where possible. Where available, roadways will be used as the staging area and working space for installation of gathering lines. All disturbances located in the same corridor will overlap each other to the maximum extent possible, while maintaining safe and sound construction and installation practices. Unless otherwise approved or requested in site specific documents, in no case will the maximum disturbance widths of the access road and utility corridors exceed the widths specified in Part D of this document.

Please refer to Topo B, for existing roads.

All access roads leading to the pad are existing and on lease; therefore do not require a ROW.

(1.0 miles) – Section 5 T10S R23E (NW/4 NW/4) – On-lease UTU33433, from existing pad traveling southeast onto existing road to the county road intersection.

B. New or Reconstructed Access Roads:

All new or reconstructed roads will be located, designed, and maintained to meet the standards of the BLM. BMPs. Described in the BLM's Surface Operating Standards for Oil and Gas Exploration and Development, 4th Edition (Gold Book) (USDI and USDA, 2007) and/or BLM Manual Section 9113 (1985) will be considered in consultation with the BLM in the design, construction, improvement and maintenance of all new or reconstructed roads. If a new road would cross a water of the United States, Kerr-McGee will adhere to the requirements of applicable Nationwide Permits of the Department of Army Corps of Engineers.

Each new well pad or pad expansion may require construction of a new access road and/or de-commissioning of an older road. Plans, routes, and distances for new roads and road improvements are provided in design packages, exhibits and maps for a project. Project-specific maps are submitted to depict the locations of existing, proposed, and/or decommissioned and include the locations for supporting structures, including, but not limited to, culverts, bridges, low water crossings, range infrastructure, and haul routes, as per OSO 1. Designs for cuts and fills, including spoils source and storage areas, are provided with the road designs, as necessary.

Where safety objectives can be met. As applicable, Kerr-McGee may use unimproved and/or two-track roads for lease operations, to lessen total disturbance.

Road designs will be based on the road safety requirements, traffic characteristics, environmental conditions, and the vehicles the road is intended to carry. Generally, newly constructed unpaved lease roads will be crowned and ditched with the running surfaces of the roads approximately 12-18 feet wide and a total road corridor width not to exceed 45 feet, except where noted in the road design for a specific project. Maximum grade will generally not exceed 8%. Borrow ditches will be back sloped 3:1 or less. Construction BMPs will be employed to control onsite and offsite erosion.

Where topography would direct storm water runoff to an access road or well pad, drainage ditches or other common drainage control facilities, such as V- or wing-ditches, will be constructed to divert surface water runoff. Drainage features, including culverts, will be constructed or installed prior to commencing other operations, including drilling or facilities placement. Riprap will be placed at the inlet and outlet at the culvert(s), as necessary.

Prior to construction, new access road(s) will be staked according to the requirements of OSO 1. Construction activity will not be conducted using frozen or saturated materials or during periods when significant watershed damage (e.g. rutting, extensive sheet soil erosion, formation of rills/gullies, etc.) is likely to occur. Vegetative debris will not be placed in or under fill embankments.

New road maintenance will include, but is not limited to, blading, ditching, culvert installation and cleanout, gravel surfacing where excessive rutting or erosion may occur and dust control, as necessary to ensure safe operating

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conditions. All vehicular traffic, personnel movement, construction/restoration operations will be confined to the approved area and to existing roadways and/or access routes.

Snow removal will be conducted on an as-needed basis to accommodate safe travel. Snow removal will occur as necessary throughout the year, as will necessary drainage ditch construction. Removed snow may be stored on permitted well pads to reduce hauling distances and/or at the aerial extent of approved disturbance boundaries to facilitate snow removal for the remainder of the season.

If a county road crossing or encroachment permit is needed, it will be obtained prior to construction.

The following segments are "on-lease"

±145' (0.02 miles) – Section 5 T10S R23E (NW/4 NW/4) – On-lease UTU33433, from the edge of pad to the T-intersection in NW/4 NW/4. Please refer to Topo D.

** Please refer to Topo B

C. Location of Existing Wells:

A) Refer to Topo Map C.

D. Location of Existing and/or Proposed Facilities:

The Bonanza 1023-5D Pad will be a newly constructed pad. Gathering (pipeline) infrastructure will be utilized to collect and transport gas and fluids from the wells which are owned and operated by Kerr McGee Oil and Gas Onshore LP (Kerr-McGee).

Should the well(s) prove productive, production facilities will be installed on the disturbed portion of each well pad. A berm will be constructed completely around production components (typically excluding dehy's and/or separators) that contain fluids (i.e. production tanks, produced liquids tanks). The berms will generally be constructed of compacted subsoil or corrugated metal, and will hold the capacity of the largest tank and have sufficient freeboard to accommodate a 25 year rainfall event. This includes pumping units. Aboveground structures constructed or installed onsite for 6 months or longer, will be painted a flat, non-reflective, earth-tone color chosen at the onsite in coordination with the BLM (typically Shadow Gray). A production facility layout is provided as part of a project-specific APD, ROW or NOS submission.

GAS GATHERING

Please refer to Exhibit B and Topo D- Pad and Pipeline Detail.

The gas gathering pipeline material: Steel line pipe. Surface = Bare pipe. Buried = Coated with fusion bonded epoxy coating (or equivalent). The total gas gathering pipeline distance from the meter to the tie in point is ±5,760' and the individual segments are broken up as follows:

The following segments are "onlease", no ROW needed.

- ±570' (0.11 miles) – Section 5 T10S R23E (NW/4 NW/4) – On-lease UTU33433, BLM surface, New 6" buried gas gathering pipeline from the first meter house to the edge of the pad. Please refer to Topo D2 - Pad and Pipeline Detail.
- ±1,520' (0.29 miles) – Section 5 T10S R23E (NW/4 NW/4) – On-lease UTU33433, BLM surface, New 6" buried gas gathering pipeline from the edge of the pad to the proposed 8" tie-in at the 1023-5C intersection. Please refer to Topo D and Exhibit A, Line 1.

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- ±1,340' (0.25 miles) – Section 5 T10S R23E (SE/4 NW/4) – On-lease UTU33433, BLM surface, New 8" buried gas gathering pipeline from the 1023-5C intersection to the proposed 10" tie-in at the 1023-5K intersection. Please refer to Topo D and Exhibit A, Line 3. This pipeline will be used concurrently with the Bonanza 1023-5C Pad.
- ±2,330' (0.5 miles) – Section 5 T10S R23E (SW/4 NE/4) – On-lease UTU33433, BLM surface, New 10" buried gas gathering pipeline from the 1023-5K intersection traveling Southeast to tie-in to the existing buried 16" gas pipeline. Please refer to Exhibit A, Line 5 & 7. This pipeline will be used concurrently with the Bonanza 1023-5C, Bonanza 1023-5K, Bonanza 1023-5B and Bonanza 1023-5H pads.

LIQUID GATHERING

The total liquid gathering pipeline distance from the separator to the tie in point is ±5,450' and the individual segments are broken up as follows:

The following segments are "onlease", no ROW needed.

- ±570' (0.11 miles) – Section 5 T10S R23E (NW/4 NW/4) – On-lease UTU33433, BLM surface, New 6" buried liquid gathering pipeline from the separator to the edge of the pad. Please refer to Topo D2-Pad and Pipeline Detail.
- ±1,520' (0.29 miles) – Section 5 T10S R23E (NW/4 NW/4) – On-lease UTU33433, BLM surface, New 6" buried liquid gathering pipeline from the edge of the pad to the 1023-5C intersection. Please refer to Topo D and Exhibit B, Line 4.
- ±1,340' (0.25 miles) – Section 5 T10S R23E (SE/2 NW/4) – On-lease UTU33433, BLM surface, New 6" buried liquid gathering pipeline from the 1023-5C intersection to the 1023-5K intersection. Please refer to Exhibit B, Line 5. This pipeline will be used concurrently with the Bonanza 1023-5C pad.
- ±120' (0.02 miles) – Section 5 T10S R23E (SW/2 NE/4) – On-lease UTU33433, BLM surface, New 6" buried liquid gathering pipeline from the 1023-5K intersection to the 1023-5B intersection. Please refer to Exhibit B, Line 6. This pipeline will be used concurrently with the Bonanza 1023-5C and Bonanza 1023-5K pads.
- ±1,830' (0.35 miles) – Section 5 T10S R23E (SW/4 NE/4) – On-lease UTU33433, BLM surface, New 6" buried liquid gathering pipeline from the main road intersection traveling Southeast to the tie-in point. Please refer Exhibit B, Line 7. This pipeline will be used concurrently with the Bonanza 1023-5C, Bonanza 1023-5K and Bonanza 1023-5B pads.
- ±70' (0.01 miles) – Section 5 T10S R23E (NE/4 SE/4) – On-lease UTU33433, BLM surface, New 6" buried liquid gathering pipeline from the tie-in point to the compressor site. Please refer to Exhibit B, Line 8. This pipeline will be used concurrently with the Bonanza 1023-5C, Bonanza 1023-5K, Bonanza 1023-5B and Bonanza 1023-5H pads.

Pipeline Gathering Construction

Gathering (pipeline) infrastructure will be utilized to collect and transport gas and fluids from the wells which are owned and operated by Kerr McGee. Gas gathering pipeline(s), gas lift, or liquids pipelines may be constructed to lie on the surface or be buried. Where the pipeline is adjacent to the road or well pad, the road and/or well pad will be utilized for construction activities and staging. The area of disturbance during construction from the edge of road or well pad will typically be 30' in width. Where pipelines run cross country, the width of disturbance will typically be 45 ft for buried lines and 30 ft for surface lines. In addition, Kerr-McGee requests for a permanent 30' disturbance width that will be maintained for the portion adjacent to the road. The need for the 30' permanent disturbance width is for maintenance and repairs. Cross country permanent disturbance width also are required to be 30ft.

Above-ground installation will generally not require clearing of vegetation or blading of the surface, except where safety considerations necessitate earthwork. In some surface pipeline installation instances pipe cannot be constructed where it will lay. In these cases where an above-ground pipeline is constructed parallel and adjacent to a road, it will be welded/fused on the road and then lifted from the road to the pipeline route. In other cases where a pipeline route is not

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parallel and adjacent to a road (cross-country between sites), it will be welded/fused in place at a well pad, access road, or designated work area and pulled between connection locations with a suitable piece of equipment.

Buried pipelines will generally be installed parallel and adjacent to existing and/or newly constructed roads and within the permitted disturbance corridor. Buried pipelines may vary from 2 inches (typically fuel gas lines) to 24 inches (typically transportation lines) in diameter, but 6 to 16 inches is typical for a buried gas line. The diameter of liquids pipelines may vary from 2 inches to 12 inches, but 6 inches is the typical diameter. Gas lift lines may vary from 2 to 12 inches in diameter, but 6-inch diameter pipes are generally used for gas lift. If two or more pipelines are present (gas gathering, gas lift, and fluids), they will share a common trench where possible.

Typically, to install a buried pipeline, topsoil will be removed, windrowed and placed on the non-working side of the route for later reclamation. Because working room is limited, the spoil may be spread out across the working side and construction will take place on the spoil. The working side of the corridor will be used for pipe stringing, bending, welding and equipment travel. Small areas on the working side displaying ruts or uneven ground will be groomed to facilitate the safe passage of equipment. After the pipelines are installed, spoil will be placed back into the trench, and the topsoil will be redistributed over the disturbed corridor prior to final reclamation. Typical depth of the trench will be 6 feet, but depths may vary according to site-specific conditions (presence of bedrock, etc.). The proposed trench width for the pipeline would range from 18-48 inches.

The pipeline will be welded along the proposed route and lowered into place. Trenching equipment will cut through the soil or into the bedrock and create good backfill, eliminating the need to remove large rocks. The proposed buried pipeline will be visually and radiographically inspected and the entire pipeline will be pneumatically or hydrostatically tested before being placed into service. Routine vehicle traffic will be prevented from using pipeline routes as travel ways by posting signs at the route's intersection with an access road.

The liquid gathering lines will be made of polyethylene or a composite polyethylene/steel or polyethylene/fiberglass that is not subject to internal or external pipe corrosion. The content of the produced fluids to be transferred by the liquid gathering system will be approximately 92% produced water and 8% condensate. Trunk line valve connections for the water gathering system will be below ground but accessible from the surface in order to prevent freezing during winter time.

If pipelines or roads encounter a drainage that could be subject to flooding or surface water during extreme precipitation events, Kerr-McGee will apply all applicable Army Corps mandates as well as the BLM's Hydraulic Considerations for Pipeline Crossings of Stream Channels (BLM Technical Note 423, April 2007). In addition, all stream and drainage crossings will be evaluated to determine the need for stream alteration permits from the State of Utah Division of Water Rights and if necessary, required permits will be secured. Similarly, where a road or pipeline crossing exists the pipe will be butt welded and buried to a depth between 24 and 48 inches or more. Dirt roads will be cut and restored to a condition equivalent to the existing condition. All Uintah County road encroachment and crossing permits, where applicable, will be obtained prior to crossing construction. In no case will pressure testing of pipelines result in discharge of liquids to the surface.

Pipeline signs will be installed along the route to indicate the pipeline proximity, ownership, and to provide emergency contact phone numbers. Above ground valves and lateral T's will be installed at various locations for production integrity and safety purposes.

Upon completion of the proposed buried pipeline, the entire area of disturbance will be reclaimed to the standards proposed in the Green River District Reclamation Guidelines. Please refer to section J for more details regarding final reclamation.

When no longer deemed necessary by the operator, Kerr-McGee or its successor will consult with the BLM, Vernal Field Office before terminating of the use of the pipeline(s).

The Anadarko Completions Transportation System (ACTS) information:

Please refer to Exhibit C for ACTs Lines

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Kerr-McGee will use either a closed loop drilling system that will require one pit and one storage area to be constructed on the drilling pad or a traditional drilling operation with one pit. The storage area will be used to contain only the de-watered drill cuttings and will be lined and reclaimed according to traditional pit closure standards. The pit will be constructed to allow for completion operations. The completion operations pit is lined and will be used for the wells drilled on the pad or used as part of our Anadarko Completions Transportation (ACTS) system which is discussed in more detail below. Using the closed loop drilling system will allow Kerr-McGee to decrease the amount of disturbance/footprint on location compared to a single large drilling/completion pit.

If Kerr-McGee does not use a closed loop system, it will construct a drilling reserve pit to contain drill cuttings and for use in completion operations. Depending on the location of the pit, its relation to future drilling locations, the reserve/completion pit will be utilized for the completion of the wells on that pad and/or be used as part of our ACTS system.

Kerr-McGee will use ACTS to optimize the completion processes for multiple pads across the project area which may include up to a section of development. ACTS will facilitate management of frac fluids by utilizing existing reserve pits and temporary, surface-laid aluminum liquids transfer lines between frac locations. The pit will be refurbished as follows when a traditional drill pit is used: mix and pile up drill cuttings with dry dirt, bury the original liner in the pit, walk bottom of pit with cat. Kerr-McGee will reline the pit with a 30 mil liner and double felt padding. The refurbished pit will be the same size or smaller as specified in the originally approved ROW/APD. The pit refurb will be done in a normal procedure and there will be no modification to the pit.

All four sides of the completions pit will be fenced in according to standard pit fencing procedures. Netting will be installed over all pits.

The collected hydrocarbons will be treated and sold at approved sales facilities. A loading rack with drip containment will also be installed where water trucks would unload and load to prevent damage caused from pulling hoses in and out of the pit .

ACTS will require temporarily laying multiple 6" aluminum water transfer lines on the surface between either existing or refurbished reserve pits. Please see the attached ACTS exhibit C for placement of the proposed temporary lines. The temporary aluminum transfer lines will be utilized to transport frac fluid being injected and/or recovered during the completion process and will be laid adjacent to existing access roads or pipeline corridors. Upon completion of the frac operation, the liquids transfer lines will be flushed with fresh water and purged with compressed air. The contents of the transfer lines will be flushed into a water truck for delivery to another ACTS location or a reserve pit.

The volume of frac fluid transported through a water transfer line will vary, but volume is projected to be approximately 1.75 bbls per 50-foot joint. Although the maximum working pressure is 125 psig, the liquids transfer lines will be operated at a pressure of approximately 30 to 40 psig. Kerr-McGee requests to keep the netted pit open for one year from first production of the first produced well on the pad. During this time the surrounding well location completion fluids may be recycled in this pit and utilized for other frac jobs in the area. After one year Kerr-McGee will backfill the pit and reclaim. If the pit is not needed for an entire year it will be backfilled and reclaimed earlier. Kerr-McGee understands that due to the temporary nature of this system, BLM considers this a casual use situation; therefore, no permanent ROW or temporary use plan will need to be issued by the BLM.

E. Location and Types of Water Supply:

Water for drilling and completion operations will be obtained from the following sources:

| | | |
|------------------|-------------------|------------------------------------|
| Permit # 49-2307 | JD Field Services | Green River- Section 15, T2N, R22E |
| Permit # 49-2321 | R.N. Industries | White River- Section 2, T10S, R24E |
| Permit # 49-2319 | R.N. Industries | White River- Various Sources |
| Permit # 49-2320 | R.N. Industries | Green River- Section 33, T8S, R23E |

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.

F. Construction Materials:

Construction operations will typically be completed with native materials found on location. Construction materials that must be imported to the site (mineral material aggregate, soils or materials suitable for fill/surfacing) will be obtained from a nearby permitted source (described in site-specific documents). No construction materials will be removed from federal lands without prior approval from the BLM. A source location other than an on-location construction site will be designated either via a map or narrative within the project specific materials provided to the BLM.

G. Methods for Handling Waste:

All wastes subject to regulation will be handled in compliance with applicable laws to minimize the potential for leaks or spills to the environment. Kerr-McGee also maintains a Spill Control and Countermeasure Plan, which includes notification requirements, including the BLM, for all reportable spills of oil, produced liquids, and hazardous materials.

Any accidental release, such as a leak or spill in excess of the reportable quantity, as established by 40 CFR Part 117.3, will be reported as per the requirements of CERCLA, Section 102 B. If a release involves petroleum hydrocarbons or produced liquids, Kerr-McGee will comply with the notification requirements of NTL-3A. Drill cuttings and/or drilling fluids will be contained in the reserve/frac pit whether a closed loop system is used or not. Cuttings will be buried in pit(s) upon closure. Unless specifically approved by the BLM, no oil or other oil-based drilling additives, chromium/metals-based, or saline muds will be used during drilling. Only fresh water (as specified above), biodegradable polymer soap, bentonite clay, and/or non-toxic additives will be used in the mud system.

Pits will be constructed to minimize the accumulation of surface precipitation runoff into the pit (via appropriate placement of subsoil storage areas and/or construction of berms, ditches, etc). Should unexpected liquid petroleum hydrocarbons (crude oil or condensate) be encountered during drilling, completions or well testing, liquid petroleum hydrocarbons will either be contained in test tanks on the well site or evacuated by vacuum trucks and transported to an approved disposal/sales facility. Should petroleum hydrocarbons unexpectedly be released into a pit, they will be removed as soon as practical but in no case will they remain longer than 72 hours unless an alternate is approved by the BLM. Should timely removal not be feasible, the pit will be netted as soon as practical. Similarly, hydrocarbon removal will take place prior to the closure of the pit, unless authorization is provided for disposal via alternate pit closure methods (e.g. solidification).

The reserve and/or fracture stimulation pit will be lined with an impermeable liner. The liner will be a synthetic material 30 mil or thicker. The bottom and side walls of the pit will be void of any sharp rocks that could puncture the liner. The liner will be installed over smooth fill subgrade that is free of pockets, loose rocks, or other materials (i.e. sand, sifted dirt, bentonite, straw, etc.) that could damage the liner. After evaporation and when dry, the reserve pit liners will be cut off, ripped and/or folded back (as safety considerations allow) as near to the mud surface as possible and buried on location or hauled to a landfill prior to backfilling the pit with a minimum of five feet of soil material.

Where necessary and if conditions (freeboard, etc.) allow, produced liquids from newly completed wells may be temporarily disposed of into pits for a period not to exceed 90 days as per Onshore Order Number 7 (OSO 7). Subsequently, permanent approved produced water disposal methods will be employed in accordance with OSO 7 and/or as described in a Water Management Plan (WMP). Otherwise, fluids disposal locations and associated haul routes, for ROW consideration, are typically depicted on Topo A of individual projects. Revisions to the water source or method of transportation will be subject to written approval from the BLM.

Any additional pits necessary for subsequent operations, such as temporary flare or workover pits, will be contained within the originally approved well pad and disturbance boundaries. Such temporary pits will be backfilled and reclaimed within 180 days of completion of work at a well location.

Pits containing drilling cuttings, mud, and/or completions fluids will be allowed to dry. Any free fluids remaining after one year from reaching total depth, date of completion, and/or determination of inactivity will be removed (as weather conditions

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allow) to an approved site and the pit reclaimed. Installation and operation of any sprinklers, pumps, and equipment will ensure that water spray or mist does not drift.

No garbage or non-exempt substances as defined by Resource Conservation and Recovery Act (RCRA) subtitle C will be placed in the reserve pit. All refuse (trash and other solid waste including cans, paper, cable, etc.) generated during construction, drilling, completion, and well testing activities will be contained in an enclosed receptacle, removed from the drill locations promptly, and transported to an approved disposal facility. Immediately after removal of the drilling rig, all debris and other waste materials not contained within trash receptacles will be collected and removed from the well location.

For the protection of livestock and wildlife, all open pits (excluding flare pits) will be fenced to prevent wildlife or livestock entry. Total height of pit fencing will be at least 42 inches and corner posts will be cemented and/or braced in such a manner as 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. Siphons, catchments, and absorbent pads will be installed to keep hydrocarbons produced by the drilling rig or other equipment on location from entering the reserve pit. Hydrocarbons, contaminated pads, and/or soils will be disposed of in accordance with state and federal requirements.

Portable, self-contained chemical toilets and/or sewage processing facilities will be provided for human waste disposal. Upon completion of operations, or as required, the toilet holding tanks will be pumped and the contents disposed of in an approved sewage disposal facility. All applicable regulations pertaining to disposal of human and solid waste will be observed.

Materials Management

Hazardous materials above reportable quantities will not be produced by drilling or completing proposed wells or constructing the pipelines/facilities. The term "hazardous materials" as used here means: (1) any substance, pollutant, or containment listed as hazardous under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, as amended 42 U.S.C. 9601 et seq., and the regulations issued under CERCLA; and (2) any hazardous waste as defined in RCRA of 1976, as amended. In addition, no extremely hazardous substance, as defined in 40 CFR 355, in threshold planning quantities, would be used, produced, stored, transported, or disposed of while producing any well.

Hazardous materials may be contained in some grease or lubricants, solvents, acids, paint, and herbicides, among others as defined above. Kerr-McGee maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances that are used during the course of construction, drilling, completion, and production operations for this project. The transport, use, storage and handling of hazardous materials will follow procedures specified by federal and state regulations. Transportation of hazardous materials to the well location is regulated by the Department of Transportation (DOT) under 49 CFR, Parts 171-180. DOT regulations pertain to the packing, container handling, labeling, vehicle placarding, and other safety aspects.

Potentially hazardous materials used in the development or operation of wells will be kept in limited quantities on well sites and at the production facilities for short periods of time. Chemicals meeting the criteria for being an acutely hazardous material/substance or meet the quantities criteria per BLM Instruction Memorandum No. 93-344 will not be used.

Chemicals subject to reporting under Title III of the Superfund Amendments and Reauthorization Act (SARA) in quantities of 10,000 pounds or more may be produced and/or stored at production facilities (crude oil/condensate, produced water). They may also be kept in limited quantities on drilling sites (barite, diesel fuel, cement, cottonseed hulls etc.) for short periods of time during drilling or completion activities.

Fluids disposal and pipeline/haul routes are depicted on Topo Map A.

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Any produced water separated from recoverable condensate from the proposed well will be contained in a water tank and will then be transported by pipeline and/or truck to one of the pre-approved disposal sites:

RNI in Sec. 5 T9S R22E
NBU #159 in Sec. 35 T9S R21E
Ace Oilfield in Sec. 2 T6S R20E
MC&MC in Sec. 12 T6S R19E
Pipeline Facility in Sec. 36 T9S R20E
Goat Pasture Evaporation Pond in SW/4 Sec. 16 T10S R22E
Bonanza Evaporation Pond in Sec. 2 T10S R23E

Or to one of the following Kerr-McGee active Salt Water Disposal (SWD) wells:

NBU 159 SWD in Sec. 35 T9S R21E
CIGE 112D SWD in Sec. 19 T9S R21E
CIGE 114 SWD in Sec. 34 T9S R21E
NBU 921-34K SWD in Sec. 34 T9S R21E
NBU 921-33F SWD in Sec. 34 T9S R21E

H. Ancillary Facilities:

No additional ancillary facilities are planned for this location.

I. Well Site Layout:

The location, orientation and aerial extent of each drill pad, reserve/completion/flare pit (for closed loop or non-closed loop operations), access road ingress/egress points, drilling rig, dikes/ditches, existing wells/infrastructure, proposed cuts and fills, and topsoil and spoil material stockpile locations are depicted on the exhibits for each project, where applicable. Site-specific conditions may require slight deviation in actual equipment depending on whether a closed loop system is used. Surface distance may be less if using closed loop. But in either case, the area of disturbance will not exceed the maximum disturbance outlined in the attached exhibits.

For the protection of livestock and wildlife, all open pits and cellars will be fenced to prevent wildlife or livestock entry. Total height of pit fencing will be at least 42 inches and corner posts will be cemented and/or braced in such a manner as 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.

Each well will utilize either a centralized tank battery, centralized fluids management system, or have tanks installed on its pad. Production/ Produced Liquid tanks will be constructed, maintained, and operated to prevent unauthorized surface or subsurface discharges of liquids and to prevent livestock or wildlife entry. The tanks will be kept reasonably free from surface accumulations of liquid hydrocarbons. The tanks are not to be used for disposal of liquids from additional sources without prior approval of BLM.

J. Plans for Surface Reclamation:

The surface reclamation will be undertaken in two phases: interim and final. Interim reclamation is conducted following well completion and extends through the period of production. Interim reclamation is for the area of the well pad that is not required for production activities. Final reclamation is conducted following well plugging/conversion and/or facility abandonment processes.

Bonanza 1023-5C2CS/ 1023-5D2DS/ 1023-5D3AS
Bonanza 1023-5E2AS/ 1023-6A1CS
Kerr-McGee Oil Gas Onshore, L.P.

Bonanza 1023-5D Pad
Surface Use Plan of Operations
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Reclamation activities in both phases may include but is not limited to the re-contouring or re-configuration of topographic surfaces, restoration of drainage systems, segregation of spoils materials, minimizing surface disturbance, re-evaluating backfill requirements, pit closure, topsoil redistribution, soil treatments, seeding and weed control.

Interim Reclamation

Interim reclamation may include pit evaporation, fluid removal, pit solidification, re-contouring, ripping, spreading top soil, seeding, and/or weed control. Interim reclamation will be performed in accordance with OSO 1, or written notification will be provided to the BLM for approval. Where feasible, drilling locations, reserve pits, or access routes not utilized for production operations will be re-contoured to a natural appearance.

Interim re-contouring involves bringing all construction material from cuts and fills back onto the well pad and site and reestablishing the natural contours where desirable and practical. Fill and stockpiled spoils no longer necessary to the operation will be spread on the cut slopes and covered with stockpiled topsoil. All stockpiled top soils will be used for interim reclamation where practical to maintain soil viability. Where possible, the land surface will be left "rough" after re-contouring to ensure that the maximum surface area will be available to support the reestablishment of vegetative cover.

A reserve pit, upon being allowed to dry, will be backfilled and compacted with cover materials that are void of any topsoil, vegetation, large stones, rocks or foreign objects. Soils that are moisture laden, saturated, or partially/completely frozen will not be used for backfill or cover. The pit area will be mounded to allow for settling and to promote positive surface drainage away from the pit. Disposal of pit fluids and linings is discussed in Section G.

Final Reclamation

Final reclamation will be performed for unproductive wells and after the end of the life of a productive well. As soon as practical after the conclusion of drilling and testing operations, unproductive drill holes will be plugged and abandoned (P&A). Site and road reclamation will commence following plugging. In no case will reclamation at non-producing locations be initiated later than six (6) months from the date a well is plugged. A joint inspection of the disturbed area to be reclaimed may be requested by Kerr-McGee. The primary purpose of this inspection will be to review the existing conditions, or agree upon a revised final reclamation and abandonment plan. The BLM will be notified prior to commencement of reclamation operations. A Notice of Intent to Abandon will be filed for final recommendations regarding surface reclamation.

After plugging, all wellhead equipment that is no longer needed will be removed, and the well site will be reclaimed. Final contouring will blend with and follow as closely as practical the natural terrain and contours of the original site and surrounding areas. After re-contouring the site to the approximate contour that existed prior to pad construction, final grading will be conducted over the entire surface of the well site and access road. The area will be ripped to a depth of 18 to 24 inches on 18 to 24-inch centers, where practical. The surface soil material will be pitted with small depressions to form longitudinal depressions 12 to 18 inches deep, where practical. The entire area will be uniformly covered with the depressions constructed perpendicular to the natural flow of water.

Reclamation of roads will be performed at the discretion of the BLM. All unnecessary surface equipment and structures (e.g. cattle guards) and water control structures (e.g. culverts, drainage pipes) not needed to facilitate successful reclamation will be removed during final reclamation. Roads that will be reclaimed will be ripped to a depth of 18 inches where practical, re-contoured to approximate the original contour of the ground and seeded in accordance with the seeding specifications of the BLM.

Upon successfully completing reclamation of a P&A location, a Final Abandonment Notice will be submitted to the BLM.

Measures Common to Interim and Final Reclamation

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 Bonanza 1023-5E2AS/ 1023-6A1CS
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Bonanza 1023-5D Pad
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Soil preparation will be conducted using a disk for areas in need of more soil preparation following site preparation. This will provide primary soil tillage to a depth no greater than 6 inches. Prior to reseeded, compacted areas will be scarified by ripping or chiseling to loosen compacted soils, promote water infiltration, and improve soil aeration and root penetration.

Seeding will occur year-round as conditions allow and will typically be accomplished through the use of a no-till rangeland style seed drill with a "picker box" in order to seed "fluffy" seed. Where drill seeding is not the preferred method, seed will be broadcast and then raked into the ground at double the rate of drill seeding. Seed mixes appropriate to the native plant community as determined and specified for each project location based on the site specific soils will be used for re-vegetation. The seed mixes will be selected from a list provided by or approved by the BLM, or a specific seed mix will be proposed by Kerr-McGee to the BLM and used after its approval. The selected specific seed mix for each well location and road segment will be utilized while performing interim and final reclamation for each project. All seed will be certified and tags will be maintained by Kerr-McGee. Every effort will be made to obtain "cheat grass free seed".

Seed Mix to be used for Well Site, Access Road, and Pipeline (as applicable):

| Bonanza Area Mix | Pure Live Seed lbs/acre |
|--------------------------|--------------------------------|
| Crested Wheat (Hycrest) | 2 |
| Bottlebrush Squirreltail | 1 |
| Western Wheatgrass | 1 |
| Indian Ricegrass | 1 |
| Fourwing Saltbush | 2 |
| Shadscale | 2 |
| Forage Kochia | 0.25 |
| Rocky Mountain Bee | 0.5 |
| Total | 9.75 |

Additional soil amendments and/or stabilization may be required on sites with poor soils and/or excessive erosion potential. Where severe erosion can become a problem and/or the use of machinery is not practical, seed will be hand broadcast and raked with twice the specified amount of seed. Slopes will be stabilized using materials specifically designed to prevent erosion on steep slopes and hold seed in place so vegetation can become permanently established. These materials will include, but are not limited to: erosion control blankets, hydro-mulch, and/or bonded fiber matrix at a rate to achieve a minimum of 80 percent soil coverage. Soil amendments such as "Sustain" (an organic fertilizer that will be applied at the rate 1,800 – 2,100 lbs/acre with seed) may also be dry broadcast or applied with hydro-seeding equipment.

Weed Control

All weed management will be done in accordance with the Vernal BLM Surface Disturbance Weed Policy. Noxious weeds will be controlled, as applicable, on project areas. Monitoring and management of noxious and/or invasive weeds of concern will be completed annually until the project is deemed successfully reclaimed by the surface management agency and/or owner according to the Anadarko Integrated Weed Management Plan. Noxious weed infestations will be mapped using a GPS unit and submitted to the BLM with information required in the Vernal BLM Surface Disturbance Weed Policy. If herbicide is to be applied it will be done according to an approved Pesticide Use Permit (PUP), inclusive of applicable locations. All pesticide applications will be recorded using a Pesticide Application Record (PAR) and will be submitted along with a Pesticide Use Report (PUR) annually prior to Dec. 31.

Monitoring

Monitoring of reclaimed project areas will be completed annually during the growing season and actions to ensure reclamation success will be taken as needed. During the first two growing seasons an ocular methodology will be used to determine the success of the reclamation activities. During the 3rd growing season a 200 point line intercept (quantitative) methodology will be used to obtain basal cover. The goal is to have the reclaimed area reach 30% basal cover when

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compared to the reference site. If after three growing seasons the area has not reached 30% basal cover, additional reclamation activities may be necessary. Monitoring will continue until the reclaimed area reaches 75% basal cover of desirable vegetation when compared to the reference site. (Green River District Reclamation Guidelines)

All monitoring reports will be submitted electronically to the Vernal BLM in the form of a geo-database no later than March 1st of the calendar year following the data collection.

K. Surface/Mineral Ownership:

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

L. Other Information:

Onsite Specifics:

- Construction: 30 Mil Double Felt
- Facilities: Will be painted Shadow Grey
- Top Soil: Need to save 4" topsoil and will be move and put around the corner
- Will need separate condensate tanks because BHL for Bonanza 1023-6A1CS crosses CA boundary.

Cultural and Paleontological Resources

All personnel are strictly prohibited from collecting artifacts, any paleontological specimens or fossils, and from disturbing any significant cultural resources in the area. If artifacts, fossils, or any culturally sensitive materials are exposed or identified in the area of construction, all construction operations that would affect the newly discovered resource will cease, and Kerr-McGee will provide immediate notification to the BLM.

Resource Reports:

A Class I literature survey was completed on April 23, 2010 by Montgomery Archaeological Consultants, Inc (MOAC). For additional details please refer to report MOAC 10-056.

A paleontological reconnaissance survey was completed on May 13, 2010 by SWCA Environmental Consultants. For additional details please refer to report UT10-14314-11.

Biological field survey was completed on August 20, 2010 by Grasslands Consulting, Inc (GCI). For additional details please refer to report GCI-203.

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Proposed Action Annual Emissions Tables:

| Table 1: Proposed Action Annual Emissions (tons/year)¹ | | | |
|--|--------------------|-------------------|--------------|
| Pollutant | Development | Production | Total |
| NO _x | 3.8 | 0.12 | 3.92 |
| CO | 2.2 | 0.11 | 2.31 |
| VOC | 0.1 | 4.9 | 5 |
| SO ₂ | 0.005 | 0.0043 | 0.0093 |
| PM ₁₀ | 1.7 | 0.11 | 1.81 |
| PM _{2.5} | 0.4 | 0.025 | 0.425 |
| Benzene | 2.2E-03 | 0.044 | 0.046 |
| Toluene | 1.6E-03 | 0.103 | 0.105 |
| Ethylbenzene | 3.4E-04 | 0.005 | 0.005 |
| Xylene | 1.1E-03 | 0.076 | 0.077 |
| n-Hexane | 1.7E-04 | 0.145 | 0.145 |
| Formaldehyde | 1.3E-02 | 8.64E-05 | 1.31E-02 |

¹ Emissions include 1 producing well and associated operations traffic during the year in which the project is developed

| Table 2: Proposed Action versus 2012 WRAP Phase III Emissions Inventory Comparison | | | |
|---|--|--|--|
| Species | Proposed Action Production Emissions (ton/yr) | 2012 Uintah Basin Emission Inventory^a (ton/yr) | Percentage of Proposed Action to WRAP Phase III |
| NO _x | 19.6 | 16,547 | 0.12% |
| VOC | 25 | 127,495 | 0.02% |

^a http://www.wrapair.org/forums/ogwg/PhaseIII_Inventory.html

Uintah Basin Data

Bonanza 1023-5C2CS/ 1023-5D2DS/ 1023-5D3AS
Bonanza 1023-5E2AS/ 1023-6A1CS
Kerr-McGee Oil Gas Onshore, L.P.

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M. Lessee's or Operators' Representative & Certification:

Gina T. Becker
Regulatory Analyst II
Kerr-McGee Oil & Gas Onshore LP
PO Box 173779
Denver, CO 80217-3779
(720) 929-6086

Tommy Thompson
General Manager, Drilling
Kerr-McGee Oil & Gas Onshore LP
PO Box 173779
Denver, CO 80217-3779
(720) 929-6724

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. Kerr-McGee Oil & Gas Onshore LP agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Bureau of Land Management Nationwide Bond WYB000291.

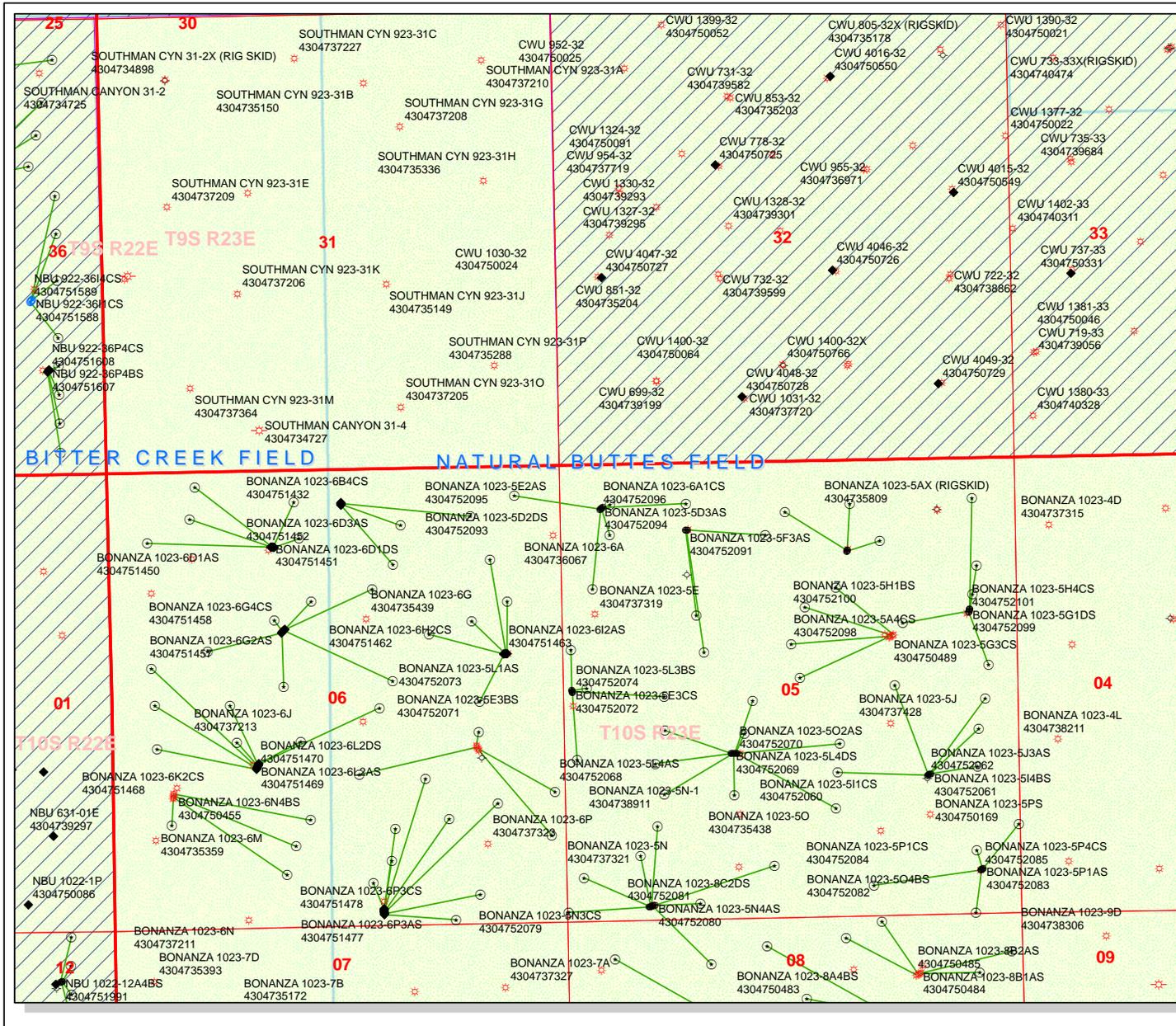
I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that I have full knowledge of the State and Federal laws applicable to this operation; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.



Gina T. Becker

October 14, 2011

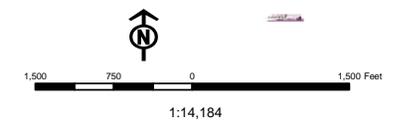
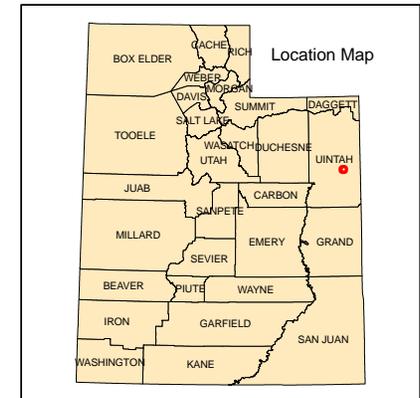
Date



API Number: 4304752094
Well Name: BONANZA 1023-5D3AS
Township T1.0 Range R2.3 Section 05
Meridian: SLBM
Operator: KERR-MCGEE OIL & GAS ONSHORE, L.P.

Map Prepared:
 Map Produced by Diana Mason

- | | |
|----------------------|-------------------------------------|
| Units STATUS | Wells Query Status |
| ACTIVE | APD - Approved Permit |
| EXPLORATORY | DRIL - Spudded (Drilling Commenced) |
| GAS STORAGE | GIW - Gas Injection |
| NF PP OIL | GS - Gas Storage |
| NF SECONDARY | LA - Location Abandoned |
| PI OIL | LOC - New Location |
| PP GAS | OPS - Operation Suspended |
| PP GEOTHERM. | PA - Plugged Abandoned |
| PP OIL | PGW - Producing Gas Well |
| SECONDARY | POW - Producing Oil Well |
| TERMINATED | RET - Returned APD |
| Fields STATUS | SGW - Shut-in Gas Well |
| Unknown | SOW - Shut-in Oil Well |
| ABANDONED | TA - Temp. Abandoned |
| ACTIVE | TW - Test Well |
| COMBINED | WDW - Water Disposal |
| INACTIVE | WWI - Water Injection Well |
| STORAGE | WSW - Water Supply Well |
| TERMINATED | |



WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/14/2011**API NO. ASSIGNED:** 43047520940000**WELL NAME:** BONANZA 1023-5D3AS**OPERATOR:** KERR-MCGEE OIL & GAS ONSHORE, L.P. (N2995)**PHONE NUMBER:** 720 929-6086**CONTACT:** Gina Becker**PROPOSED LOCATION:** NWNW 05 100S 230E**Permit Tech Review:** **SURFACE:** 0524 FNL 0499 FWL**Engineering Review:** **BOTTOM:** 0840 FNL 0591 FWL**Geology Review:** **COUNTY:** UINTAH**LATITUDE:** 39.98385**LONGITUDE:** -109.35842**UTM SURF EASTINGS:** 640161.00**NORTHINGS:** 4427255.00**FIELD NAME:** NATURAL BUTTES**LEASE TYPE:** 1 - Federal**LEASE NUMBER:** UTU33433**PROPOSED PRODUCING FORMATION(S):** WASATCH-MESA VERDE**SURFACE OWNER:** 1 - Federal**COALBED METHANE:** NO**RECEIVED AND/OR REVIEWED:**

- PLAT**
- Bond:** FEDERAL - WYB000291
- Potash**
- Oil Shale 190-5**
- Oil Shale 190-3**
- Oil Shale 190-13**
- Water Permit:** 43-8496
- RDCC Review:**
- Fee Surface Agreement**
- Intent to Commingle**

Commingle Approved**LOCATION AND SITING:**

- R649-2-3.**
- Unit:**
- R649-3-2. General**
- R649-3-3. Exception**
- Drilling Unit**
- Board Cause No:** Cause 179-14
- Effective Date:** 6/12/2008
- Siting:** 460' Fr Ext Drl Unit Boundary
- R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations: 3 - Commingle - ddoucet
4 - Federal Approval - dmason
15 - Directional - dmason



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: BONANZA 1023-5D3AS

API Well Number: 43047520940000

Lease Number: UTU33433

Surface Owner: FEDERAL

Approval Date: 10/26/2011

Issued to:

KERR-MCGEE OIL & GAS ONSHORE, L.P., P.O. Box 173779, Denver, CO 80217

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 179-14. The expected producing formation or pool is the WASATCH-MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

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

Commingle:

In accordance with Board Cause No. 179-14, commingling of the production from the Wasatch formation and the Mesaverde formation in this well is allowed.

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.

Conditions of Approval:

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

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <http://oilgas.ogm.utah.gov>

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "John Rogers", written over a faint rectangular box.

For John Rogers
Associate Director, Oil & Gas

UDOGM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT JUL 22 2011

RECEIVED

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER BLM

| | | |
|--|--|---|
| 1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER | | 5. Lease Serial No. UTU33433 |
| 1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone | | 6. If Indian, Allottee or Tribe Name |
| 2. Name of Operator KERR-MCGEE OIL & GAS ONSHORE Contact: GINA T BECKER Email: GINA.BECKER@ANADARKO.COM | | 7. If Unit or CA Agreement, Name and No. CA-UTU-74473 |
| 3a. Address P.O. BOX 173779 DENVER, CO 80202-3779 | | 8. Lease Name and Well No. BONANZA 1023-5D3AS |
| 3b. Phone No. (include area code) Ph: 720-929-6086 Fx: 720-929-7086 | | 9. API Well No. 43-047-52094 |
| 4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NWNW Lot 4 524FNL 499FWL 39.983804 N Lat, 109.358348 W Lon At proposed prod. zone NWNW Lot 4 840FNL 591FWL 39.982936 N Lat, 109.358019 W Lon | | 10. Field and Pool, or Exploratory BONANZA |
| 14. Distance in miles and direction from nearest town or post office* APPROXIMATELY 48 MILES SOUTHEAST OF VERNAL, UTAH | | 11. Sec., T., R., M., or Blk. and Survey or Area Sec 5 T10S R23E Mer SLB |
| 15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 591 | 16. No. of Acres in Lease 1923.00 | 12. County or Parish UINTAH |
| 17. Spacing Unit dedicated to this well | 13. State UT | |
| 18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 840 | 19. Proposed Depth 8574 MD 8547 TVD | 20. BLM/BIA Bond No. on file WYB000291 |
| 21. Elevations (Show whether DF, KB, RT, GL, etc.) 5242 GL | 22. Approximate date work will start 12/31/2011 | 23. Estimated duration 60-90 DAYS |

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 officer. |

| | | |
|---|--|---------------------|
| 25. Signature (Electronic Submission) | Name (Printed/Typed) GINA T BECKER Ph: 720-929-6086 | Date 07/08/2011 |
| Title REGULATORY ANALYST II | | |
| Approved by (Signature) | Name (Printed/Typed) Jerry Kenczka | Date MAR 02 2012 |
| Title Assistant Field Manager Lands & Mineral Resources | Office VERNAL FIELD OFFICE | |

Application approval does not warrant or certify 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.

Additional Operator Remarks (see next page)

Electronic Submission #112584 verified by the BLM Well Information System
For KERR-MCGEE OIL & GAS ONSHORE, sent to the Vernal

NOTICE OF APPROVAL RECEIVED

MAR 14 2012

DEPT OF OIL, GAS & MINING

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

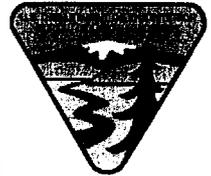


UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

| | | | |
|----------|----------------------------------|------------|--|
| Company: | Kerr McGee Oil & Gas Onshore, LP | Location: | Lot 4, Sec. 5, T10S, R23E (S) Lot 4, Sec. 5, T10S, R23E (B) |
| Well No: | Bonanza 1023-5D3AS | Lease No: | UTU-33433 |
| API No: | 43-047-52094 | Agreement: | CA UTU-74473 |

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

**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 two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

| | | |
|---|---|--|
| Location Construction (Notify Environmental Scientist) | - | Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion (Notify Environmental Scientist) | - | 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 Supv. Petroleum Tech.) | - | Twenty-Four (24) hours prior to running casing and cementing all casing strings to: ut_vn_opreport@blm.gov . |
| BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.) | - | 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)***

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

SITE SPECIFIC COAs

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horse power must not emit more than 2 grams of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower-hour.
- All new and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gram of NO_x per horsepower-hour.
- Construction or drilling is not allowed for the Bonanza 1023-5M and Bonanza 1023-5P pads from January 1 – August 31 to minimize impacts during golden eagle nesting.
- If it is anticipated that construction or drilling will occur during the given timing restriction, a BLM or qualified biologist shall be notified to conduct surveys for raptors. Depending upon the results of the surveys, permission to proceed may or may not be granted by the Authorized Officer.
- All reclamation will comply with the Green River Reclamation Guidelines
- All vehicles and equipment shall be cleaned either through power-washing, or other approved method, if the vehicles or equipment were previously operated outside the Uinta Basin, to prevent weed seed introduction.
- All disturbance areas shall be monitored for noxious weeds annually, for a minimum of three growing seasons following completion of project or until desirable vegetation is established
- Noxious and invasive weeds will be controlled throughout the area of project disturbance.

- Noxious weeds will be inventoried and reported to BLM in the annual reclamation report. Where an integrated pest management program is applicable, coordination has been undertaken with the state and local management program (if existing). A copy of the pest management plan will be submitted for each project.
- A pesticide use permit (PUP) will be obtained for the project, if applicable.
- A permitted paleontologist is to be present to monitor construction at well pads 1023-5C, 5D, 5K, 5L, 5M and 5P during all surface disturbing activities: examples include the following building of the well pad, access road, and pipelines.
- The best method to avoid entrainment is to pump from an off-channel location – one that does not connect to the river during high spring flows. An infiltration gallery constructed in a BLM and Service approved location is best.
- If the pump head is located in the river channel where larval fish are known to occur, the following measures apply:
 - a. do not situate the pump in a low-flow or no-flow area as these habitats tend to concentrate larval fishes;
 - b. limit the amount of pumping, to the greatest extent possible, during that period of the year when larval fish may be present (April 1 to August 31); and
 - c. limit the amount of pumping, to the greatest extent possible, during the pre-dawn hours as larval drift studies indicate that this is a period of greatest daily activity.
- Screen all pump intakes with 3/32" mesh material.
- Approach velocities for intake structures will follow the National Marine Fisheries Service's document "Fish Screening Criteria for Anadromous Salmonids". For projects with an in-stream intake that operate in stream reaches where larval fish may be present, the approach velocity will not exceed 0.33 feet per second (ft/s).
- Report any fish impinged on the intake screen to the Service (801.975.3330) and the Utah Division of Wildlife Resources:
 - Northeastern Region
 - 152 East 100 North, Vernal, UT 84078
 - Phone: (435) 781-9453
- Discovery Stipulation: Re-initiation of section 7 consultation with the USFWS will be sought immediately if any loss of plants or occupied habitat for Pariette cactus or Uinta Basin hookless cactus is anticipated as a result of project activities.

***DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

SITE SPECIFIC DRILLING PLAN COA's:

1. Gamma ray log shall be run from Total Depth to Surface.

Variations Granted:

Air Drilling

- Properly lubricated and maintained rotating head. Variance granted to use a properly maintained and lubricated diverter bowl in place of a rotating head.
- Blooie line discharge 100' from the well bore. Variance granted for blooie line discharge to be 45' from the well bore.
- Compressors located in the opposite direction from the blooie line a minimum of 100' from the well bore. Variance granted for truck/trailer mounted air compressors located 40' from the well bore.
- In lieu of mud products on location, Kerr McGee will fill the reserve pit with water for the kill medium and will utilize a skid pump near the reserve pit to supply the water to the well bore if necessary.
- Automatic igniter. Variance granted for igniter, due to there being no productive formations encountered while air drilling.
- FIT test. Variance granted due to well known geology and problems that can occur with the FIT test.

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.

- 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.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to 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.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, 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.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement 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_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- 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.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- 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:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - 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).
 - 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.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- 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.
- 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.

- 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.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal 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. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- 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.
- 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 and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- 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.
- 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.
- 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.

| | |
|--|--|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU33433 |
| 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 1023-5D3AS |
| 2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P. | 9. API NUMBER: 43047520940000 |
| 3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 | PHONE NUMBER: 720 929-6511 9. FIELD and POOL or WILDCAT: NATURAL BUTTES |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0524 FNL 0499 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 05 Township: 10.0S Range: 23.0E Meridian: S | COUNTY: UINTAH STATE: UTAH |

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|--|--|---|---|
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR |
| <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE |
| <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 8/16/2012 | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION |
| | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON |
| | <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input type="checkbox"/> APD EXTENSION |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> OTHER | OTHER: <input style="width: 100px;" type="text"/> |

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

MIRU TRIPLE A BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'.
 RAN 14" 36.7# SCHEDULE 10 CONDUCTOR PIPE. CEMENT WITH 28 SACKS READY MIX. SPUD WELL LOCATION ON AUGUST 16, 2012 AT 12:00 HRS

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 August 21, 2012**

| | | |
|---|-------------------------------------|--------------------------------------|
| NAME (PLEASE PRINT) Jaime Scharnowske | PHONE NUMBER 720 929-6304 | TITLE Regularatory Analyst |
| SIGNATURE N/A | DATE 8/20/2012 | |

BLM - Vernal Field Office - Notification Form

Operator KERR-McGEE OIL & GAS Rig Name/# BUCKET RIG
Submitted By CARA MAHLER Phone Number 720.929.6029
Well Name/Number BONANZA 1023-5D3AS
Qtr/Qtr NWNW Section 5 Township 10S Range 23E
Lease Serial Number UTU33433
API Number 4304752094

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 08/16/2012 13:00 HRS AM PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time 09/02/2012 08:00 HRS AM PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

RECEIVED

AUG 15 2012

DIV. OF OIL, GAS & MINING

Date/Time _____ AM PM

Remarks ESTIMATED DATE AND TIME. PLEASE CONTACT KENNY GATHINGS AT

435.828.0986 OR LOVEL YOUNG AT 435.781.7051

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) 929-6304

Well 1

| API Number | Well Name | | QQ | Sec | Twp | Rng | County |
|---|-----------------------|-------------------|-----------|-----|-----|----------------------------------|--------|
| 4304752093 | Bonanza 1023-5D2DS | | NWNW | 5 | 10S | 23E | UINTAH |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | | Entity Assignment Effective Date | |
| B | 9999 | 18673 | 8/16/2012 | | | 8/20/2012 | |
| Comments: MIRU TRIPLE A BUCKET RIG. <i>WSMVD</i> SPUD WELL LOCATION ON 8/16/2012 AT 07:30 HRS. <i>BHL: nwnw</i> | | | | | | | |

Well 2

| API Number | Well Name | | QQ | Sec | Twp | Rng | County |
|---|-----------------------|-------------------|-----------|-----|-----|----------------------------------|--------|
| 4304752092 | Bonanza 1023-5C2CS | | NWNW | 5 | 10S | 23E | UINTAH |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | | Entity Assignment Effective Date | |
| B | 9999 | 18674 | 8/16/2012 | | | 8/20/2012 | |
| Comments: MIRU TRIPLE A BUCKET RIG. <i>WSMVD</i> SPUD WELL LOCATION ON 8/16/2012 AT 10:00 HRS. <i>BHL: nwnw</i> | | | | | | | |

Well 3

| API Number | Well Name | | QQ | Sec | Twp | Rng | County |
|---|-----------------------|-------------------|-----------|-----|-----|----------------------------------|--------|
| 4304752094 | Bonanza 1023-5D3AS | | NWNW | 5 | 10S | 23E | UINTAH |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | | Entity Assignment Effective Date | |
| B | 9999 | 18675 | 8/16/2012 | | | 8/20/2012 | |
| Comments: MIRU TRIPLE A BUCKET RIG. <i>WSMVD</i> SPUD WELL LOCATION ON 8/16/2012 AT 12:00 HRS. <i>BHL: nwnw</i> | | | | | | | |

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)

JAIME SCHARNOWSKE

Name (Please Print) *Jaime Scharnowske*

Signature
REGULATORY ANALYST 8/20/2012

Title Date

RECEIVED
AUG 20 2012

| | |
|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU33433 |
| 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: PONDEROSA |
| 1. TYPE OF WELL Gas Well | 8. WELL NAME and NUMBER: BONANZA 1023-5D3AS |
| 2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P. | 9. API NUMBER: 43047520940000 |
| 3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 | PHONE NUMBER: 720 929-6514 9. FIELD and POOL or WILDCAT: MATRIL BUTTES |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0524 FNL 0499 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 05 Township: 10.0S Range: 23.0E Meridian: S | COUNTY: UINTAH STATE: UTAH |

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|--|---|---|
| <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/18/2012 <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 checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> |

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

The Operator requests approval for changes in the drilling plan. Specifically, the Operator requests approval for a FIT wavier, closed loop drilling option and a production casing change. The production casing change includes a switch from 4-1/2 inch I-80 11.6 LB BTC/LTC casing to 4-1/2 inch I-80 11.6 LB Ultra DQX/LTC casing. All other aspects of the previously approved drilling plan will not change. Thank you.

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

Date: September 25, 2012

By: *Derek Quist*

| | | |
|------------------------------------|------------------------------|-------------------------------|
| NAME (PLEASE PRINT) Cara Mahler | PHONE NUMBER 720 929-6029 | TITLE Regulatory Analyst I |
| SIGNATURE N/A | DATE 9/18/2012 | |

Requested Drilling Options:

Kerr-McGee will use either a closed loop drilling system that will require one pit and one cuttings storage area to be constructed on the drilling pad or a traditional drilling operation with one pit used for drilling and completion operations. The cuttings storage area will be used to contain only the de-watered drill cuttings and will be lined and bermed to prevent any liquid runoff. The drill cuttings will be buried in the completion pit once completion operations are completed according to traditional pit closure standards. The pit will be constructed to allow for completion operations. The completion operations pit will be lined with a synthetic material 20 mil or thicker and will be used for the completing of the wells on the pad or used as part of our Aandarko Completions Transportation System (ACTS). Using the closed loop drilling system will allow Kerr-McGee to decrease the amount of disturbance/footprint on location compared to a single large drilling/completions pit.

If Kerr-McGee does not use a closed loop drilling system, it will construct a traditional drilling/completions pit to contain drill cuttings and for use in completion operations. The pit will be lined with a synthetic material 20 mil or thicker. The drill cuttings will be buried in the pit using traditional pit closure standards.

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| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU33433 |
| 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: PONDEROSA |
| 1. TYPE OF WELL Gas Well | 8. WELL NAME and NUMBER: BONANZA 1023-5D3AS |
| 2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P. | 9. API NUMBER: 43047520940000 |
| 3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 | PHONE NUMBER: 720 929-6511 9. FIELD and POOL or WILDCAT: NATURAL BUTTES |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0524 FNL 0499 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 05 Township: 10.0S Range: 23.0E Meridian: S | COUNTY: UINTAH STATE: UTAH |

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|--|--|---|---|
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR |
| <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE |
| <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/1/2012 | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION |
| | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON |
| | <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input type="checkbox"/> APD EXTENSION |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> OTHER | OTHER: <input style="width: 100px;" type="text"/> |

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

No Activity for the month of September 2012. Well TD at 2,508.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 October 03, 2012

| | | |
|---|-------------------------------------|---------------------------------------|
| NAME (PLEASE PRINT) Lindsey Frazier | PHONE NUMBER 720 929-6857 | TITLE Regulatory Analyst II |
| SIGNATURE N/A | DATE 10/1/2012 | |

| | |
|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | FORM 9 |
| 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU33433 | |
| 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: PONDEROSA | |
| 1. TYPE OF WELL Gas Well | 8. WELL NAME and NUMBER: BONANZA 1023-5D3AS |
| 2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P. | 9. API NUMBER: 43047520940000 |
| 3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 | PHONE NUMBER: 720 929-6511 |
| 9. FIELD and POOL or WILDCAT: NATURAL BUTTES | |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0524 FNL 0499 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 05 Township: 10.0S Range: 23.0E Meridian: S | COUNTY: UINTAH |
| STATE: UTAH | |

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|--|---|---|
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR |
| <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE |
| <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 11/5/2012 | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION |
| | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON |
| | <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input type="checkbox"/> APD EXTENSION |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> OTHER | OTHER: <input style="width: 100px;" type="text"/> |

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

No Activity for the month of October 2012. Well TD at 2,519.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 November 06, 2012

| | | |
|---|-------------------------------------|--------------------------------------|
| NAME (PLEASE PRINT) Jaime Scharnowske | PHONE NUMBER 720 929-6304 | TITLE Regularatory Analyst |
| SIGNATURE N/A | DATE 11/5/2012 | |

State of Utah - Notification Form

Operator Anadarko Petroleum Rig Name/# XTREME 12
Submitted By DALTON KING Phone Number 435- 828-0985
Well Name/Number BONANZA 1023-5D3AS
Qtr/Qtr NW/NW Section 5 Township 10 S Range 23E
Lease Serial Number UTU 33433
API Number 43-047-52094

Casing – Time casing run starts, not cementing times.

- Production Casing
 Other

Date/Time _____ AM PM

BOPE

- Initial BOPE test at surface casing point
 Other

Date/Time 11/21/2012 15:00 AM PM

Rig Move

Location To: _____

Date/Time _____ AM PM

RECEIVED

NOV 21 2012

DIV. OF OIL, GAS & MINING

Remarks TIME IS ESTIMATED

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) 929-6304

Well 1

| API Number | Well Name | | QQ | Sec | Twp | Rng | County |
|--|-----------------------|-------------------|-----------|-----|-----|----------------------------------|--------|
| Various | Ponderosa Wells | | | | | | UINTAH |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | | Entity Assignment Effective Date | |
| | 18421 | 18519 | | | | 5/1/2012 | |
| Comments: Move the attached wells into the Ponderosa unit. All wells are WSMVD. | | | | | | 11/16/2012 | |

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)

JAIME SCHARNOWSKE

Name (Please Print)

Jaime Scharnowske

Signature

REGULATORY ANALYST

11/8/2012

Title

Date

RECEIVED

NOV 08 2012

| Well Name | Quarter/Quarter | Section | Township | Range | APUI Number | County | New Entity Number | Formation |
|--------------------|-----------------|---------|----------|-------|-------------|--------|-------------------|-----------|
| BONANZA 1023-6J2AS | NESW | 6 | 10S | 23E | 4304751465 | Uintah | 18519 | WSMVD |
| BONANZA 1023-6K1CS | NESW | 6 | 10S | 23E | 4304751466 | Uintah | 18519 | WSMVD |
| BONANZA 1023-6K2BS | NESW | 6 | 10S | 23E | 4304751467 | Uintah | 18519 | WSMVD |
| BONANZA 1023-6K2CS | NESW | 6 | 10S | 23E | 4304751468 | Uintah | 18519 | WSMVD |
| BONANZA 1023-6L2AS | NESW | 6 | 10S | 23E | 4304751469 | Uintah | 18519 | WSMVD |
| BONANZA 1023-6L2DS | NESW | 6 | 10S | 23E | 4304751470 | Uintah | 18519 | WSMVD |
| BONANZA 1023-6O1BS | SWSE | 6 | 10S | 23E | 4304751473 | Uintah | 18519 | WSMVD |
| BONANZA 1023-6O2DS | SWSE | 6 | 10S | 23E | 4304751474 | Uintah | 18519 | WSMVD |
| BONANZA 1023-6O3AS | SWSE | 6 | 10S | 23E | 4304751475 | Uintah | 18519 | WSMVD |
| BONANZA 1023-6P2BS | SWSE | 6 | 10S | 23E | 4304751476 | Uintah | 18519 | WSMVD |
| BONANZA 1023-6P3CS | SWSE | 6 | 10S | 23E | 4304751478 | Uintah | 18519 | WSMVD |
| BONANZA 1023-5J2DS | NESW | 5 | 10S | 23E | 4304752063 | Uintah | 18519 | WSMVD |
| BONANZA 1023-5K1BS | NESW | 5 | 10S | 23E | 4304752064 | Uintah | 18519 | WSMVD |
| BONANZA 1023-5K1CS | NESW | 5 | 10S | 23E | 4304752065 | Uintah | 18519 | WSMVD |
| BONANZA 1023-5K3DS | NESW | 5 | 10S | 23E | 4304752066 | Uintah | 18519 | WSMVD |
| BONANZA 1023-5L1DS | NESW | 5 | 10S | 23E | 4304752067 | Uintah | 18519 | WSMVD |
| BONANZA 1023-5L4AS | NESW | 5 | 10S | 23E | 4304752068 | Uintah | 18519 | WSMVD |
| BONANZA 1023-5L4DS | NESW | 5 | 10S | 23E | 4304752069 | Uintah | 18519 | WSMVD |
| BONANZA 1023-5O2AS | NESW | 5 | 10S | 23E | 4304752070 | Uintah | 18519 | WSMVD |
| BONANZA 1023-5E3BS | SWNW | 5 | 10S | 23E | 4304752071 | Uintah | 18519 | WSMVD |
| BONANZA 1023-5E3CS | SWNW | 5 | 10S | 23E | 4304752072 | Uintah | 18519 | WSMVD |
| BONANZA 1023-5L1AS | SWNW | 5 | 10S | 23E | 4304752073 | Uintah | 18519 | WSMVD |
| BONANZA 1023-5L3BS | SWNW | 5 | 10S | 23E | 4304752074 | Uintah | 18519 | WSMVD |
| BONANZA 1023-5M1AS | SWSW | 5 | 10S | 23E | 4304752075 | Uintah | 18519 | WSMVD |
| BONANZA 1023-5M1CS | SWSW | 5 | 10S | 23E | 4304752076 | Uintah | 18519 | WSMVD |
| BONANZA 1023-5M3BS | SWSW | 5 | 10S | 23E | 4304752077 | Uintah | 18519 | WSMVD |
| BONANZA 1023-5M3CS | SWSW | 5 | 10S | 23E | 4304752078 | Uintah | 18519 | WSMVD |
| BONANZA 1023-5N3CS | SWSW | 5 | 10S | 23E | 4304752079 | Uintah | 18519 | WSMVD |
| BONANZA 1023-5O4BS | SESE | 5 | 10S | 23E | 4304752082 | Uintah | 18519 | WSMVD |
| BONANZA 1023-5P1AS | SESE | 5 | 10S | 23E | 4304752083 | Uintah | 18519 | WSMVD |
| BONANZA 1023-5P1CS | SESE | 5 | 10S | 23E | 4304752084 | Uintah | 18519 | WSMVD |
| BONANZA 1023-5P4CS | SESE | 5 | 10S | 23E | 4304752085 | Uintah | 18519 | WSMVD |
| BONANZA 1023-5C4AS | NENW | 5 | 10S | 23E | 4304752089 | Uintah | 18519 | WSMVD |
| BONANZA 1023-5F2CS | NENW | 5 | 10S | 23E | 4304752090 | Uintah | 18519 | WSMVD |
| BONANZA 1023-5F3AS | NENW | 5 | 10S | 23E | 4304752091 | Uintah | 18519 | WSMVD |
| BONANZA 1023-5C2CS | NWNW | 5 | 10S | 23E | 4304752092 | Uintah | 18519 | WSMVD |
| BONANZA 1023-5D2DS | NWNW | 5 | 10S | 23E | 4304752093 | Uintah | 18519 | WSMVD |
| BONANZA 1023-5D3AS | NWNW | 5 | 10S | 23E | 4304752094 | Uintah | 18519 | WSMVD |
| BONANZA 1023-5E2AS | NWNW | 5 | 10S | 23E | 4304752095 | Uintah | 18519 | WSMVD |
| BONANZA 1023-6A1CS | NWNW | 5 | 10S | 23E | 4304752096 | Uintah | 18519 | WSMVD |
| BONANZA 1023-6I3AS | SWNW | 5 | 10S | 23E | 4304752387 | Uintah | 18519 | WSMVD |
| BONANZA 11-2 | SWNW | 11 | 10S | 23E | 4304734773 | Uintah | 18519 | WSMVD |
| BONANZA 1023-6E4AS | SENE | 6 | 10S | 23E | 4304751453 | Uintah | 18519 | WSMVD |
| BONANZA 1023-6F1AS | SENE | 6 | 10S | 23E | 4304751454 | Uintah | 18519 | WSMVD |
| BONANZA 1023-6F1CS | SENE | 6 | 10S | 23E | 4304751455 | Uintah | 18519 | WSMVD |
| BONANZA 1023-6F4CS | SENE | 6 | 10S | 23E | 4304751456 | Uintah | 18519 | WSMVD |
| BONANZA 1023-6G2AS | SENE | 6 | 10S | 23E | 4304751457 | Uintah | 18519 | WSMVD |
| BONANZA 1023-6G4CS | SENE | 6 | 10S | 23E | 4304751458 | Uintah | 18519 | WSMVD |
| BONANZA 1023-6A3DS | SENE | 6 | 10S | 23E | 4304751459 | Uintah | 18519 | WSMVD |
| BONANZA 1023-6G1DS | SENE | 6 | 10S | 23E | 4304751460 | Uintah | 18519 | WSMVD |
| BONANZA 1023-6H1BS | SENE | 6 | 10S | 23E | 4304751461 | Uintah | 18519 | WSMVD |
| BONANZA 1023-6H2CS | SENE | 6 | 10S | 23E | 4304751462 | Uintah | 18519 | WSMVD |
| BONANZA 1023-6I2AS | SENE | 6 | 10S | 23E | 4304751463 | Uintah | 18519 | WSMVD |
| BONANZA 1023-6I3DS | SWSE | 6 | 10S | 23E | 4304751471 | Uintah | 18519 | WSMVD |
| BONANZA 1023-6J4AS | SWSE | 6 | 10S | 23E | 4304751472 | Uintah | 18519 | WSMVD |
| BONANZA 1023-6P3AS | SWSE | 6 | 10S | 23E | 4304751477 | Uintah | 18519 | WSMVD |

| | | |
|--|--|--|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU33433 |
| 1. TYPE OF WELL Gas Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P. | | 7. UNIT or CA AGREEMENT NAME: PONDEROSA |
| 3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 | | 8. WELL NAME and NUMBER: BONANZA 1023-5D3AS |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0524 FNL 0499 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 05 Township: 10.0S Range: 23.0E Meridian: S | | 9. API NUMBER: 43047520940000 |
| 5. FIELD and POOL or WILDCAT: NATURAL BUTTES | | 9. FIELD and POOL or WILDCAT: NATURAL BUTTES |
| 6. COUNTY: UINTAH | | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | |
| <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: | <input type="checkbox"/> ALTER CASING | |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CASING REPAIR | |
| <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 11/28/2012 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | |
| | <input type="checkbox"/> CHANGE TUBING | |
| | <input type="checkbox"/> CHANGE WELL STATUS | |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | |
| | <input type="checkbox"/> CHANGE WELL NAME | |
| | <input type="checkbox"/> DEEPEN | |
| | <input type="checkbox"/> CONVERT WELL TYPE | |
| | <input type="checkbox"/> OPERATOR CHANGE | |
| | <input type="checkbox"/> FRACTURE TREAT | |
| | <input type="checkbox"/> NEW CONSTRUCTION | |
| | <input type="checkbox"/> PLUG AND ABANDON | |
| | <input type="checkbox"/> PLUG BACK | |
| | <input type="checkbox"/> RECLAMATION OF WELL SITE | |
| | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION | |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | |
| | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | |
| | <input type="checkbox"/> TEMPORARY ABANDON | |
| | <input type="checkbox"/> TUBING REPAIR | |
| | <input type="checkbox"/> VENT OR FLARE | |
| | <input type="checkbox"/> WATER DISPOSAL | |
| | <input type="checkbox"/> WATER SHUTOFF | |
| | <input type="checkbox"/> SI TA STATUS EXTENSION | |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | |
| | <input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/> | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. FINISHED DRILLING TO 8613' ON 11/26/2012. CEMENTED PRODUCTION CASING. RELEASED XTC 12 RIG ON 11/28/2012. DETAILS OF CASING AND CEMENT WILL BE INCLUDED WITH THE WELL COMPLETION REPORT. WELL IS WAITING ON FINAL COMPLETION ACTIVITIES | | |
| Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 03, 2012 | | |
| NAME (PLEASE PRINT) Lindsey Frazier | PHONE NUMBER 720 929-6857 | TITLE Regulatory Analyst II |
| SIGNATURE N/A | DATE 11/30/2012 | |

State of Utah - Notification Form

Operator Anadarko Petroleum Rig Name/# XTREME 12
Submitted By DALTON KING Phone Number 435- 828-0985
Well Name/Number BONANZA 1023-5D3AS
Qtr/Qtr NW/NW Section 5 Township 10 S Range 23E
Lease Serial Number UTU 33433
API Number 43-047-52094

Casing – Time casing run starts, not cementing times.

- Production Casing
 Other

Date/Time 11/27/2012 08:00 AM PM

BOPE

- Initial BOPE test at surface casing point
 Other

Date/Time _____ AM PM

Rig Move

Location To: _____

Date/Time _____ AM PM

Remarks TIME IS ESTIMATED

RECEIVED
NOV 27 2012
DIV. OF OIL, GAS & MINING

| | | |
|--|--|--|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU33433 |
| 1. TYPE OF WELL Gas Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P. | | 7. UNIT or CA AGREEMENT NAME: PONDEROSA |
| 3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 | | 8. WELL NAME and NUMBER: BONANZA 1023-5D3AS |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0524 FNL 0499 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 05 Township: 10.0S Range: 23.0E Meridian: S | | 9. API NUMBER: 43047520940000 |
| PHONE NUMBER: 720 929-6511 | | 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 type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | |
| <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: | <input type="checkbox"/> ALTER CASING | |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CASING REPAIR | |
| <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 1/2/2013 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | |
| | <input type="checkbox"/> CHANGE TUBING | |
| | <input type="checkbox"/> CHANGE WELL STATUS | |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | |
| | <input type="checkbox"/> CHANGE WELL NAME | |
| | <input type="checkbox"/> DEEPEN | |
| | <input type="checkbox"/> CONVERT WELL TYPE | |
| | <input type="checkbox"/> OPERATOR CHANGE | |
| | <input type="checkbox"/> FRACTURE TREAT | |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | |
| | <input type="checkbox"/> PLUG AND ABANDON | |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | |
| | <input type="checkbox"/> RECLAMATION OF WELL SITE | |
| | <input type="checkbox"/> TUBING REPAIR | |
| | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | |
| | <input type="checkbox"/> WATER SHUTOFF | |
| | <input type="checkbox"/> VENT OR FLARE | |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | |
| | <input type="checkbox"/> SI TA STATUS EXTENSION | |
| | <input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/> | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. No Activity for the month of December 2012. Well TD at 8,613 | | |
| Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 03, 2013 | | |
| NAME (PLEASE PRINT) Lindsey Frazier | PHONE NUMBER 720 929-6857 | TITLE Regulatory Analyst II |
| SIGNATURE N/A | DATE 1/2/2013 | |

| | |
|--|---------------|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | FORM 9 |
| 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU33433 | |
| 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: PONDEROSA | |
| 1. TYPE OF WELL Gas Well | |
| 8. WELL NAME and NUMBER: BONANZA 1023-5D3AS | |
| 2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P. | |
| 9. API NUMBER: 43047520940000 | |
| 3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 PHONE NUMBER: 720 929-6511 | |
| 9. FIELD and POOL or WILDCAT: NATURAL BUTTES | |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0524 FNL 0499 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 05 Township: 10.0S Range: 23.0E Meridian: S | |
| COUNTY: UINTAH | |
| STATE: UTAH | |

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|--|---|---|
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR |
| <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE |
| <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 2/4/2013 | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION |
| | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON |
| | <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input type="checkbox"/> APD EXTENSION |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> OTHER | OTHER: <input style="width: 100px;" type="text"/> |

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

No Activity for the month of January 2013. Well TD at 8,613

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

FOR RECORD ONLY

February 07, 2013

| | | |
|---|-------------------------------------|---------------------------------------|
| NAME (PLEASE PRINT) Lindsey Frazier | PHONE NUMBER 720 929-6857 | TITLE Regulatory Analyst II |
| SIGNATURE N/A | DATE 2/4/2013 | |

| | |
|--|---------------|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | FORM 9 |
| 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU33433 | |
| 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: PONDEROSA | |
| 1. TYPE OF WELL Gas Well | |
| 8. WELL NAME and NUMBER: BONANZA 1023-5D3AS | |
| 2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P. | |
| 9. API NUMBER: 43047520940000 | |
| 3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 PHONE NUMBER: 720 929-6511 | |
| 9. FIELD and POOL or WILDCAT: NATURAL BUTTES | |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0524 FNL 0499 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 05 Township: 10.0S Range: 23.0E Meridian: S | |
| COUNTY: UINTAH | |
| STATE: UTAH | |

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|--|---|---|
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR |
| <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE |
| <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 3/4/2013 | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION |
| | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON |
| | <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input type="checkbox"/> APD EXTENSION |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> OTHER | OTHER: <input style="width: 100px;" type="text"/> |

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

No Activity for the month of February 2013. Well TD at 8,613

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 March 05, 2013

| | | |
|---|-------------------------------------|---------------------------------------|
| NAME (PLEASE PRINT) Lindsey Frazier | PHONE NUMBER 720 929-6857 | TITLE Regulatory Analyst II |
| SIGNATURE N/A | DATE 3/4/2013 | |

| | |
|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU33433 |
| 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: PONDEROSA |
| 1. TYPE OF WELL Gas Well | 8. WELL NAME and NUMBER: BONANZA 1023-5D3AS |
| 2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P. | 9. API NUMBER: 43047520940000 |
| 3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 | PHONE NUMBER: 720 929-6511 9. FIELD and POOL or WILDCAT: MATHEW BUTTES |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0524 FNL 0499 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 05 Township: 10.0S Range: 23.0E Meridian: S | COUNTY: UINTAH STATE: UTAH |

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|--|---|---|
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR |
| <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE |
| <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 4/3/2013 | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION |
| | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON |
| | <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input type="checkbox"/> APD EXTENSION |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> OTHER | OTHER: <input style="width: 100px;" type="text"/> |

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

No Activity for the month of March 2013. Well TD at 8,613

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 April 04, 2013

| | | |
|---|-------------------------------------|---|
| NAME (PLEASE PRINT) Teena Paulo | PHONE NUMBER 720 929-6236 | TITLE Staff Regulatory Specialist |
| SIGNATURE N/A | DATE 4/3/2013 | |

| | |
|--|---------------|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | FORM 9 |
| 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU33433 | |
| 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: PONDEROSA | |
| 1. TYPE OF WELL Gas Well | |
| 8. WELL NAME and NUMBER: BONANZA 1023-5D3AS | |
| 2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P. | |
| 9. API NUMBER: 43047520940000 | |
| 3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 PHONE NUMBER: 720 929-6511 | |
| 9. FIELD and POOL or WILDCAT: MATHEW BUTTES | |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0524 FNL 0499 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 05 Township: 10.0S Range: 23.0E Meridian: S | |
| COUNTY: UINTAH | |
| STATE: UTAH | |

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|--|---|---|
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR |
| <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE |
| <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 5/3/2013 | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION |
| | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON |
| | <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input type="checkbox"/> APD EXTENSION |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> OTHER | OTHER: <input style="width: 100px;" type="text"/> |

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

Started completing the well. Well TD at 8,613

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 May 09, 2013**

| | | |
|---|-------------------------------------|---|
| NAME (PLEASE PRINT) Teena Paulo | PHONE NUMBER 720 929-6236 | TITLE Staff Regulatory Specialist |
| SIGNATURE N/A | DATE 5/3/2013 | |

| | | |
|--|--|--|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU33433 |
| | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
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| 1. TYPE OF WELL Gas Well | | 8. WELL NAME and NUMBER: BONANZA 1023-5D3AS |
| 2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P. | | 9. API NUMBER: 43047520940000 |
| 3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 | | 9. FIELD and POOL or WILDCAT: MATHEW BUTTES |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0524 FNL 0499 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 05 Township: 10.0S Range: 23.0E Meridian: S | | COUNTY: UINTAH |
| | | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | |
| <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: | <input type="checkbox"/> ALTER CASING | |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CASING REPAIR | |
| <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 5/7/2013 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | |
| | <input type="checkbox"/> CHANGE TUBING | |
| | <input type="checkbox"/> CHANGE WELL STATUS | |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | |
| | <input type="checkbox"/> CONVERT WELL TYPE | |
| | <input type="checkbox"/> DEEPEN | |
| | <input type="checkbox"/> FRACTURE TREAT | |
| | <input type="checkbox"/> NEW CONSTRUCTION | |
| | <input type="checkbox"/> OPERATOR CHANGE | |
| | <input type="checkbox"/> PLUG AND ABANDON | |
| | <input type="checkbox"/> PLUG BACK | |
| | <input checked="" type="checkbox"/> PRODUCTION START OR RESUME | |
| | <input type="checkbox"/> RECLAMATION OF WELL SITE | |
| | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION | |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | |
| | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | |
| | <input type="checkbox"/> TEMPORARY ABANDON | |
| | <input type="checkbox"/> TUBING REPAIR | |
| | <input type="checkbox"/> VENT OR FLARE | |
| | <input type="checkbox"/> WATER DISPOSAL | |
| | <input type="checkbox"/> WATER SHUTOFF | |
| | <input type="checkbox"/> SI TA STATUS EXTENSION | |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | |
| | <input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/> | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. | | |
| THE SUBJECT WELL WAS PLACED ON PRODUCTION ON 05/07/2013. THE CHRONOLOGICAL WELL HISTORY WILL BE SUBMITTED WITH THE WELL COMPLETION REPORT. | | |
| Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 09, 2013 | | |
| NAME (PLEASE PRINT) Teena Paulo | PHONE NUMBER 720 929-6236 | TITLE Staff Regulatory Specialist |
| SIGNATURE N/A | DATE 5/9/2013 | |

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU33433

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.
UTU88209A

2. Name of Operator **KERR MCGEE OIL&GAS ONSHORE** Contact: **TEENA PAULO**
 Email: **teena.paulo@anadarko.com**

8. Lease Name and Well No.
BONANZA 1023-5D3AS

3. Address **PO BOX 173779** 3a. Phone No. (include area code)
DENVER, CO 80217 Ph: **720-929-6236**

9. API Well No. **43-047-52094**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **NWNW 524FNL 499FWL 39.983804 N Lat, 109.358348 W Lon**
 At top prod interval reported below **NWNW 823FNL 580FWL**
 At total depth **NWNW Lot 4 835FNL 594FWL**

10. Field and Pool, or Exploratory
NATURAL BUTTES

11. Sec., T., R., M., or Block and Survey or Area **Sec 5 T10S R23E Mer SLB**

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

14. Date Spudded **08/16/2012** 15. Date T.D. Reached **11/26/2012** 16. Date Completed D & A Ready to Prod.
05/07/2013

17. Elevations (DF, KB, RT, GL)*
5254 KB

18. Total Depth: MD **8613** 19. Plug Back T.D.: MD **8547** 20. Depth Bridge Plug Set: MD
 TVD **8593** TVD **8527** TVD

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

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

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

| Hole Size | Size/Grade | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|-------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 20.000 | 14.000 STL | 36.7 | 0 | 40 | | 28 | | | |
| 11.000 | 8.625 IJ-55 | 28.0 | 15 | 2489 | | 1575 | | 0 | |
| 7.875 | 4.500 I-80 | 11.6 | 15 | 8594 | | 1390 | | 500 | |
| | | | | | | | | | |
| | | | | | | | | | |

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 | 8042 | | | | | | | |

25. Producing Intervals

26. Perforation Record

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|--------------|------|--------|---------------------|-------|-----------|--------------|
| A) MESAVERDE | 7610 | 8503 | 7610 TO 8503 | 0.360 | 84 | OPEN |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|----------------|--|
| 7610 TO 8503 | PUMP 4,371 BBLs SLICK H2O & 88,059 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 |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 05/07/2013 | 05/08/2013 | 24 | → | 0.0 | 1965.0 | 0.0 | | | 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 | SI | 2202.0 | → | 0 | 1965 | 0 | | PGW | |

28a. Production - Interval B

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

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

ELECTRONIC SUBMISSION #209280 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 MESAVERDE | 1060 1437 2014 4301 6407 |

32. Additional remarks (include plugging procedure):

The first 210 ft of the surface hole was drilled with a 12 1/4 inch bit. The remainder of the surface hole was drilled with an 11 inch bit. DQX csg was run from surface to 4997 ft; LTC csg was run from 4997 ft. to 8594 ft. Attached is the chronological well history, perforation report and final survey.

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 #209280 Verified by the BLM Well Information System.
For KERR MCGEE OIL&GAS ONSHORE,LP, sent to the Vernal**

Name (please print) TEENA PAULO Title STAFF REGULATORY SPECIALIST

Signature (Electronic Submission) Date 06/03/2013

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 ****

RECEIVED: Jun. 04, 2013

US ROCKIES REGION
Operation Summary Report

| | | | | | | | |
|--|--|--|---------------------------|--|----------------------|--|--|
| Well: BONANZA 1023-5D3AS YELLOW | | | | Spud Date: 9/15/2012 | | | |
| Project: UTAH-UINTAH | | | Site: BONANZA 1023-5D PAD | | | Rig Name No: PROPETRO 12/12, XTC 12/12 | |
| Event: DRILLING | | | Start Date: 8/30/2012 | | End Date: 11/28/2012 | | |
| Active Datum: RKB @5,254.00usft (above Mean Sea Level) | | | | UWI: NW/NW/0/10/S/23/E/5/0/0/26/PM/N/524/W/0/499/0/0 | | | |

| Date | Time Start-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD From (usft) | Operation |
|-----------|----------------|---------------|--------|------|----------|-----|----------------|--|
| 9/15/2012 | 11:30 - 12:00 | 0.50 | PRPSPD | 01 | C | P | | PRE SPUD JOB SAFETY MEETING FINISH PICKING UP BHA. PICK UP NOV 1.83 DEGREE BENT MOTOR (RUN # 1)- .17 REV/GAL SN (775-24-A201). PICK UP 12.25 Q506 DRILL BIT RUN 34 SN (7020485) |
| | 12:00 - 13:30 | 1.50 | DRLSUR | 02 | D | P | | SPUD 09/15/2012 12:00. DRILL 12.25" HOLE 44'-210' (166', 110'/PER HOUR). 12.25 in. BIT ON 33 th RUN. WEIGHT ON BIT 5-15 K. STROKES PER MINUTE 120 GALLONS PER MINUTE 491. PRESSURE ON/OFF (BOTTOM) 800/600. ROTARY RPM 55, MOTOR RPM 83, TOTAL RPM 138. UP/DOWN/ ROTATE 20/20/20 K. DRAG 0 K. CIRCULATE CLOSED LOOP SYSTEM WITH 8.5# WATER. DRILL DOWN TO 210' WITH 6" DRILL COLLARS. |
| | 13:30 - 17:00 | 3.50 | DRLSUR | 06 | A | P | | CIRC 15 MINUTES AND, TRIP OUT TO CHANGE ASSEMBLY. PRE JOB SAFETY MEETING, LAY DOWN 6" DRILL COLLARS, BREAK 12 1/4" BIT. MAKE UP Q506F 11" BIT (3RD RUN) (SN 7138966) PICK UP 8" DIRECTIONAL ASSEMBLY. I NSTALL EM TOOL, TRIP IN HOLE. |
| | 17:00 - 0:00 | 7.00 | DRLSUR | 02 | D | P | | DRILL 11". SURFACE HOLE 210'-1400', (1190', 170'/PER HOUR). WEIGHT ON BIT 15-25 K. STROKES PER MINUTE 120 GALLONS PER MINUTE 491. PRESSURE ON/OFF(BOTTOM) 1050/850. ROTARY RPM 55, MOTOR RPM 83, TOTAL RPM 138. UP/DOWN/ ROT 30/22/28 K. DRAG 2 K. SLIDING 15' PER 90'OF ROTATION GETTING 1.3 DEGREE BUILD RATES CIRCULATE CLOSED LOOP SYSTEM WITH 8.4# WATER. RUNNING VOLUME OVER BOTH SHAKERS NO HOLE ISSUES. |

Operation Summary Report

| | | | |
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| Well: BONANZA 1023-5D3AS YELLOW | | Spud Date: 9/15/2012 | |
| Project: UTAH-UINTAH | | Site: BONANZA 1023-5D PAD | Rig Name No: PROPETRO 12/12, XTC 12/12 |
| Event: DRILLING | | Start Date: 8/30/2012 | End Date: 11/28/2012 |
| Active Datum: RKB @5,254.00usft (above Mean Sea Level) | | UWI: NW/NW/0/10/S/23/E/5/0/0/26/PM/N/524/W/0/499/0/0 | |

| Date | Time Start-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD From (usft) | Operation |
|-----------|----------------|---------------|--------|------|----------|-----|----------------|---|
| 9/16/2012 | 0:00 - 6:00 | 6.00 | DRLSUR | 02 | B | P | | <p>DRILL 11". SURFACE HOLE 1400'-2000', (600', 100'/PER HOUR). WEIGHT ON BIT 18-25 K. STROKES PER MINUTE 120 GALLONS PER MINUTE 491. PRESSURE ON/OFF(BOTTOM) 1175/980. ROTARY RPM 55, MOTOR RPM 83, TOTAL RPM 138. UP/DOWN/ ROT 70/59/64 K. DRAG 6 K.</p> <p>SLIDING 15' PER 90'OF ROTATION GETTING 1.3 DEGREE BUILD RATES CIRCULATE CLOSED LOOP SYSTEM WITH 8.4# WATER. RUNNING VOLUME OVER BOTH SHAKERS</p> <p>PUT AIR ON THE HOLE@1800 CFM @1400' NO OTHER HOLE ISSUES.</p> |
| | 6:00 - 12:00 | 6.00 | DRLSUR | 02 | B | P | | <p>DRILL 11". SURFACE HOLE 2000'-2508', (508', 84'/PER HOUR), TD@9/16/2012 12:00 WEIGHT ON BIT 18-25 K. STROKES PER MINUTE 120 GALLONS PER MINUTE 491. PRESSURE ON/OFF(BOTTOM) 1450/1230. ROTARY RPM 55, MOTOR RPM 83, TOTAL RPM 138. UP/DOWN/ ROT 85/65/80 K. DRAG 5 K.</p> <p>SLIDING 10' PER 90'OF ROTATION GETTING 1.3 DEGREE BUILD RATES CIRCULATE CLOSED LOOP SYSTEM WITH 8.4# WATER. RUNNING VOLUME OVER BOTH SHAKERS</p> <p>PUT AIR ON THE HOLE@1800 CFM @1400' NO OTHER HOLE ISSUES.</p> |
| | 12:00 - 15:00 | 3.00 | DRLSUR | 05 | A | P | | <p>CIRCULATE AND CONDITION HOLE, VOLUME IS CLEAN COMING OVER SHAKERS, 4 400 BBL UPRIGHT'S FULL AND 2 EMPTY, MUD TANKS FULL, HOLE IS STILL LOSING VOLUME LOSING VOLUME.</p> |
| | 15:00 - 20:00 | 5.00 | CSGSUR | 06 | D | P | | <p>TRIP OUT OF HOLE, LAY DOWN BOTTOM HOLE ASSEMBLY, DIRECTIONAL TOOLS, MOTOR AND, BIT. LAY DOWN DIRECTIONAL TOOLS. CLEAR TOOL AREA.</p> |
| | 20:00 - 21:00 | 1.00 | CSGSUR | 06 | A | P | | <p>PRE JOB SAFETY MEETING, MOVE PIPE RACKS AND CATWALK. PULL DIVERTER HEAD. RIG UP TO RUN SURFACE CASING. CLEAR UNRELATED TOOLS.</p> |
| | 21:00 - 23:00 | 2.00 | CSGSUR | 12 | C | P | | <p>RUN 56 JOINTS OF 8-5/8". 28# J-55 LTC CASING. RAN 1 CENTRALIZER ON FIRST THREE JOINTS, AND EVERY OTHER JOINT FOR 2 JOINTS FOR A TOTAL OF 5 CENTRALIZERS.</p> <p>RUN A TOTAL OF 56 JOINTS. RUN CASING TO BOTTOM WITH NO PROBLEMS.</p> <p>SET FLOAT SHOE @ 2478.38' KB. SET TOP OF BAFFLE PLATE @ 2442.29' KB.</p> |

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Spud Date: 9/15/2012

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Site: BONANZA 1023-5D PAD

Rig Name No: PROPETRO 12/12, XTC 12/12

Event: DRILLING

Start Date: 8/30/2012

End Date: 11/28/2012

Active Datum: RKB @5,254.00usft (above Mean Sea Level)

UWI: NW/NW/0/10/S/23/E/5/0/0/26/PM/N/524/W/0/499/0/0

| Date | Time Start-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD From (usft) | Operation |
|-----------|----------------|---------------|--------|------|----------|-----|----------------|--|
| | 23:00 - 0:00 | 1.00 | CSGSUR | 12 | E | P | | RAN 200 ft of 1 INCH PIPE DOWN BACK-SIDE OF CASING. PRE JOB SAFETY MEETING, PRESSURE TEST LINES TO 2000 PSI. |
| 9/17/2012 | 0:00 - 5:30 | 5.50 | CSGSUR | 12 | E | P | | RAN 200 ft of 1 lin. PIPE DOWN BACK-SIDE OF CASING. PRE JOB SAFETY MEETING, PRESSURE TEST LINES TO 2000 PSI. PUMP 145 BBLs OF WATER AHEAD. MIX AND PUMP 20 BBLs OF 8.5# GEL WATER AHEAD. MIX AND PUMP (300 sx) 61.4 BBLs OF 15.8.8# 1.15 YIELD. DROP PLUG ON FLY, DISPLACE W/ 152 BBLs OF H2O, NO RETURNS THROUGH OUT JOB, FINAL LIFT OF 120 PSI AT 3 BBL/MIN. BUMP THE PLUGG WITH 420 PSI, HELD 420 PSI FOR 5 MINUTES, TESTED FLOAT AND FLOAT HELD. |
| | 5:30 - 6:00 | 0.50 | CSGSUR | 12 | E | P | | SHUT DOWN AND WASH UP. PUMP CEMENT DOWN ONE INCH PIPE WITH 150 sx (30.7 bbls.)SAME CEMENT NO RETURNS TO SURFACE. SHUT DOWN AND WASH UP. |

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|------------|----------------|---------------|--------|------|----------|-----|----------------|---|
| | 6:00 - 11:30 | 5.50 | CSGSUR | 12 | E | P | | <p>WAIT 1.5 HOURS ON CEMENT, CEMENT DOWN BACKSIDE W/ 125 sx (25.6 bbls.) SAME CEMENT NO RETURNS TO SURFACE.</p> <p>WAIT 1.5 HOURS ON CEMENT, CEMENT DOWN BACKSIDE W/ 100 sx (20.4 bbls.) SAME CEMENT NO RETURNS TO SURFACE.</p> <p>WAIT 1.5 HOURS ON CEMENT, CEMENT DOWN BACKSIDE W/ 225 sx (46 bbls.) SAME CEMENT NO RETURNS TO SURFACE.</p> <p>WAIT 1.5 HOURS ON CEMENT, CEMENT DOWN BACKSIDE W/ 125 sx (25.6 bbls.) SAME CEMENT NO RETURNS TO SURFACE.</p> <p>WAIT 1.5 HOURS ON CEMENT, CEMENT DOWN BACKSIDE W/ 100 sx (20.4 bbls.) SAME CEMENT NO RETURNS TO SURFACE.</p> <p>WAIT 1.5 HOURS ON CEMENT, CEMENT DOWN BACKSIDE W/ 125 sx (25.6 bbls.) SAME CEMENT NO RETURNS TO SURFACE.</p> <p>WAIT 1.5 HOURS ON CEMENT, CEMENT DOWN BACKSIDE W/ 100 sx (20.4 bbls.) SAME CEMENT NO RETURNS TO SURFACE.</p> <p>WAIT 1.5 HOURS ON CEMENT, CEMENT DOWN BACKSIDE W/ 125 sx (25.6 bbls.) SAME CEMENT NO RETURNS TO SURFACE.</p> <p>WAIT 1.5 HOURS ON CEMENT, CEMENT DOWN BACKSIDE W/ 100 sx (20.4 bbls.) SAME CEMENT NO RETURNS TO SURFACE.</p> <p>WAIT 1.5 HOURS ON CEMENT, CEMENT DOWN BACKSIDE W/ 125 sx (25.6 bbls.) SAME CEMENT NO RETURNS TO SURFACE.</p> <p>WAIT 1.5 HOURS ON CEMENT, CEMENT DOWN BACKSIDE W/ 100 sx (20.4 bbls.) SAME CEMENT NO RETURNS TO SURFACE.</p> <p>WAIT 1.5 HOURS ON CEMENT, CEMENT DOWN BACKSIDE W/ 100 sx (20.4 bbls.) SAME CEMENT 3 BBLs RETURNS TO SURFACE.</p> <p>RIG DOWN CEMENTERS. (CEMENT JOB FINISHED AT 17:00 hrs. 09/17/2012)</p> <p>RELEASE RIG AT 04:00 hrs. 09/17/2012</p> |
| 11/22/2012 | 17:30 - 18:30 | 1.00 | MIRU | 01 | C | P | | SKID AND CENTER THE RIG OVER THE HOLE |
| | 18:30 - 19:00 | 0.50 | MIRU | 01 | B | P | | RIG UP FLOW LINE AND MUD LINES |
| | 19:00 - 19:30 | 0.50 | PRPSPD | 14 | A | P | | NIPPLE UP THE BOP |
| | 19:30 - 0:00 | 4.50 | PRPSPD | 15 | A | P | | HOLD SAFETY MEETING. TEST TOP DRIVE VALVE, I-BOP VALVE, FLOOR VALVE, DART VALVE, PIPE AND BLIND RAMS, INSIDE AND OUTSIDE KILL LINE VALVES INSIDE OUTSIDE CHOKE LINE VALVE, HCR VALVE, CHOKE LINE, CHOKE MANIFOLD VALVES AND CHOKES TO 5000 PSI FOR 10 MINUTES AND 250 PSI FOR 5 MINUTES. TEST ANNULAR TO 2500 PSI FOR 10 MIN AND 250 PSI FOR 5 MINUTES. |
| 11/23/2012 | 0:00 - 0:30 | 0.50 | PRPSPD | 14 | B | P | | INSTALL THE WEAR BUSHING AND DO A PRE SPUD INSPECTION |
| | 0:30 - 3:00 | 2.50 | PRPSPD | 06 | A | P | | PICKED UP AND SCRIBED THE BHA THEN TRIPPED IN THE HOLE. |
| | 3:00 - 3:30 | 0.50 | PRPSPD | 07 | A | P | | RIG SERVICE |
| | 3:30 - 4:30 | 1.00 | PRPSPD | 09 | A | P | | CUT 10 WRAPS 65' DRILLING LINE. |
| | 4:30 - 6:00 | 1.50 | PRPSPD | 06 | A | P | | TRIP IN HOLE AND TAGGED CEMENT AT 2380' |
| | 6:00 - 7:00 | 1.00 | DRLPRC | 02 | F | P | | DRILLED THE SHOE TRACK F/ 2380' TO 2519' |

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| Event: DRILLING | | Start Date: 8/30/2012 | End Date: 11/28/2012 |
| Active Datum: RKB @5,254.00usft (above Mean Sea Level) | | UWI: NW/NW/0/10/S/23/E/5/0/0/26/PM/N/524/W/0/499/0/0 | |

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|------|----------------|---------------|--------|------|----------|-----|----------------|--|
| | 7:00 - 17:30 | 10.50 | DRLPRC | 02 | B | P | | DRILL SLIDE 2519' - 3630' (1114' @ 106 '/HR) WEIGHT ON BIT 12-17K. AVERAGE WEIGHT ON BIT 15K. ROTARY RPM 55, MUD MOTOR RPM 168. STROKES PER MINUTE 115 GALLONS PER MINUTE 517. OFF/ON PSI 1218/1528. DIFFERENTIAL 348. TORQUE HIGH/LOW 4500/3000. OFF BOTTOM TORQUE 2500 STRING WEIGHT UP/DOWN/ROT 98/81/87. DRAG 11K. NOV RUNNING CONE WITH 2 CENTRIFUGES ON DEWATER. WT 9.1 VIS 31. ///// DRILLING WITH FLOWZAN MUD CHEM ///// PUMP LCM SWEEPS TO HELP WITH LOSSES. (ADD 0 BBLS OF DRILL WATER TO PITS FOR VOLUME) NO FLARE FootageFeet% Total1114 Slide11510.35% Rotate99689.65% TimeMinHrs% Total 5709.5 Slide1001.66666717.54% Rotate4707.83333382.46% 3536' 5' North 8' West of center target RIG SERVICE |
| | 17:30 - 18:00 | 0.50 | DRLPRC | 07 | A | P | | |

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| Project: UTAH-UINTAH | | Site: BONANZA 1023-5D PAD | Rig Name No: PROPETRO 12/12, XTC 12/12 |
| Event: DRILLING | | Start Date: 8/30/2012 | End Date: 11/28/2012 |
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| Date | Time Start-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD From (usft) | Operation |
|------------|----------------|---------------|--------|------|----------|-----|----------------|---|
| | 18:00 - 0:00 | 6.00 | DRLPRV | 07 | A | P | | DRILL SLIDE 3630' TO 4157' (527' @ 88 '/HR) WEIGHT ON BIT 12-17K. AVERAGE WEIGHT ON BIT 15K. ROTARY RPM 55, MUD MOTOR RPM 168. STROKES PER MINUTE 115 GALLONS PER MINUTE 517. OFF/ON PSI 1380/1620. DIFFERENTIAL 350. TORQUE HIGH/LOW 3700/2500. OFF BOTTOM TORQUE 2500 STRING WEIGHT UP/DOWN/ROT 105/75/85. DRAG 20K. NOV RUNNING CONE WITH 2 CENTRIFUGES ON DEWATER. WT 9.1 VIS 31. ///// DRILLING WITH FLOWZAN MUD CHEM ///// PUMP LCM SWEEPS TO HELP WITH LOSSES. (ADD 0 BBLS OF DRILL WATER TO PITS FOR VOLUME) NO FLARE FootageFeet% Total527 Slide427.97% Rotate48592.03% TimeMinHrs% Total 3606 Slide500.83333313.89% Rotate3105.16666786.11% 4063' 9' North 12' West |
| 11/24/2012 | 0:00 - 5:30 | 5.50 | DRLPRV | 07 | A | P | | DRILL SLIDE F/ 4157' - T/ 4646'(489' @ 88.9 '/HR) WEIGHT ON BIT 12-17K. AVERAGE WEIGHT ON BIT 15K. ROTARY RPM 55, MUD MOTOR RPM 168. STROKES PER MINUTE 115 GALLONS PER MINUTE 518. OFF/ON PSI 1520/1905. DIFFERENTIAL 399. TORQUE HIGH/LOW 3900/2500. STRING WEIGHT UP/DOWN/ROT 110/90/100. DRAG 10K. NOV 2 CENTRIFUGES ON DEWATER. WT 8.9 VIS 34. ///// DRILLING WITH FLOWZAN MUD CHEM ///// PUMP LCM SWEEPS TO HELP WITH LOSSES. (ADD 20 BBLS OF DRILL WATER TO PITS FOR VOLUME) NO FLARE |
| | 5:30 - 6:00 | 0.50 | DRLPRV | 07 | A | P | | RIG SERVICE |

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| Date | Time Start-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD From (usft) | Operation |
|------|----------------|---------------|--------|------|----------|-----|----------------|---|
| | 6:00 - 17:30 | 11.50 | DRLPRV | 07 | A | P | | DRILL SLIDE F/ 4646' TO 5622 (976' @ 88.9 '/HR) WEIGHT ON BIT 12-17K. AVERAGE WEIGHT ON BIT 15K. ROTARY RPM 60, MUD MOTOR RPM 168. STROKES PER MINUTE 115 GALLONS PER MINUTE 518. OFF/ON PSI 1662/2152. DIFFERENTIAL 450. TORQUE HIGH/LOW 5323/2898. STRING WEIGHT UP/DOWN/ROT 127/102/110. DRAG 17K. NOV 2 CENTRIFUGES ON DEWATER. WT 8.9 VIS 34. ///// DRILLING WITH FLOWZAN MUD CHEM ///// PUMP LCM SWEEPS TO HELP WITH LOSSES. (ADD 0 BBLS OF DRILL WATER TO PITS FOR VOLUME) NO FLARE Footage Slide-18'=2% Rotate-960'=98% Time Slide-0.5Hrs=4% Rotate-11Hrs=96% 9' North, 15' West of target center |
| | 17:30 - 18:00 | 0.50 | DRLPRV | 07 | A | P | | RIG SERVICE GREASE BLOCKS,CROWN,CHECK DRAW TOOL BRAKES |
| | 18:00 - 0:00 | 6.00 | DRLPRV | 07 | A | P | | DRILL SLIDE F/ 5622' TO 6028 (406' @ 67 '/HR) WEIGHT ON BIT 12-17K. AVERAGE WEIGHT ON BIT 15K. ROTARY RPM 60, MUD MOTOR RPM 168. STROKES PER MINUTE 115 GALLONS PER MINUTE 518. OFF/ON PSI 1700/2050. DIFFERENTIAL 400. TORQUE HIGH/LOW 4200/2500. STRING WEIGHT UP/DOWN/ROT 130/115/100. DRAG 30 K. NOV 2 CENTRIFUGES ON DEWATER. WT 9.0 VIS 35. ///// DRILLING WITH FLOWZAN MUD CHEM ///// PUMP LCM SWEEPS TO HELP WITH LOSSES. (ADD 0 BBLS OF DRILL WATER TO PITS FOR VOLUME) NO FLARE Footage Slide-20'=5% Rotate-386'=95% Time Slide-0.41Hrs=7% Rotate-5.58Hrs=93% 8' North, 14' West of target center |

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| Date | Time Start-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD From (usft) | Operation |
|------------|----------------|---------------|--------|------|----------|-----|----------------|--|
| 11/25/2012 | 0:00 - 5:30 | 5.50 | DRLPRV | 07 | A | P | | DRILL SLIDE F/ 6028 TO 6461' (433" @ 78 '/HR) WEIGHT ON BIT 15-25 K. AVERAGE WEIGHT ON BIT 25K. ROTARY RPM 55, MUD MOTOR RPM 168. STROKES PER MINUTE 115 GALLONS PER MINUTE 518. OFF/ON PSI 1800/2000. DIFFERENTIAL 200. TORQUE HIGH/LOW 4000/2500. STRING WEIGHT UP/DOWN/ROT 140/114/120. DRAG 20 K. NOV 2 CENTRIFUGES OFF DEWATER. WT 9.1 VIS 35. ///// DRILLING WITH FLOWZAN MUD CHEM ///// PUMP LCM SWEEPS TO HELP WITH LOSSES. (ADD 50 BBLs OF DRILL WATER TO PITS FOR VOLUME) NO FLARE |
| | 5:30 - 6:00 | 0.50 | DRLPRV | 07 | A | P | | RIG SERVICE |
| | 6:00 - 17:30 | 11.50 | DRLPRV | 07 | A | P | | DRILL SLIDE F/ 6461' TO 7338' (877" @ 76 '/HR) WEIGHT ON BIT 15-25 K. AVERAGE WEIGHT ON BIT 25K. ROTARY RPM 55, MUD MOTOR RPM 168. STROKES PER MINUTE 115 GALLONS PER MINUTE 518. OFF/ON PSI 1866/2103. DIFFERENTIAL 493. TORQUE HIGH/LOW 4804/3355. STRING WEIGHT UP/DOWN/ROT 151/122/130. DRAG 21 K. NOV 2 CENTRIFUGES OFF DEWATER. WT 8.8 VIS 34. ///// DRILLING WITH FLOWZAN MUD CHEM ///// PUMP LCM SWEEPS TO HELP WITH LOSSES. (ADD 40 BBLs OF DRILL WATER TO PITS FOR VOLUME) NO FLARE |
| | 17:30 - 18:00 | 0.50 | DRLPRV | 07 | A | P | | RIG SERVICE |

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|------------|----------------|---------------|--------|------|----------|-----|----------------|---|
| | 18:00 - 0:00 | 6.00 | DRLPRV | 07 | A | P | | DRILL SLIDE F/ 7338' TO 7960' (622" @ 103 '/HR) WEIGHT ON BIT 15-25 K. AVERAGE WEIGHT ON BIT 25K. ROTARY RPM 60, MUD MOTOR RPM 168. STROKES PER MINUTE 115 GALLONS PER MINUTE 518. OFF/ON PSI 1800/2200. DIFFERENTIAL 475. TORQUE HIGH/LOW 4800/3375. STRING WEIGHT UP/DOWN/ROT 170/135/145. DRAG 25 K. NOV 2 CENTRIFUGES OFF DEWATER. WT 9.1 VIS 35. ///// DRILLING WITH FLOWZAN MUD CHEM ///// PUMP LCM SWEEPS TO HELP WITH LOSSES. (ADD 20 BBLS OF DRILL WATER TO PITS FOR VOLUME) NO FLARE Slide-8'=1% Rotate-614'=99% Time Slide-0.16Hrs=2% Rotate-5.83Hrs=98% 16' North, 11' West of target center |
| 11/26/2012 | 0:00 - 5:30 | 5.50 | DRLPRV | 07 | A | P | | DRILL SLIDE F/ 7960' TO 8398' (438" @79 '/HR) WEIGHT ON BIT 15-25 K. AVERAGE WEIGHT ON BIT 25K. ROTARY RPM 60, MUD MOTOR RPM 168. STROKES PER MINUTE 115 GALLONS PER MINUTE 518. OFF/ON PSI 1800/2200. DIFFERENTIAL 475. TORQUE HIGH/LOW 5200/2900. STRING WEIGHT UP/DOWN/ROT 165/130/145. DRAG 20 K. NOV 2 CENTRIFUGES OFF DEWATER. WT 11.7 VIS 36. PUMP LCM SWEEPS TO HELP WITH LOSSES. (ADD 20 BBLS OF DRILL WATER TO PITS FOR VOLUME) NO FLARE |
| | 5:30 - 6:00 | 0.50 | DRLPRV | 07 | A | P | | RIG SERVICE / TOP DRIVE |

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|------------|----------------|---------------|--------|------|----------|-----|----------------|---|
| | 6:00 - 9:30 | 3.50 | DRLPRV | 07 | A | P | | DRILL SLIDE F/ 8398' TO 8613' (215" @61 '/HR) WEIGHT ON BIT 15-25 K. AVERAGE WEIGHT ON BIT 25K. ROTARY RPM 60, MUD MOTOR RPM 168. STROKES PER MINUTE 115 GALLONS PER MINUTE 518. OFF/ON PSI 2900/2200. DIFFERENTIAL 475. TORQUE HIGH/LOW 5200/2900. STRING WEIGHT UP/DOWN/ROT 165/130/145. DRAG 20 K. NOV 2 CENTRIFUGES OFF DEWATER. WT 11.7 VIS 38. PUMP LCM SWEEPS TO HELP WITH LOSSES. (ADD 0 BBLs OF DRILL WATER TO PITS FOR VOLUME) NO FLARE |
| | 9:30 - 11:30 | 2.00 | DRLPRV | 05 | C | P | | CIRCULATED AND CONDITIONED MUD MW 11.7 38 VIS. |
| | 11:30 - 13:00 | 1.50 | DRLPRV | 06 | E | P | | WIPER TRIP OUT OF HOLE. NO TIGHT HOLE. HOLE TAKEN PERFECT FLUID. PUMP 40 BBL 13.1# CLEAN MUD PILL @8575'. CONTINUE TRIPPING OUT. TO 7260' |
| | 13:00 - 13:30 | 0.50 | DRLPRV | 07 | A | P | | RIG SERVICE TOP DRIVE. |
| | 13:30 - 15:00 | 1.50 | DRLPRV | 08 | A | Z | | WORK ON HPU, HYD PUMP TROUBLE SHOOT ELECTRIC SYSTEM AND FOUND IT TO BE LOW ON OIL. AND A BLOWN FUSE. |
| | 15:00 - 0:00 | 9.00 | DRLPRV | 06 | E | P | | WIPER TRIP OUT OF HOLE. F/ 7260 TO 5228' NO TIGHT HOLE. HOLE TAKEN PERFECT FLUID. TO 5228' HIT TIGHT SPOT WORKED TIGHT SPOT HOLE WAS PACKING OFF LOST TOTAL OF 500 bbls ON TRIP TO 3215'. WORKING TIGHT SPOTS @5228,4950,4920,4220 TO 3230,3185 TO 3215' SEEPING WILE PUMPING OUT |
| 11/27/2012 | 0:00 - 1:30 | 1.50 | DRLPRV | 06 | E | P | | WIPER TRIP OUT OF HOLE. F/ 3,215' TO 2,519' @ CASING SHOE. NO TIGHT HOLE. |
| | 1:30 - 2:00 | 0.50 | DRLPRV | 07 | A | P | | RIG SERVICE |
| | 2:00 - 8:30 | 6.50 | DRLPRV | 06 | E | P | | TRIPPED IN THE HOLE. WE HAD BRIDGES @ 2,844', 3,185', 3,230', 4,220', 4,920', 4,950', 5,228'. 10' FILL ON BOTTOM. |
| | 8:30 - 11:30 | 3.00 | DRLPRV | 05 | C | P | | CIRCULATED AND CONDITIONED MUD MW 11.7/ 38 VIS. |
| | 11:30 - 19:30 | 8.00 | DRLPRV | 06 | A | P | | TRIP OUT F / 8613' LAYING DOWN, LAY DOWN DIR TOOL BREAK BIT LAY DOW M.M TO RUN CASING |
| | 19:30 - 20:30 | 1.00 | DRLPRV | 14 | B | P | | PULLED THE WEAR BUSHING, BREAK SAVOR SUB ON TOP DRIVE. |
| | 20:30 - 0:00 | 3.50 | CSGPRO | 12 | C | P | | RIG UP KIMZEY RAN 196 TOTAL JTS. OF CASING (81 JOINTS OF 4.5"/11.6# / I-80/ LTC + 1 MARKER) + (113 JTS. OF 4.5"/ 11.6# / I-80/ DQX + 1-DQX CROSS OVER). LANDED @8593.76', FLOAT COLLAR @ 8548.12', MESA VERDE MARKER @ 6384.13', CROSS OVER JT. @4996.60' |

Operation Summary Report

| | | | | | |
|--|--|---------------------------|--|--|--|
| Well: BONANZA 1023-5D3AS YELLOW | | | Spud Date: 9/15/2012 | | |
| Project: UTAH-UINTAH | | Site: BONANZA 1023-5D PAD | | Rig Name No: PROPETRO 12/12, XTC 12/12 | |
| Event: DRILLING | | Start Date: 8/30/2012 | | End Date: 11/28/2012 | |
| Active Datum: RKB @5,254.00usft (above Mean Sea Level) | | | UWI: NW/NW/0/10/S/23/E/5/0/0/26/PM/N/524/W/0/499/0/0 | | |

| Date | Time Start-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD From (usft) | Operation |
|------------|----------------|---------------|--------|------|----------|-----|----------------|---|
| 11/28/2012 | 0:00 - 5:30 | 5.50 | CSGPRO | 12 | C | P | | FINISH RUNNING CSG. 196 TOTAL JTS. OF CASING (81 JOINTS OF 4.5"/11.6# / I-80/ LTC + 1 MARKER) + (113 JTS. OF 4.5"/ 11.6#/ I-80/ DQX + 1-DQX CROSS OVER). LANDED @ 8593.76', FLOAT COLLAR @ 8548.12', MESA VERDE MARKER @ 6384.13', CROSS OVER JT. @ 4996.60' |
| | 5:30 - 7:30 | 2.00 | CSGPRO | 05 | D | P | | CIRC BOTTOMS UP 11.8 42 VIS NO FLAIR. |
| | 7:30 - 11:30 | 4.00 | CSGPRO | 12 | E | P | | HELD A SAFETY MEETING WITH BAKER THEN PRESSURE TEST TO 4600 PSI. PUMP 25 BBLS OF FRESH WATER. PUMP 166 BBLS (470 SX) OF PREMIUM LITE II LEAD CEMENT, 12.5 PPG 1.98 YLD, .05 LB/SACK OF STATIC FREE + .4% BWOC R-3 +.25 LBS/SACK CELLO FLAKE + 5 LBS/SACK KOL-SEAL + .4% BWOC FL-52 + .2% BWOC SODIUM METASILICATE + 6% BWOC BENTONITE + 100.1%FRESH WATER . FOLLOWED BY 216 BBLS (920 SX) OF 14.3 # 1.32 YD 5.92 GAL/SK. POZ 50/50 TAIL CEMENT + 2% BWOC BENTONITEII + .005 LB/SACK STATIC FREE + 10% BWOW SODIUM CHLORIDE + .55%BWOC R-3 + .002GPS FP-6L + 58.8% FRESH WATER . SHUT DOWN AND FLUSH LINES. DROP PLUG AND DISPLACE W/ 132.8 BBLS OF FRESH WATER TREATED WITH CLAYFIX AND MAGNACIDE.FULL RETURNS, 1.5 BBLS OF WATER BACK AND 15 BBLS H2O TO SURFACE NO CEMENT. LIFT PSI OF 2225 / BUMP PLUG 3000 PSI. PRESSURE HELD 5 MINS. FLOAT HELD. FLOW BACK 1.5 BBLS. EST. TOC FOR TAIL 3900'. RIG DOWN CEMENTERS. |
| | 11:30 - 12:00 | 0.50 | RDMO | 14 | A | P | | NIPPLED DOWN THE BOP |
| | 12:00 - 13:00 | 1.00 | RDMO | 14 | B | P | | SET CSG HANGER. RIG RELEASED @ 13:00 |

US ROCKIES REGION

1 General

1.1 Customer Information

| | |
|----------------|-------------------|
| Company | US ROCKIES REGION |
| Representative | |
| Address | |

1.2 Well/Wellbore Information

| | | | |
|--------------|---|---------------|--|
| Well | BONANZA 1023-5D3AS YELLOW | Wellbore No. | OH |
| Well Name | BONANZA 1023-5D3AS | Wellbore Name | BONANZA 1023-5D3AS |
| Report No. | 1 | Report Date | 4/29/2013 |
| Project | UTAH-UJINTAH | Site | BONANZA 1023-5D PAD |
| Rig Name/No. | SWABCO 6/6 | Event | COMPLETION |
| Start Date | 12/13/2012 | End Date | 5/7/2013 |
| Spud Date | 9/15/2012 | Active Datum | RKB @5.254.00usft (above Mean Sea Level) |
| UWI | NW/NW/0/10/S/23/E/5/0/0/26/PM/N/524/W/0/499/0/0 | | |

1.3 General

| | | | | | |
|---------------------|--|-----------------|--|------------|--|
| Contractor | | Job Method | | Supervisor | |
| Perforated Assembly | | 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 | 7,610.0 (usft)-8,503.0 (usft) | Start Date/Time | 4/29/2013 12:00AM |
| No. of Intervals | 28 | End Date/Time | 4/29/2013 12:00AM |
| Total Shots | 84 | Net Perforation Interval | 28.00 (usft) |
| Avg Shot Density | 3.00 (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 /Stage No | Carr Size (in) | Phasing (°) | Charge Desc /Charge Manufacturer | Charge Weight (gram) | Reason | Misrun |
|-------------------|---------------------|-------------|----------------|---------------|----------------|------------------------|--------------------|---------------|---------------------|----------------|-------------|----------------------------------|----------------------|-----------|--------|
| 4/29/2013 12:00AM | MESAVERDE/ | | | 7,610.0 | 7,611.0 | 3.00 | | 0.360 | EXP/ | 3.375 | 120.00 | | 23.00 | PRODUCTIO | N |

US ROCKIES REGION

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 /Stage No | Carr Size (in) | Phasing (°) | Charge Desc /Charge Manufacturer | Charge Weight (gram) | Reason | Misrun |
|----------------------|-------------------------|----------------|----------------------|------------------|-------------------|------------------------------|------------------------|----------------------|---------------------|----------------------|----------------|-------------------------------------|----------------------------|----------------|--------|
| 4/29/2013 12:00AM | MESAVERDE/ | | | 7,641.0 | 7,642.0 | 3.00 | | 0.360 | EXP/ | 3.375 | 120.00 | | 23.00 | PRODUCTIO N | |
| 4/29/2013 12:00AM | MESAVERDE/ | | | 7,654.0 | 7,655.0 | 3.00 | | 0.360 | EXP/ | 3.375 | 120.00 | | 23.00 | PRODUCTIO N | |
| 4/29/2013 12:00AM | MESAVERDE/ | | | 7,665.0 | 7,666.0 | 3.00 | | 0.360 | EXP/ | 3.375 | 120.00 | | 23.00 | PRODUCTIO N | |
| 4/29/2013 12:00AM | MESAVERDE/ | | | 7,680.0 | 7,681.0 | 3.00 | | 0.360 | EXP/ | 3.375 | 120.00 | | 23.00 | PRODUCTIO N | |
| 4/29/2013 12:00AM | MESAVERDE/ | | | 7,751.0 | 7,752.0 | 3.00 | | 0.360 | EXP/ | 3.375 | 120.00 | | 23.00 | PRODUCTIO N | |
| 4/29/2013 12:00AM | MESAVERDE/ | | | 7,765.0 | 7,766.0 | 3.00 | | 0.360 | EXP/ | 3.375 | 120.00 | | 23.00 | PRODUCTIO N | |
| 4/29/2013 12:00AM | MESAVERDE/ | | | 7,779.0 | 7,780.0 | 3.00 | | 0.360 | EXP/ | 3.375 | 120.00 | | 23.00 | PRODUCTIO N | |
| 4/29/2013 12:00AM | MESAVERDE/ | | | 7,824.0 | 7,825.0 | 3.00 | | 0.360 | EXP/ | 3.375 | 120.00 | | 23.00 | PRODUCTIO N | |
| 4/29/2013 12:00AM | MESAVERDE/ | | | 7,850.0 | 7,851.0 | 3.00 | | 0.360 | EXP/ | 3.375 | 120.00 | | 23.00 | PRODUCTIO N | |
| 4/29/2013 12:00AM | MESAVERDE/ | | | 7,885.0 | 7,886.0 | 3.00 | | 0.360 | EXP/ | 3.375 | 120.00 | | 23.00 | PRODUCTIO N | |
| 4/29/2013 12:00AM | MESAVERDE/ | | | 7,901.0 | 7,902.0 | 3.00 | | 0.360 | EXP/ | 3.375 | 120.00 | | 23.00 | PRODUCTIO N | |
| 4/29/2013 12:00AM | MESAVERDE/ | | | 7,973.0 | 7,974.0 | 3.00 | | 0.360 | EXP/ | 3.375 | 120.00 | | 23.00 | PRODUCTIO N | |
| 4/29/2013 12:00AM | MESAVERDE/ | | | 8,027.0 | 8,028.0 | 3.00 | | 0.360 | EXP/ | 3.375 | 120.00 | | 23.00 | PRODUCTIO N | |
| 4/29/2013 12:00AM | MESAVERDE/ | | | 8,062.0 | 8,063.0 | 3.00 | | 0.360 | EXP/ | 3.375 | 120.00 | | 23.00 | PRODUCTIO N | |
| 4/29/2013 12:00AM | MESAVERDE/ | | | 8,071.0 | 8,072.0 | 3.00 | | 0.360 | EXP/ | 3.375 | 120.00 | | 23.00 | PRODUCTIO N | |
| 4/29/2013 12:00AM | MESAVERDE/ | | | 8,089.0 | 8,090.0 | 3.00 | | 0.360 | EXP/ | 3.375 | 120.00 | | 23.00 | PRODUCTIO N | |
| 4/29/2013 12:00AM | MESAVERDE/ | | | 8,106.0 | 8,107.0 | 3.00 | | 0.360 | EXP/ | 3.375 | 120.00 | | 23.00 | PRODUCTIO N | |
| 4/29/2013 12:00AM | MESAVERDE/ | | | 8,134.0 | 8,135.0 | 3.00 | | 0.360 | EXP/ | 3.375 | 120.00 | | 23.00 | PRODUCTIO N | |
| 4/29/2013 12:00AM | MESAVERDE/ | | | 8,168.0 | 8,169.0 | 3.00 | | 0.360 | EXP/ | 3.375 | 120.00 | | 23.00 | PRODUCTIO N | |
| 4/29/2013 12:00AM | MESAVERDE/ | | | 8,198.0 | 8,199.0 | 3.00 | | 0.360 | EXP/ | 3.375 | 120.00 | | 23.00 | PRODUCTIO N | |
| 4/29/2013 12:00AM | MESAVERDE/ | | | 8,219.0 | 8,220.0 | 3.00 | | 0.360 | EXP/ | 3.375 | 120.00 | | 23.00 | PRODUCTIO N | |

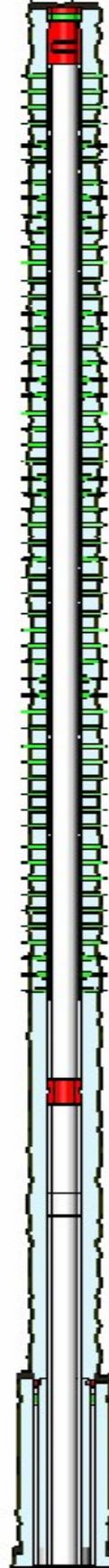
US ROCKIES REGION

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 /Stage No | Carr Size (in) | Phasing (°) | Charge Desc /Charge Manufacturer | Charge Weight (gram) | Reason | Misruin |
|----------------------|-------------------------|----------------|----------------------|------------------|-------------------|------------------------------|------------------------|----------------------|---------------------|----------------------|----------------|-------------------------------------|----------------------------|-----------|---------|
| 4/29/2013 12:00AM | MESAVERDE/ | | | 8,263.0 | 8,264.0 | 3.00 | | 0.360 | EXP/ | 3.375 | 120.00 | | 23.00 | PRODUCTIO | N |
| 4/29/2013 12:00AM | MESAVERDE/ | | | 8,273.0 | 8,274.0 | 3.00 | | 0.360 | EXP/ | 3.375 | 120.00 | | 23.00 | PRODUCTIO | N |
| 4/29/2013 12:00AM | MESAVERDE/ | | | 8,301.0 | 8,302.0 | 3.00 | | 0.360 | EXP/ | 3.375 | 120.00 | | 23.00 | PRODUCTIO | N |
| 4/29/2013 12:00AM | MESAVERDE/ | | | 8,397.0 | 8,398.0 | 3.00 | | 0.360 | EXP/ | 3.375 | 120.00 | | 23.00 | PRODUCTIO | N |
| 4/29/2013 12:00AM | MESAVERDE/ | | | 8,488.0 | 8,489.0 | 3.00 | | 0.360 | EXP/ | 3.375 | 120.00 | | 23.00 | PRODUCTIO | N |
| 4/29/2013 12:00AM | MESAVERDE/ | | | 8,502.0 | 8,503.0 | 3.00 | | 0.360 | EXP/ | 3.375 | 120.00 | | 23.00 | PRODUCTIO | N |

3 Plots

3.1 Wellbore Schematic



US ROCKIES REGION
Operation Summary Report

| | | | | | |
|--|--|---------------------------|--|--------------------------|--|
| Well: BONANZA 1023-5D3AS YELLOW | | | Spud Date: 9/15/2012 | | |
| Project: UTAH-UINTAH | | Site: BONANZA 1023-5D PAD | | Rig Name No: SWABBCO 6/6 | |
| Event: COMPLETION | | Start Date: 12/13/2012 | | End Date: 5/7/2013 | |
| Active Datum: RKB @5,254.00usft (above Mean Sea Level) | | | UWI: NW/NW/0/10/S/23/E/5/0/0/26/PM/N/524/W/0/499/0/0 | | |

| Date | Time Start-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD From (usft) | Operation |
|------------|----------------|---------------|--------|------|----------|-----|----------------|--|
| 12/13/2012 | - | | | | | | | |
| 12/14/2012 | - | | | | | | | |
| 12/15/2012 | - | | | | | | | |
| 3/28/2013 | 7:00 - 7:30 | 0.50 | SUBSPR | 48 | | P | | PICK UP TBG |
| | 7:30 - 17:00 | 9.50 | SUBSPR | 31 | I | P | | MIRU, NDWH CK FOR H2S, CLEAN, NU BOP'S, TEST BOP'S, PU BIT, BIT SUB, TBG, TIH TBG TO 8546', 270 JTS, CIRC WELLBORE CLEAN WITH 145 BBLS TREATED T-MAC LAY DWN 60 JTS TBG ON TLR,, SWEFWE |
| 4/1/2013 | 7:00 - 7:30 | 0.50 | SUBSPR | 48 | | P | | RDMO |
| | 7:30 - 11:00 | 3.50 | SUBSPR | 31 | I | P | | POOH TBG, LAY TBG ON TLR, ND BOP'S, NU WH, RDMO TO BON 1023-5E2AS |
| 4/25/2013 | 9:30 - 11:30 | 2.00 | SUBSPR | 33 | C | P | | FILL SURFACE CSG. MIRU CAMERON QUICK TEST. PRESSURE TEST CSG & FRAC VALVES 1ST PSI TEST T/ 7000 PSI. HELD FOR 15 MIN LOST 68 PSI. NO COMMUNICATION OR MIGRATION WITH SURFACE CSG BLEED OFF PSI. |
| | | | | | | | | PRESSURE TEST 8 5/8 X 4 1/2 TO 502 PSI HELD FOR 5 MIN LOST -34 PSI,BLED PSI OFF, REINSTALLED POP OFF |
| | | | | | | | | PERF STG 1)PU 3 1/8 EXP GUN, 23 GM, .36 HOLE SIZE. 90 DEG PHASING. RIH PERF AS PER PERF DESIGN. POOH. SWIFW |

Operation Summary Report

| | | | |
|--|--|--|--------------------------|
| Well: BONANZA 1023-5D3AS YELLOW | | Spud Date: 9/15/2012 | |
| Project: UTAH-UINTAH | | Site: BONANZA 1023-5D PAD | Rig Name No: SWABBCO 6/6 |
| Event: COMPLETION | | Start Date: 12/13/2012 | End Date: 5/7/2013 |
| Active Datum: RKB @5,254.00usft (above Mean Sea Level) | | UWI: NW/NW/0/10/S/23/E/5/0/0/26/PM/N/524/W/0/499/0/0 | |

| Date | Time Start-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD From (usft) | Operation |
|-----------|----------------|---------------|--------|------|----------|-----|----------------|--|
| 4/29/2013 | 8:00 - 18:00 | 10.00 | FRAC | 36 | B | P | | <p>FRAC STG 1)WHP 1391 PSI, BRK 4504 PSI @ 5.1 BPM. ISIP 2418 PSI, FG. 0.73 ISIP 2401 PSI, FG. 0.73, NPI -17 PSI. SWI, XO T/ WL.</p> <p>PERF STG 2)SET CBP & PERF AS PER PROCEDURE.</p> <p>FRAC STG 2)WHP 1955 PSI, BRK 3913 PSI @ 4.9 BPM. ISIP 2171 PSI, FG. 0.71 ISIP 2605 PSI, FG. 0.76, NPI 434 PSI. SWI, XO T/ WL.</p> <p>PERF STG 3)SET CBP & PERF AS PER PROCEDURE.</p> <p>FRAC STG 3)WHP 1447 PSI, BRK 2759 PSI @ 6.9 BPM. ISIP 1803 PSI, FG. 0.67 ISIP 2395 PSI, FG. 0.74, NPI 592 PSI. SWI, XO T/ WL.</p> <p>PERF STG 4)SET CBP & PERF AS PER PROCEDURE.</p> <p>FRAC STG 4)WHP 1710 PSI, BRK 2928 PSI @ 4.9 BPM. ISIP 1825 PSI, FG. 0.68 ISIP 2105 PSI, FG. 0.71, NPI 280 PSI. SWI, XO T/ WL.</p> <p>PU 4 1/2 8K HAL CBP. RIH SET KILL PLUG @ 7560'. POOH. SWI. DONE FRACING THIS WELL.</p> <p>TOTAL SAND = 88,059 LBS TOTAL CLFL = 4371 BBLS</p> |
| 5/7/2013 | 7:00 - 7:30 | 0.50 | DRLOUT | 48 | | P | | HSM, FLAGGING GUY LINES & CLAMPS |
| | 7:30 - 9:00 | 1.50 | DRLOUT | 30 | A | P | | RIG DWN OF BLUE WELL, MOVED OVER & RIGGED UP. ND WH NU BOPS, RU FLOOR & TBG EQUIP. |
| | 9:00 - 14:30 | 5.50 | DRLOUT | 31 | I | P | | TALLY & PU 37/8 BIT, POBS, 1.875 X/N & 150 JTS 23/8 J-55, 6' L-80 PUP JT, 88 JTS 23/8 L-80 TAG UP @ 7549'.RU DRLG EQUIP. REPAIR BROKEN DRIVE BELT ON ACCUMULATOR. |

Operation Summary Report

| | | | |
|--|--|--|--------------------------|
| Well: BONANZA 1023-5D3AS YELLOW | | Spud Date: 9/15/2012 | |
| Project: UTAH-UINTAH | | Site: BONANZA 1023-5D PAD | Rig Name No: SWABBCO 6/6 |
| Event: COMPLETION | | Start Date: 12/13/2012 | End Date: 5/7/2013 |
| Active Datum: RKB @5,254.00usft (above Mean Sea Level) | | UWI: NW/NW/0/10/S/23/E/5/0/0/26/PM/N/524/W/0/499/0/0 | |

| Date | Time Start-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD From (usft) | Operation |
|------|----------------|---------------|--------|------|----------|-----|----------------|--|
| | 14:30 - 17:30 | 3.00 | DRLOUT | 44 | D | P | | <p>BROKE CIRC CONV, TEST BOPS TO 3,000#, RIH</p> <p>C/O 22' SAND TAG 1ST PLG @ 7560' DRL PLG IN MINS 800 PSI INCREASE RIH.</p> <p>C/O 30' SAND TAG 2ND PLG @ 7810' DRL PLG IN 5 MINS 600 PSI INCREASE RIH.</p> <p>C/O 20' SAND TAG 3RD PLG @ 8050' DRL PLG IN 4 MINS 700 PSI INCREASE RIH.</p> <p>C/O 30' SAND TAG 4TH PLG @ 8250' DRL PLG IN 5 MINS 400 PSI INCREASE RIH.</p> <p>C/O TO PBTD @ 8542' CIRC CLN, HANG SWIVEL, L/D 16 JTS 23/8 L-80, LAND TBG ON 253 JTS 23/8, ND BOPS NU WH, TEST FLOW LINE, PUMPED OFF BIT, TURN OVER TO FB CREW, SDFN.</p> <p>KB = 15' 41/16 HANGER = .83' (SURFAC VALVE IS OPEN & LOCKED 103 JTS 23/8 L-80 = 3273.25' 2150 SICP 100 FTP 6' 23/8 L-80 PUP JT = 6.12' 150 JTS 23/8 J-55 = 4744.59' POBS W/ 1.875 X/N = 2.20' EOT @ 8041.99'</p> <p>TWTR = 4511 BBLS TWR = 1000 BBLS TWLTR = 3511 BBLS</p> <p>315 JTS DELIVERED 150 J-55, 165 L-80 253 LANDED 62 TO RETURN L-80</p> |
| | 17:30 - 17:30 | 0.00 | DRLOUT | 50 | | | | <p>WELL TURNED TO SALES @ 1720 HR ON 5/7/2013. 1100 MCFD, 1560 BWPD, FCP 2200#, FTP 1900#, 20/64" CK.</p> |

ADT Well Number: 43047520940000
 Project: UTAM - UTM (feet), NAD27, Zone 12N
 Site: UINTAH_BONANZA 1023-5D PAD
 Well: BONANZA 1023-5D3AS
 Wellbore: BONANZA 1023-5D3AS
 Design: BONANZA 1023-5D3AS (wp01)
 Latitude: 39.983838
 Longitude: -109.357669
 GL: 5238.00
 KB: XTREME 12 15'RKB+GL @ 5253.00ft (XTREME 12)

FORMATION TOP DETAILS

| TVDPath | MDPath | Formation |
|---------|---------|------------------|
| 1129.00 | 1132.44 | GREEN RIVER |
| 1495.00 | 1502.37 | BIRDS NEST |
| 1997.00 | 2008.82 | MAHOGANY MARKER |
| 4287.00 | 4304.38 | WASATCH |
| 4887.00 | 4904.39 | INTERCEPT TARGET |
| 6389.00 | 6406.43 | MESAVERDE |
| 8557.00 | 8574.47 | SEGO |

WELL DETAILS: BONANZA 1023-5D3AS

| +N/-S | +E/-W | Ground Level: | 5238.00 | Latitude | Longitude |
|-------|-------|---------------|-------------|-----------|-------------|
| 0.00 | 0.00 | Northing | 14524396.82 | 39.983838 | -109.357669 |
| | | Easting | 2100484.63 | | |

CASING DETAILS

| TVD | MD | Name | Size |
|---------|---------|-------|-------|
| 2461.69 | 2478.00 | 8-5/8 | 8-5/8 |



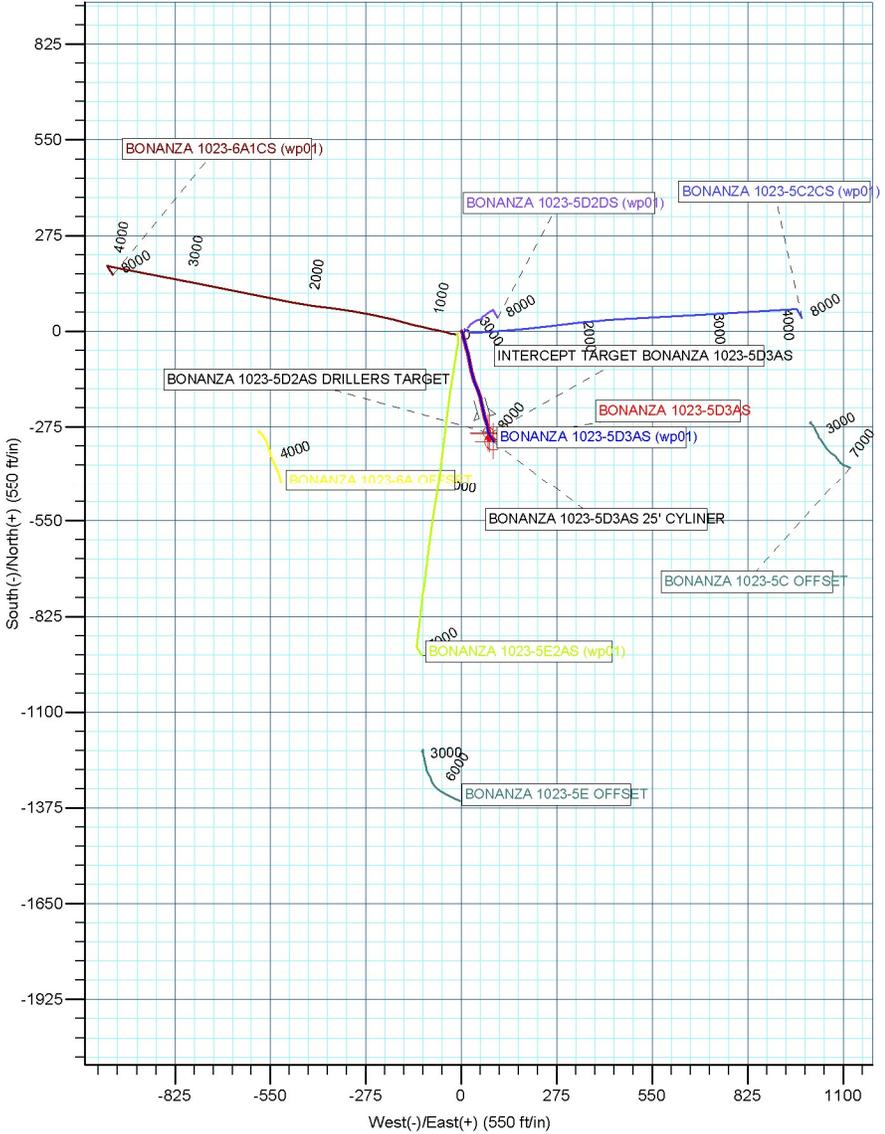
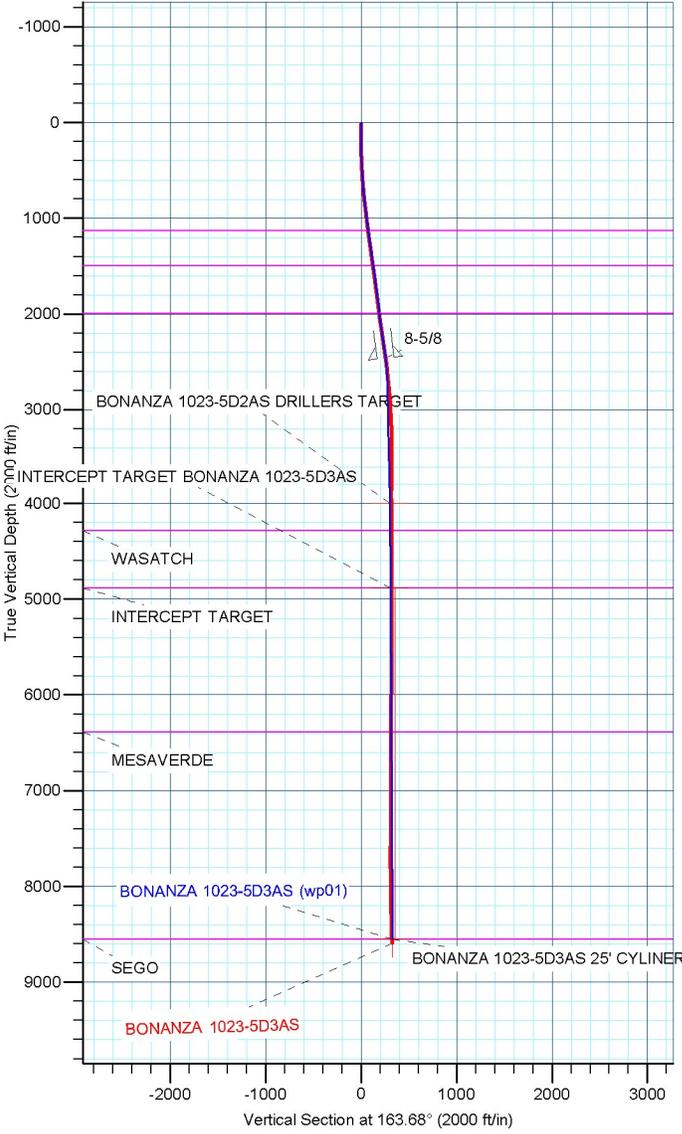
Azimuths to True North
 Magnetic North: 10.85°
 Magnetic Field
 Strength: 52210.0nT
 Dip Angle: 65.85°
 Date: 9/26/2012
 Model: IGRF2010

DESIGN TARGET DETAILS

| Name | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | Shape |
|-------------------------------------|---------|---------|-------|-------------|------------|-----------|-------------|------------------------|
| BONANZA 1023-5D2AS DRILLERS TARGET | 4000.00 | -290.78 | 77.46 | 14524107.51 | 2100567.44 | 39.983040 | -109.357393 | Circle (Radius: 15.00) |
| INTERCEPT TARGET BONANZA 1023-5D3AS | 4887.00 | -295.37 | 80.21 | 14524102.98 | 2100570.27 | 39.983027 | -109.357383 | Point |
| BONANZA 1023-5D3AS 25' CYLINER | 8557.00 | -315.78 | 92.46 | 14524082.79 | 2100582.90 | 39.982971 | -109.357339 | Circle (Radius: 25.00) |

SECTION DETAILS

| MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | VSect |
|---------|------|--------|---------|---------|-------|------|--------|--------|
| 2452.00 | 7.39 | 163.35 | 2435.89 | -244.10 | 66.75 | 0.00 | 0.00 | 253.02 |
| 2763.89 | 1.16 | 169.76 | 2746.76 | -266.45 | 73.07 | 2.00 | 178.81 | 276.25 |
| 3951.04 | 1.16 | 169.76 | 3933.67 | -290.12 | 77.34 | 0.00 | 0.00 | 300.16 |
| 4017.38 | 0.00 | 0.00 | 4000.00 | -290.78 | 77.46 | 1.75 | 180.00 | 300.83 |
| 4141.26 | 0.37 | 149.03 | 4123.88 | -291.12 | 77.67 | 0.30 | 149.03 | 301.22 |
| 8574.47 | 0.37 | 149.03 | 8557.00 | -315.78 | 92.46 | 0.00 | 0.00 | 329.04 |



RECEIVED: Jun. 04, 2013

US ROCKIES REGION PLANNING

UTAH - UTM (feet), NAD27, Zone 12N

UINTAH_BONANZA 1023-5D PAD

BONANZA 1023-5D3AS

BONANZA 1023-5D3AS

Design: BONANZA 1023-5D3AS

Standard Survey Report

28 November, 2012

Anadarko Petroleum Corp

Survey Report

| | | | |
|------------------|------------------------------------|-------------------------------------|---|
| Company: | US ROCKIES REGION PLANNING | Local Co-ordinate Reference: | Well BONANZA 1023-5D3AS |
| Project: | UTAH - UTM (feet), NAD27, Zone 12N | TVD Reference: | XTREME 12 15'RKB+GL @ 5253.00ft (XTREME 12) |
| Site: | UINTAH_BONANZA 1023-5D PAD | MD Reference: | XTREME 12 15'RKB+GL @ 5253.00ft (XTREME 12) |
| Well: | BONANZA 1023-5D3AS | North Reference: | True |
| Wellbore: | BONANZA 1023-5D3AS | Survey Calculation Method: | Minimum Curvature |
| Design: | BONANZA 1023-5D3AS | Database: | edmp |

| | | | |
|--------------------|--|----------------------|----------------|
| Project | UTAH - UTM (feet), NAD27, Zone 12N | | |
| Map System: | Universal Transverse Mercator (US Survey Feet) | System Datum: | Mean Sea Level |
| Geo Datum: | NAD 1927 (NADCON CONUS) | | |
| Map Zone: | Zone 12N (114 W to 108 W) | | |

| | | | | | |
|------------------------------|----------------------------|---------------------|--------------------|--------------------------|-------------|
| Site | UINTAH_BONANZA 1023-5D PAD | | | | |
| Site Position: | | Northing: | 14,524,386.67 usft | Latitude: | 39.983811 |
| From: | Lat/Long | Easting: | 2,100,467.44 usft | Longitude: | -109.357731 |
| Position Uncertainty: | 0.00 ft | Slot Radius: | 13-3/16 " | Grid Convergence: | 1.06 ° |

| | | | | | | |
|-----------------------------|--------------------|---------|----------------------------|--------------------|----------------------|-------------|
| Well | BONANZA 1023-5D3AS | | | | | |
| Well Position | +N/-S | 0.00 ft | Northing: | 14,524,396.82 usft | Latitude: | 39.983838 |
| | +E/-W | 0.00 ft | Easting: | 2,100,484.63 usft | Longitude: | -109.357669 |
| Position Uncertainty | | 0.00 ft | Wellhead Elevation: | ft | Ground Level: | 5,238.00 ft |

| | | | | | |
|------------------|--------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | BONANZA 1023-5D3AS | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 9/26/2012 | 10.85 | 65.85 | 52,210 |

| | | | | | |
|--------------------------|------------------------------|-------------------|-------------------|----------------------|-------|
| Design | BONANZA 1023-5D3AS | | | | |
| Audit Notes: | | | | | |
| Version: | 1.0 | Phase: | ACTUAL | Tie On Depth: | 11.00 |
| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) | |
| | 0.00 | 0.00 | 0.00 | 162.94 | |

| | | | | | |
|-----------------------|----------------|--------------------------------|------------------|--------------------|--|
| Survey Program | Date | 11/28/2012 | | | |
| From (ft) | To (ft) | Survey (Wellbore) | Tool Name | Description | |
| 184.00 | 2,452.00 | Survey #1 (BONANZA 1023-5D3AS) | MWD | MWD - STANDARD | |
| 2,559.00 | 8,613.00 | Survey #2 (BONANZA 1023-5D3AS) | MWD | MWD - STANDARD | |

| | | | | | | | | | | |
|----------------------------|------------------------|--------------------|----------------------------|-------------------|-------------------|------------------------------|--------------------------------|-------------------------------|------------------------------|------|
| Survey | | | | | | | | | | |
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | |
| 11.00 | 0.00 | 0.00 | 11.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 184.00 | 0.70 | 117.91 | 184.00 | -0.49 | 0.93 | 0.75 | 0.40 | 0.40 | 0.00 | |
| 269.00 | 0.88 | 125.03 | 268.99 | -1.11 | 1.93 | 1.63 | 0.24 | 0.21 | 8.38 | |
| 351.00 | 1.41 | 161.68 | 350.97 | -2.43 | 2.76 | 3.13 | 1.07 | 0.65 | 44.70 | |
| 441.00 | 2.81 | 171.61 | 440.91 | -5.67 | 3.43 | 6.42 | 1.60 | 1.56 | 11.03 | |
| 531.00 | 3.17 | 167.21 | 530.79 | -10.27 | 4.30 | 11.08 | 0.47 | 0.40 | -4.89 | |
| 621.00 | 4.04 | 160.45 | 620.61 | -15.69 | 5.91 | 16.73 | 1.07 | 0.97 | -7.51 | |
| 711.00 | 5.16 | 167.53 | 710.32 | -22.63 | 7.85 | 23.94 | 1.39 | 1.24 | 7.87 | |

Anadarko Petroleum Corp

Survey Report

| | | | |
|------------------|------------------------------------|-------------------------------------|---|
| Company: | US ROCKIES REGION PLANNING | Local Co-ordinate Reference: | Well BONANZA 1023-5D3AS |
| Project: | UTAH - UTM (feet), NAD27, Zone 12N | TVD Reference: | XTREME 12 15'RKB+GL @ 5253.00ft (XTREME 12) |
| Site: | UINTAH_BONANZA 1023-5D PAD | MD Reference: | XTREME 12 15'RKB+GL @ 5253.00ft (XTREME 12) |
| Well: | BONANZA 1023-5D3AS | North Reference: | True |
| Wellbore: | BONANZA 1023-5D3AS | Survey Calculation Method: | Minimum Curvature |
| Design: | BONANZA 1023-5D3AS | Database: | edmp |

| Survey | | | | | | | | | | |
|-------------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | |
| 801.00 | 6.16 | 169.59 | 799.88 | -31.33 | 9.60 | 32.77 | 1.13 | 1.11 | 2.29 | |
| 891.00 | 6.16 | 158.86 | 889.36 | -40.58 | 12.21 | 42.38 | 1.28 | 0.00 | -11.92 | |
| 981.00 | 6.42 | 161.06 | 978.82 | -49.85 | 15.58 | 52.23 | 0.39 | 0.29 | 2.44 | |
| 1,071.00 | 7.65 | 164.14 | 1,068.14 | -60.37 | 18.86 | 63.24 | 1.43 | 1.37 | 3.42 | |
| 1,161.00 | 8.35 | 170.29 | 1,157.27 | -72.57 | 21.59 | 75.71 | 1.23 | 0.78 | 6.83 | |
| 1,251.00 | 8.27 | 170.99 | 1,246.32 | -85.41 | 23.71 | 88.60 | 0.14 | -0.09 | 0.78 | |
| 1,341.00 | 8.35 | 169.94 | 1,335.38 | -98.23 | 25.87 | 101.50 | 0.19 | 0.09 | -1.17 | |
| 1,431.00 | 8.53 | 167.92 | 1,424.40 | -111.20 | 28.40 | 114.64 | 0.39 | 0.20 | -2.24 | |
| 1,521.00 | 8.27 | 166.86 | 1,513.44 | -124.03 | 31.27 | 127.74 | 0.34 | -0.29 | -1.18 | |
| 1,611.00 | 7.91 | 161.59 | 1,602.54 | -136.20 | 34.70 | 140.39 | 0.92 | -0.40 | -5.86 | |
| 1,701.00 | 7.47 | 159.83 | 1,691.73 | -147.57 | 38.67 | 152.42 | 0.55 | -0.49 | -1.96 | |
| 1,791.00 | 7.47 | 157.63 | 1,780.97 | -158.47 | 42.92 | 164.09 | 0.32 | 0.00 | -2.44 | |
| 1,881.00 | 7.12 | 155.88 | 1,870.24 | -168.97 | 47.42 | 175.45 | 0.46 | -0.39 | -1.94 | |
| 1,971.00 | 7.56 | 159.58 | 1,959.50 | -179.61 | 51.77 | 186.90 | 0.72 | 0.49 | 4.11 | |
| 2,061.00 | 7.12 | 170.82 | 2,048.77 | -190.67 | 54.72 | 198.33 | 1.67 | -0.49 | 12.49 | |
| 2,151.00 | 7.65 | 168.62 | 2,138.02 | -202.05 | 56.79 | 209.82 | 0.67 | 0.59 | -2.44 | |
| 2,241.00 | 8.97 | 166.42 | 2,227.08 | -214.74 | 59.62 | 222.78 | 1.51 | 1.47 | -2.44 | |
| 2,331.00 | 8.53 | 167.92 | 2,316.03 | -228.09 | 62.67 | 236.44 | 0.55 | -0.49 | 1.67 | |
| 2,421.00 | 7.47 | 164.40 | 2,405.15 | -240.25 | 65.64 | 248.94 | 1.30 | -1.18 | -3.91 | |
| 2,452.00 | 7.39 | 163.35 | 2,435.89 | -244.10 | 66.75 | 252.94 | 0.51 | -0.26 | -3.39 | |
| TIE ON | | | | | | | | | | |
| 2,559.00 | 8.01 | 158.75 | 2,541.93 | -257.64 | 71.43 | 267.26 | 0.82 | 0.58 | -4.30 | |
| FIRST MWD SURVEY | | | | | | | | | | |
| 2,647.00 | 6.21 | 167.22 | 2,629.25 | -268.00 | 74.70 | 278.12 | 2.36 | -2.05 | 9.63 | |
| 2,735.00 | 5.86 | 164.61 | 2,716.76 | -276.97 | 76.95 | 287.36 | 0.51 | -0.40 | -2.97 | |
| 2,822.00 | 4.88 | 168.37 | 2,803.38 | -284.88 | 78.87 | 295.48 | 1.20 | -1.13 | 4.32 | |
| 2,912.00 | 3.81 | 179.75 | 2,893.12 | -291.62 | 79.66 | 302.16 | 1.52 | -1.19 | 12.64 | |
| 3,001.00 | 3.75 | 176.25 | 2,981.93 | -297.48 | 79.86 | 307.82 | 0.27 | -0.07 | -3.93 | |
| 3,091.00 | 2.94 | 159.12 | 3,071.78 | -302.57 | 80.87 | 312.99 | 1.42 | -0.90 | -19.03 | |
| 3,180.00 | 1.88 | 165.75 | 3,160.70 | -306.12 | 82.05 | 316.72 | 1.23 | -1.19 | 7.45 | |
| 3,270.00 | 0.75 | 195.75 | 3,250.67 | -308.12 | 82.25 | 318.69 | 1.43 | -1.26 | 33.33 | |
| 3,359.00 | 0.81 | 190.12 | 3,339.66 | -309.30 | 81.98 | 319.74 | 0.11 | 0.07 | -6.33 | |
| 3,447.00 | 1.00 | 182.87 | 3,427.65 | -310.68 | 81.83 | 321.02 | 0.25 | 0.22 | -8.24 | |
| 3,536.00 | 0.25 | 48.50 | 3,516.65 | -311.33 | 81.94 | 321.67 | 1.34 | -0.84 | -150.98 | |
| 3,623.00 | 0.31 | 84.12 | 3,603.65 | -311.18 | 82.32 | 321.63 | 0.21 | 0.07 | 40.94 | |
| 3,713.00 | 0.94 | 339.75 | 3,693.64 | -310.46 | 82.30 | 320.94 | 1.18 | 0.70 | -115.97 | |
| 3,799.00 | 0.63 | 334.37 | 3,779.63 | -309.37 | 81.85 | 319.77 | 0.37 | -0.36 | -6.26 | |
| 3,887.00 | 1.13 | 283.87 | 3,867.62 | -308.73 | 80.80 | 318.85 | 1.00 | 0.57 | -57.39 | |
| 3,976.00 | 0.75 | 294.00 | 3,956.61 | -308.28 | 79.42 | 318.01 | 0.46 | -0.43 | 11.38 | |
| 4,063.00 | 0.35 | 253.90 | 4,043.61 | -308.12 | 78.64 | 317.63 | 0.61 | -0.46 | -46.09 | |
| 4,152.00 | 0.31 | 219.37 | 4,132.61 | -308.38 | 78.23 | 317.76 | 0.22 | -0.04 | -38.80 | |
| 4,239.00 | 0.50 | 186.62 | 4,219.61 | -308.94 | 78.04 | 318.24 | 0.34 | 0.22 | -37.64 | |

Anadarko Petroleum Corp

Survey Report

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|------------------|------------------------------------|-------------------------------------|---|
| Company: | US ROCKIES REGION PLANNING | Local Co-ordinate Reference: | Well BONANZA 1023-5D3AS |
| Project: | UTAH - UTM (feet), NAD27, Zone 12N | TVD Reference: | XTREME 12 15'RKB+GL @ 5253.00ft (XTREME 12) |
| Site: | UINTAH_BONANZA 1023-5D PAD | MD Reference: | XTREME 12 15'RKB+GL @ 5253.00ft (XTREME 12) |
| Well: | BONANZA 1023-5D3AS | North Reference: | True |
| Wellbore: | BONANZA 1023-5D3AS | Survey Calculation Method: | Minimum Curvature |
| Design: | BONANZA 1023-5D3AS | Database: | edmp |

| Survey | | | | | | | | | | |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | |
| 4,328.00 | 0.56 | 172.62 | 4,308.60 | -309.76 | 78.05 | 319.02 | 0.16 | 0.07 | -15.73 | |
| 4,417.00 | 0.69 | 176.62 | 4,397.60 | -310.72 | 78.14 | 319.97 | 0.15 | 0.15 | 4.49 | |
| 4,506.00 | 0.75 | 331.00 | 4,486.59 | -310.75 | 77.88 | 319.93 | 1.58 | 0.07 | 173.46 | |
| 4,596.00 | 0.75 | 337.50 | 4,576.59 | -309.69 | 77.37 | 318.76 | 0.09 | 0.00 | 7.22 | |
| 4,683.00 | 0.69 | 333.87 | 4,663.58 | -308.69 | 76.92 | 317.68 | 0.09 | -0.07 | -4.17 | |
| 4,773.00 | 0.56 | 341.00 | 4,753.57 | -307.79 | 76.54 | 316.70 | 0.17 | -0.14 | 7.92 | |
| 4,862.00 | 0.31 | 333.50 | 4,842.57 | -307.17 | 76.29 | 316.03 | 0.29 | -0.28 | -8.43 | |
| 4,951.00 | 0.19 | 307.50 | 4,931.57 | -306.86 | 76.07 | 315.67 | 0.18 | -0.13 | -29.21 | |
| 5,039.00 | 0.19 | 262.12 | 5,019.57 | -306.79 | 75.81 | 315.53 | 0.17 | 0.00 | -51.57 | |
| 5,129.00 | 0.25 | 219.75 | 5,109.57 | -306.96 | 75.54 | 315.62 | 0.19 | 0.07 | -47.08 | |
| 5,218.00 | 0.19 | 191.50 | 5,198.57 | -307.26 | 75.38 | 315.85 | 0.14 | -0.07 | -31.74 | |
| 5,306.00 | 0.19 | 150.87 | 5,286.57 | -307.53 | 75.42 | 316.12 | 0.15 | 0.00 | -46.17 | |
| 5,393.00 | 0.25 | 151.37 | 5,373.57 | -307.82 | 75.59 | 316.45 | 0.07 | 0.07 | 0.57 | |
| 5,482.00 | 0.50 | 338.37 | 5,462.57 | -307.63 | 75.54 | 316.25 | 0.84 | 0.28 | -194.38 | |
| 5,572.00 | 0.06 | 63.12 | 5,552.57 | -307.24 | 75.43 | 315.85 | 0.55 | -0.49 | 94.17 | |
| 5,660.00 | 0.19 | 146.87 | 5,640.57 | -307.34 | 75.55 | 315.98 | 0.22 | 0.15 | 95.17 | |
| 5,749.00 | 0.50 | 150.75 | 5,729.56 | -307.81 | 75.82 | 316.51 | 0.35 | 0.35 | 4.36 | |
| 5,838.00 | 0.56 | 157.25 | 5,818.56 | -308.55 | 76.18 | 317.32 | 0.10 | 0.07 | 7.30 | |
| 5,929.00 | 0.38 | 20.87 | 5,909.56 | -308.67 | 76.46 | 317.52 | 0.96 | -0.20 | -149.87 | |
| 6,016.00 | 0.38 | 46.25 | 5,996.56 | -308.21 | 76.77 | 317.17 | 0.19 | 0.00 | 29.17 | |
| 6,103.00 | 1.19 | 359.00 | 6,083.55 | -307.10 | 76.96 | 316.17 | 1.12 | 0.93 | -54.31 | |
| 6,192.00 | 0.94 | 11.37 | 6,172.53 | -305.46 | 77.09 | 314.64 | 0.38 | -0.28 | 13.90 | |
| 6,281.00 | 0.69 | 28.87 | 6,261.52 | -304.28 | 77.50 | 313.62 | 0.39 | -0.28 | 19.66 | |
| 6,368.00 | 0.56 | 46.37 | 6,348.52 | -303.53 | 78.06 | 313.07 | 0.26 | -0.15 | 20.11 | |
| 6,456.00 | 0.50 | 80.37 | 6,436.52 | -303.16 | 78.75 | 312.93 | 0.36 | -0.07 | 38.64 | |
| 6,542.00 | 0.69 | 91.37 | 6,522.51 | -303.11 | 79.63 | 313.14 | 0.26 | 0.22 | 12.79 | |
| 6,632.00 | 1.06 | 91.12 | 6,612.50 | -303.14 | 81.01 | 313.57 | 0.41 | 0.41 | -0.28 | |
| 6,718.00 | 1.44 | 102.25 | 6,698.48 | -303.39 | 82.86 | 314.35 | 0.52 | 0.44 | 12.94 | |
| 6,808.00 | 0.94 | 136.75 | 6,788.46 | -304.17 | 84.47 | 315.56 | 0.95 | -0.56 | 38.33 | |
| 6,894.00 | 1.00 | 314.12 | 6,874.46 | -304.16 | 84.41 | 315.54 | 2.26 | 0.07 | 206.24 | |
| 6,982.00 | 0.88 | 315.50 | 6,962.45 | -303.14 | 83.39 | 314.27 | 0.14 | -0.14 | 1.57 | |
| 7,070.00 | 0.75 | 327.50 | 7,050.44 | -302.17 | 82.61 | 313.11 | 0.24 | -0.15 | 13.64 | |
| 7,157.00 | 0.69 | 326.25 | 7,137.43 | -301.26 | 82.01 | 312.06 | 0.07 | -0.07 | -1.44 | |
| 7,245.00 | 0.50 | 311.12 | 7,225.42 | -300.56 | 81.43 | 311.23 | 0.28 | -0.22 | -17.19 | |
| 7,331.00 | 0.31 | 303.50 | 7,311.42 | -300.19 | 80.95 | 310.73 | 0.23 | -0.22 | -8.86 | |
| 7,421.00 | 0.13 | 22.62 | 7,401.42 | -299.96 | 80.79 | 310.46 | 0.35 | -0.20 | 87.91 | |
| 7,510.00 | 0.25 | 359.25 | 7,490.42 | -299.67 | 80.82 | 310.20 | 0.16 | 0.13 | -26.26 | |
| 7,599.00 | 0.13 | 17.12 | 7,579.42 | -299.38 | 80.85 | 309.93 | 0.15 | -0.13 | 20.08 | |
| 7,688.00 | 0.06 | 86.87 | 7,668.42 | -299.28 | 80.93 | 309.86 | 0.14 | -0.08 | 78.37 | |
| 7,777.00 | 0.25 | 126.50 | 7,757.42 | -299.40 | 81.13 | 310.02 | 0.23 | 0.21 | 44.53 | |
| 7,866.00 | 0.38 | 98.37 | 7,846.42 | -299.56 | 81.58 | 310.31 | 0.22 | 0.15 | -31.61 | |
| 7,955.00 | 0.69 | 136.87 | 7,935.42 | -299.99 | 82.23 | 310.91 | 0.52 | 0.35 | 43.26 | |

Anadarko Petroleum Corp

Survey Report

| | | | |
|------------------|------------------------------------|-------------------------------------|---|
| Company: | US ROCKIES REGION PLANNING | Local Co-ordinate Reference: | Well BONANZA 1023-5D3AS |
| Project: | UTAH - UTM (feet), NAD27, Zone 12N | TVD Reference: | XTREME 12 15'RKB+GL @ 5253.00ft (XTREME 12) |
| Site: | UINTAH_BONANZA 1023-5D PAD | MD Reference: | XTREME 12 15'RKB+GL @ 5253.00ft (XTREME 12) |
| Well: | BONANZA 1023-5D3AS | North Reference: | True |
| Wellbore: | BONANZA 1023-5D3AS | Survey Calculation Method: | Minimum Curvature |
| Design: | BONANZA 1023-5D3AS | Database: | edmp |

| Survey | | | | | | | | | | |
|-------------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | |
| 8,042.00 | 1.00 | 128.62 | 8,022.41 | -300.85 | 83.19 | 312.01 | 0.38 | 0.36 | -9.48 | |
| 8,129.00 | 1.63 | 132.87 | 8,109.38 | -302.16 | 84.69 | 313.71 | 0.73 | 0.72 | 4.89 | |
| 8,217.00 | 1.75 | 124.75 | 8,197.34 | -303.78 | 86.71 | 315.85 | 0.30 | 0.14 | -9.23 | |
| 8,305.00 | 1.63 | 124.75 | 8,285.31 | -305.26 | 88.84 | 317.89 | 0.14 | -0.14 | 0.00 | |
| 8,393.00 | 1.38 | 129.35 | 8,373.28 | -306.64 | 90.69 | 319.75 | 0.32 | -0.28 | 5.23 | |
| 8,563.00 | 1.79 | 132.35 | 8,543.21 | -309.73 | 94.23 | 323.75 | 0.25 | 0.24 | 1.76 | |
| LAST MWD SURVEY | | | | | | | | | | |
| 8,613.00 | 1.79 | 132.35 | 8,593.19 | -310.78 | 95.39 | 325.09 | 0.00 | 0.00 | 0.00 | |
| PROJECTION TO TD | | | | | | | | | | |

| Design Annotations | | | | | |
|---------------------|---------------------|-------------------|------------|------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | Comment | |
| | | +N/-S (ft) | +E/-W (ft) | | |
| 2,452.00 | 2,435.89 | -244.10 | 66.75 | TIE ON | |
| 2,559.00 | 2,541.93 | -257.64 | 71.43 | FIRST MWD SURVEY | |
| 8,563.00 | 8,543.21 | -309.73 | 94.23 | LAST MWD SURVEY | |
| 8,613.00 | 8,593.19 | -310.78 | 95.39 | PROJECTION TO TD | |

Checked By: _____ Approved By: _____ Date: _____

| | |
|--|--|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU33433 |
| 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: PONDEROSA |
| 1. TYPE OF WELL Gas Well | 8. WELL NAME and NUMBER: BONANZA 1023-5D3AS |
| 2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P. | 9. API NUMBER: 43047520940000 |
| 3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 | PHONE NUMBER: 720 929-6100 |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0524 FNL 0499 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 05 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: 2/19/2014 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> |

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

The operator requests authorization to recomplete the subject well in the Wasatch/Mesaverde formation. Please see the attached procedure. This is a courtesy copy on behalf of the Natural Buttes Unit.

Accepted by the Utah Division of Oil, Gas and Mining

Date: February 25, 2014

By: David K. Quist

| | | |
|--|-------------------------------------|------------------------------------|
| NAME (PLEASE PRINT) Joel Malefyt | PHONE NUMBER 720 929-6828 | TITLE Regulatory Analyst |
| SIGNATURE N/A | DATE 2/18/2014 | |



Greater Natural Buttes Unit

**BONANZA 1023-5D3AS
RE-COMPLETIONS PROCEDURE
BONANZA 1023-5D PAD
FIELD ID: YELLOW WELL**

**DATE: 1/28/2014
AFE#:
API#: 4304752094
USER ID: SNT239 (Frac Invoices Only)**

**COMPLETIONS ENGINEER: Jamie Berghorn, Denver, CO
(720) 929-6230 (Office)
(303) 909-3417 (Cell)**

REMEMBER SAFETY FIRST!

Name: BONANZA 1023-5D3AS
Location: NE SW NW NW Sec 5 T10S R23E
LAT: 39.983804 **LONG:** -109.358348 **COORDINATE:** NAD83 (Surface Location)
Uintah County, UT

ELEVATIONS: 5,239' GL 5,254' KB *Frac Registry TVD: 8,593'*

TOTAL DEPTH: 8,613' **PBTD:** 8,547'
SURFACE CASING: 8 5/8", 28# J-55 8RD @ 2,489'
PRODUCTION CASING: 4 1/2", 11.6#, I-80 DQX @ 4,997'
 4 1/2", 11.6#, I-80 8RD LTC 8,594'
 Marker Joint **6,361-6,381'**

TUBULAR PROPERTIES:

| | BURST (psi) | COLLAPSE (psi) | DRIFT DIA. (in.) | CAPACITIES | |
|-------------------------------|----------------|-------------------|---------------------|------------|----------|
| | | | | (bbl./ft) | (gal/ft) |
| 2 3/8" 4.7# L-80 tbg | 11,200 | 11,780 | 1.901" | 0.00387 | 0.1624 |
| 4 1/2" 11.6# I-80 (See above) | 7780 | 6350 | 3.875" | 0.0155 | 0.6528 |
| 4 1/2" 11.6# P-110 | 10691 | 7580 | 3.875" | 0.0155 | 0.6528 |
| 2 3/8" by 4 1/2" Annulus | | | | 0.0101 | 0.4227 |

TOPS:

1,060' Green River Top
 1,437' Bird's Nest Top
 2,014' Mahogany Top
 4,301' Wasatch Top
 6,407' Mesaverde Top
 *Based on latest geological interpretation

BOTTOMS:

6,407' Wasatch Bottom
 8,613' Mesaverde Bottom (TD)

T.O.C. @ 800'

**Based on latest interpretation of CBL

GENERAL NOTES:

- **Please note that:**
 - All stages on this procedure may or may not be completed due to low frac gradients, timing, or other possible reasons. Total stages completed can be found in the post-job-report.
 - CBP depth on this procedure is only to be used as a reference. This depth is subject to change as per field operations and the discretion of the wireline supervisor and field foreman.
- A minimum of **13** 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 Baker's GRlog dated **12/13/2012**.
- **8** fracturing stages required for coverage.
- Hydraulic isolation estimated at **2330'** based upon Baker's CBL dated 12/13/2012.
- Procedure calls for **9** 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 0.5 gpt. Remember to pre-load the casing with scale inhibitor.**

- FR will be pumped at 0.3 gpt for this well. This concentration will be raised or lowered on the job at the discretion of the APC foreman per the well's treating pressure.
- 30/50 mesh Ottawa sand, **Slickwater frac.**
- Maximum surface pressure **6200 psi.**
- **If casing pressure test fails (pressure loss of 1.5% psi or more), retest for 15 minutes. If pressure loss of 1.5% more on second test, notify Denver engineers. Record in Openwells. MIRU with tubing and packer. Isolate leak by pressure testing above and below the packer. RIH and set appropriate casing leak remediation. Re-pressure test to 1000 and 3500 psi for 15 minutes each and to 6200 psi for 30 minutes (specific details on remediation should be documented in OpenWells).**
- 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.
- Max Sand Concentration: Mesaverde 1 ppg; Wasatch 2 ppg;
- If distance between plug and top perf of previous stage is less than 50', it is considered to be tight spacing – design will over flush stage by 5 bbls (from top perf)
- **TIGHT SPACING ON STAGE 1, 3-4**
- **If using any chemicals for pickling tubing or H2S Scavenging, have MSDS for all chemicals prior to starting work**

Existing Perforations:

| <u>PERFORATIONS</u> | | | | | |
|---------------------|-------------|------------|------------|------------|--------------|
| <u>Formation</u> | <u>Zone</u> | <u>Top</u> | <u>Btm</u> | <u>spf</u> | <u>Shots</u> |
| MESAVERDE | | 7610 | 7611 | 3 | 3 |
| MESAVERDE | | 7641 | 7642 | 3 | 3 |
| MESAVERDE | | 7654 | 7655 | 3 | 3 |
| MESAVERDE | | 7665 | 7666 | 3 | 3 |
| MESAVERDE | | 7680 | 7681 | 3 | 3 |
| MESAVERDE | | 7751 | 7752 | 3 | 3 |
| MESAVERDE | | 7765 | 7766 | 3 | 3 |
| MESAVERDE | | 7779 | 7780 | 3 | 3 |
| MESAVERDE | | 7824 | 7825 | 3 | 3 |
| MESAVERDE | | 7850 | 7851 | 3 | 3 |
| MESAVERDE | | 7885 | 7886 | 3 | 3 |
| MESAVERDE | | 7901 | 7902 | 3 | 3 |
| MESAVERDE | | 7973 | 7974 | 3 | 3 |
| MESAVERDE | | 8027 | 8028 | 3 | 3 |
| MESAVERDE | | 8062 | 8063 | 3 | 3 |
| MESAVERDE | | 8071 | 8072 | 3 | 3 |
| MESAVERDE | | 8089 | 8090 | 3 | 3 |
| MESAVERDE | | 8106 | 8107 | 3 | 3 |
| MESAVERDE | | 8134 | 8135 | 3 | 3 |
| MESAVERDE | | 8168 | 8169 | 3 | 3 |
| MESAVERDE | | 8198 | 8199 | 3 | 3 |
| MESAVERDE | | 8219 | 8220 | 3 | 3 |
| MESAVERDE | | 8263 | 8264 | 3 | 3 |
| MESAVERDE | | 8273 | 8274 | 3 | 3 |
| MESAVERDE | | 8301 | 8302 | 3 | 3 |
| MESAVERDE | | 8397 | 8398 | 3 | 3 |
| MESAVERDE | | 8488 | 8489 | 3 | 3 |
| MESAVERDE | | 8502 | 8503 | 3 | 3 |

Relevant History:

04/29/2013: Originally completed in Mesaverde formation (4 stages) with ~ 183,597 gallons of Slickwater, 88,059 lbs of 30/50 Ottawa Sand
 11/15/2013: Last slickline report:

SLICKLINE REPORT SERVICE RECORD

WELL NAME: bonanza 1023 5d3asJob Code:80012176

WINS #:ZID:ztbh2

FOREMAN:V4-Trevor HoopesMECHANICAL:Kyler Lance

SLICKLINE COMPANYdelsco

SLICKLINE OPERATORchad a hillTEL.NUMBER:823-4138

DATE:11/15/2013Ex. mm/dd/yy

JOB DESCRIPTION

travel to location from shop rig up run scratcher in to 8042 pooh blow run broach in to nipple pooh blow run jdc in latch spring jar and jar pooh with spring run in clean out nipple pooh blow run in for td 8546 pooh blow run sample bailer in pooh run rebuilt spring seat it at 8042 pooh drop plunger put on line move to next well
 h cSEAT NIPPLE DEPTH8042
 SN TYPETD (Max Depth)8546

05/07/2013: Tubing Currently Landed @~8042'

H2S History:

| Location Name | WINS No. (wel... | Production Date | Gas (avg mcf... | Water (avg bb... | Oil (avg bbl/day) | Avg. BOE/day | LGR (bbl/Mmcf) | Max H2S Sep. | Separator H2. | Tank H2S (lbs) | Production Year | |
|--------------------|------------------|-----------------|-----------------|------------------|-------------------|--------------|----------------|--------------|---------------|----------------|-----------------|------|
| BONANZA 1023-5D3AS | C8832 | 4/30/2013 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | 2013 | |
| BONANZA 1023-5D3AS | C8832 | 5/1/2013 | 869.64 | 3.74 | 6.74 | 151.72 | | 12.05 | | | 2013 | |
| BONANZA 1023-5D3AS | C8832 | 6/30/2013 | 23.47 | 0.00 | 0.77 | 4.68 | | 32.67 | | | 2013 | |
| BONANZA 1023-5D3AS | C8832 | 7/31/2013 | 405.48 | 4.94 | 1.13 | 68.71 | | 14.96 | 4.00 | 0.15 | 0.00 | 2013 |
| BONANZA 1023-5D3AS | C8832 | 8/31/2013 | 561.58 | 17.16 | 4.48 | 98.08 | | 35.54 | | | 2013 | |
| BONANZA 1023-5D3AS | C8832 | 9/30/2013 | 416.73 | 6.13 | 4.13 | 73.59 | | 24.64 | | | 2013 | |
| BONANZA 1023-5D3AS | C8832 | 10/31/2013 | 473.84 | 11.65 | 1.32 | 80.30 | | 27.37 | | | 2013 | |
| BONANZA 1023-5D3AS | C8832 | 11/30/2013 | 315.60 | 9.67 | 1.40 | 54.00 | | 35.07 | | | 2013 | |
| BONANZA 1023-5D3AS | C8832 | 12/31/2013 | 353.00 | 8.10 | 2.65 | 61.48 | | 30.43 | 0.00 | 0.00 | 0.00 | 2013 |

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. The tubing is below the proposed CBP depth. TOOH with 2-3/8", 4.7#, J-55/L-80 tubing. Visually inspect for scale and consider replacing if needed.
3. If tbg looks ok consider running a gauge ring to 7648' (50' below proposed CBP). Otherwise P/U a mill and C/O to 7648' (50' below proposed CBP).
4. Set 8000 psi CBP at ~ 7598'. ND BOPs and NU frac valves Test frac valves and casing to to **6200 psi** for 15 minutes; if pressure test fails contact Denver engineer and see notes above. **Lock OPEN the Braden head valve.** Flow from annulus will be visually 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. Pressure test frac lines to max surface pressure + 1000 psi for 15 minutes. Pressure loss should be less than 10% to be considered acceptable. Check and correct for existing leaks.
6. Perf the following with 3-1/8" gun, 19 gm, 0.40" hole:

| Zone | From | To | spf | # of shots |
|-----------|------|------|-----|------------|
| MESAVERDE | 7304 | 7305 | 3 | 3 |
| MESAVERDE | 7479 | 7481 | 3 | 6 |
| MESAVERDE | 7519 | 7521 | 3 | 6 |
| MESAVERDE | 7566 | 7568 | 3 | 6 |
7. 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 ~7304' and trickle 250gal 15%HCL w/ scale inhibitor in flush .
8. Set 8000 psi CBP at ~7269'. Perf the following with 3-1/8" gun, 19 gm, 0.40" hole:

| Zone | From | To | spf | # of shots |
|-----------|------|------|-----|------------|
| MESAVERDE | 7064 | 7065 | 3 | 3 |
| MESAVERDE | 7157 | 7159 | 3 | 6 |
| MESAVERDE | 7200 | 7202 | 3 | 6 |
| MESAVERDE | 7236 | 7239 | 3 | 9 |
9. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~7064' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
10. Set 8000 psi CBP at ~6960'. Perf the following with 3-1/8" gun, 19 gm, 0.40" hole:

| Zone | From | To | spf | # of shots |
|-----------|------|------|-----|------------|
| MESAVERDE | 6813 | 6815 | 3 | 6 |
| MESAVERDE | 6844 | 6845 | 3 | 3 |
| MESAVERDE | 6848 | 6849 | 3 | 3 |
| MESAVERDE | 6862 | 6863 | 3 | 3 |
| MESAVERDE | 6868 | 6869 | 3 | 3 |
| MESAVERDE | 6939 | 6940 | 3 | 3 |
| MESAVERDE | 6946 | 6947 | 3 | 3 |
11. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~6813' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
12. Set 8000 psi CBP at ~6792'. Perf the following with 3-1/8" gun, 19 gm, 0.40" hole:

| Zone | From | To | spf | # of shots |
|-----------|------|------|-----|------------|
| MESAVERDE | 6574 | 6576 | 3 | 6 |
| MESAVERDE | 6604 | 6606 | 3 | 6 |
| MESAVERDE | 6726 | 6727 | 3 | 3 |
| MESAVERDE | 6730 | 6731 | 3 | 3 |
| MESAVERDE | 6760 | 6762 | 3 | 6 |
13. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~6574' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

14. Set 8000 psi CBP at ~6564'. Perf the following with 3-1/8" gun, 19 gm, 0.40" hole:

| Zone | From | To | spf | # of shots |
|-----------|------|------|-----|------------|
| WASATCH | 6312 | 6313 | 3 | 3 |
| WASATCH | 6374 | 6376 | 3 | 6 |
| MESAVERDE | 6472 | 6473 | 3 | 3 |
| MESAVERDE | 6524 | 6526 | 3 | 6 |
| MESAVERDE | 6544 | 6546 | 3 | 6 |

15. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 5 on attached listing. Under-displace to ~6312' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

16. Set 8000 psi CBP at ~6242'. Perf the following with 3-1/8" gun, 19 gm, 0.40" hole:

| Zone | From | To | spf | # of shots |
|---------|------|------|-----|------------|
| WASATCH | 5988 | 5989 | 3 | 3 |
| WASATCH | 6041 | 6042 | 3 | 3 |
| WASATCH | 6067 | 6068 | 3 | 3 |
| WASATCH | 6079 | 6080 | 3 | 3 |
| WASATCH | 6108 | 6109 | 3 | 3 |
| WASATCH | 6190 | 6191 | 3 | 3 |
| WASATCH | 6210 | 6212 | 3 | 6 |

17. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 6 on attached listing. Under-displace to ~5988' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

18. Set 8000 psi CBP at ~5850'. Perf the following with 3-1/8" gun, 19 gm, 0.40" hole:

| Zone | From | To | spf | # of shots |
|---------|------|------|-----|------------|
| WASATCH | 5777 | 5780 | 3 | 9 |
| WASATCH | 5805 | 5807 | 3 | 6 |
| WASATCH | 5818 | 5820 | 3 | 6 |

19. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 7 on attached listing. Under-displace to ~5777' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

20. Set 8000 psi CBP at ~5168'. Perf the following with 3-1/8" gun, 19 gm, 0.40" hole:

| Zone | From | To | spf | # of shots |
|---------|------|------|-----|------------|
| WASATCH | 4959 | 4960 | 3 | 3 |
| WASATCH | 4964 | 4966 | 3 | 6 |
| WASATCH | 5122 | 5124 | 3 | 6 |
| WASATCH | 5135 | 5138 | 3 | 9 |

21. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 8 on attached listing. Under-displace to ~4959' and flush only with recycled water.

22. Set 8000 psi CBP at ~4909'.

23. ND Frac Valves, NU and Test BOPs.

24. TIH with 3 7/8" bit, pump open sub, SN and tubing.

25. Drill 8 plugs and clean out to a depth of 7588' (~ 20' below bottom perfs). This well WILL NOT be commingled at this time.

26. Pump open bit sub and land tubing at 7274'. Flow back completion load. RDMO.
27. MIRU, POOH tbg and POBS. TIH with POBS.
28. Drill last plug @ 7598' clean out to PBTD at 8547'. Shear off bit and land tubing at ±8042'. This well WILL be commingled at this time. **NOTE: If the CBP between the initial completion and the recompleted sands has been in the well for more than 30 calendar days from the beginning of flowback for the recompletion, a sundry will need to be filed with the state. Contact the Regulatory group to file the sundry prior to commencing work.**
29. Clean out well with foam and/or swabbing unit until steady flow has been established from completion.
30. **Leave surface casing valve open.** Monitor and report any flow from surface casing. RDMO

Completion Engineer

Jamie Berghorn: 720/929-6230, 303/909-3417

Production Engineer

Mickey Doherty: 406/491-7294, 435/781-9740

Ronald Trigo: 352/213-6630, 435/781-7037

Brad Laney: 435/781-7031, 435/828-5469

Blair Corbett: 435/781-9714, 435/322-0119

Ben Smiley: 936/524-4231, 435/781-7010

Heath Pottmeyer: 740/525-3445, 435/781-9789

Anqi Yang: 435/828-6505, 435/781-7015

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

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 BBLs 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 BBLs 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 BBLs 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

Service Company Supplied Chemicals - Job Totals

| | | | | |
|------------------------------|------|--------|-----|-------------|
| Friction Reducer | 66 | gals @ | 0.3 | GPT |
| Surfactant | 220 | gals @ | 1.0 | GPT |
| Clay Stabilizer | 0 | gals @ | 0.0 | GPT |
| 15% Hcl | 2000 | gals @ | 250 | gal/stg |
| Iron Control for acid | 10 | gals @ | 5.0 | GPT of acid |
| Surfactant for acid | 4 | gals @ | 2.0 | GPT of acid |
| Corrosion Inhibitor for acid | 12 | gals @ | 6.0 | GPT of acid |

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

| | | | | |
|-----------------|-----|-------------|-----|--------------------|
| Scale Inhibitor | 110 | gals pumped | 0.5 | GPT (see schedule) |
| Biocide | 66 | gals @ | 0.3 | GPT |

Fracturing Schedules
Bonanza 1023-SD3AS
Slickwater Frac

| | |
|---------------|-----|
| Casing Size | 4.5 |
| Recomplete? | Y |
| Pad? | Y |
| ACIS? | N |
| Days on Pad? | 3 |
| Wells on Pad? | 5 |

| | |
|----------------|---|
| Swabbing Days | 3 |
| Production Log | 0 |
| DFIT | 0 |
| GR only | Y |
| Low Scale | Y |
| Clay Stab. | N |

Enter Number of swabbing days here for recompletes
 Enter 1 if running a Production Log
 Enter Number of DFITs
 Enter Y if only Gamma Ray log was run
 Enter Y if a LOW concentration of Scale Inhibitor will be pumped
 Enter N if there will be NO Clay stabilizer

Copy to new book

| Stage | Zone | Perfs | | Rate BPM | Fluid Type | Initial ppg | Final ppg | Fluid | Volume gals | Cum Vol gals | Volume BBLs | Cum Vol BBLs | Fluid % of frac | Sand % of frac | Sand lbs | Cum. Sand lbs | Footage from CBP to Flush | Scale Inhib., gal. |
|-----------|-----------|----------|---------|-------------|---|----------------|--------------|------------|----------------|-----------------|----------------|-----------------|--------------------|-------------------|-------------|------------------|------------------------------|--------------------------|
| | | Top. ft. | Bot. ft | | | | | | | | | | | | | | | |
| 1 | MESAVERDE | 7304 | 7305 | 3 | Pre-Pad & Pump-in test 0 ISIP and 5 min ISIP | 0.25 | 0 | Slickwater | 4,768 | 4,768 | 114 | 114 | 15.0% | 0.0% | 0 | 0 | | 2 |
| | MESAVERDE | 7479 | 7481 | | | | | | | | | | | | | | | |
| | MESAVERDE | 7519 | 7521 | | | | | | | | | | | | | | | |
| | MESAVERDE | 7566 | 7568 | | | | | | | | | | | | | | | |
| | MESAVERDE | | | | | | | | | | | | | | | | | |
| | MESAVERDE | | | | | | | | | | | | | | | | | |
| | MESAVERDE | | | | | | | | | | | | | | | | | |
| | MESAVERDE | | | | | | | | | | | | | | | | | |
| | MESAVERDE | | | | | | | | | | | | | | | | | |
| | MESAVERDE | | | | | | | | | | | | | | | | | |
| | MESAVERDE | | | | | | | | | | | | | | | | | |
| | MESAVERDE | | | | | | | | | | | | | | | | | |
| | MESAVERDE | | | | | | | | | | | | | | | | | |
| | MESAVERDE | | | | | | | | | | | | | | | | | |
| | MESAVERDE | | | | | | | | | | | | | | | | | |
| 2 | MESAVERDE | 7064 | 7065 | 3 | 14.2 Pump-in test 0 ISIP and 5 min ISIP | 0.25 | 0 | Slickwater | 3,058 | 3,058 | 73 | 73 | 15.0% | 0.0% | 0 | 0 | 0 | 2 |
| | MESAVERDE | 7157 | 7159 | | | | | | | | | | | | | | | |
| | MESAVERDE | 7200 | 7202 | | | | | | | | | | | | | | | |
| | MESAVERDE | 7236 | 7238 | | | | | | | | | | | | | | | |
| | MESAVERDE | | | | | | | | | | | | | | | | | |
| | MESAVERDE | | | | | | | | | | | | | | | | | |
| | MESAVERDE | | | | | | | | | | | | | | | | | |
| | MESAVERDE | | | | | | | | | | | | | | | | | |
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| | MESAVERDE | | | | | | | | | | | | | | | | | |
| 3 | MESAVERDE | 6813 | 6815 | 3 | 11.9 Pump-in test 0 ISIP and 5 min ISIP | 0.25 | 0 | Slickwater | 3,083 | 3,083 | 73 | 73 | 15.0% | 0.0% | 0 | 0 | 0 | 2 |
| | MESAVERDE | 6844 | 6846 | | | | | | | | | | | | | | | |
| | MESAVERDE | 6848 | 6849 | | | | | | | | | | | | | | | |
| | MESAVERDE | 6862 | 6863 | | | | | | | | | | | | | | | |
| | MESAVERDE | 6868 | 6869 | | | | | | | | | | | | | | | |
| | MESAVERDE | 6839 | 6840 | | | | | | | | | | | | | | | |
| | MESAVERDE | 6846 | 6847 | | | | | | | | | | | | | | | |
| | MESAVERDE | | | | | | | | | | | | | | | | | |
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| | MESAVERDE | | | | | | | | | | | | | | | | | |
| MESAVERDE | | | | | | | | | | | | | | | | | | |

**Bonanza 1023-5D3AS
Perforation and CBP Summary**

| Stage | Zones | Perforations | | SPF | Holes | Fracture Coverage | | |
|-------|------------------|--------------|------------|-----|-------|-------------------|-------|-------|
| | | Top, ft | Bottom, ft | | | | | |
| 1 | MESAVERDE | 7304 | 7305 | 3 | 3 | 7304 | to | 7568 |
| | MESAVERDE | 7479 | 7481 | 3 | 6 | | | |
| | MESAVERDE | 7519 | 7521 | 3 | 6 | | | |
| | MESAVERDE | 7566 | 7568 | 3 | 6 | | | |
| | MESAVERDE | | | | | | | |
| | MESAVERDE | | | | | | | |
| | MESAVERDE | | | | | | | |
| | MESAVERDE | | | | | | | |
| | # of Perfs/stage | | | | 21 | CBP DEPTH | 7,269 | |
| 2 | MESAVERDE | 7064 | 7065 | 3 | 3 | 7064 | to | 7239 |
| | MESAVERDE | 7157 | 7159 | 3 | 6 | | | |
| | MESAVERDE | 7200 | 7202 | 3 | 6 | | | |
| | MESAVERDE | 7236 | 7239 | 3 | 9 | | | |
| | MESAVERDE | | | | | | | |
| | MESAVERDE | | | | | | | |
| | MESAVERDE | | | | | | | |
| | MESAVERDE | | | | | | | |
| | # of Perfs/stage | | | | 24 | CBP DEPTH | 6,960 | |
| 3 | MESAVERDE | 6813 | 6815 | 3 | 6 | 6813 | to | 6947 |
| | MESAVERDE | 6844 | 6845 | 3 | 3 | | | |
| | MESAVERDE | 6848 | 6849 | 3 | 3 | | | |
| | MESAVERDE | 6862 | 6863 | 3 | 3 | | | |
| | MESAVERDE | 6868 | 6869 | 3 | 3 | | | |
| | MESAVERDE | 6939 | 6940 | 3 | 3 | | | |
| | MESAVERDE | 6946 | 6947 | 3 | 3 | | | |
| | MESAVERDE | | | | | | | |
| | # of Perfs/stage | | | | 24 | CBP DEPTH | 6,792 | |
| 4 | MESAVERDE | 6574 | 6576 | 3 | 6 | 6566 | to | 6767 |
| | MESAVERDE | 6604 | 6606 | 3 | 6 | | | |
| | MESAVERDE | 6726 | 6727 | 3 | 3 | | | |
| | MESAVERDE | 6730 | 6731 | 3 | 3 | | | |
| | MESAVERDE | 6760 | 6762 | 3 | 6 | | | |
| | MESAVERDE | | | | | | | |
| | MESAVERDE | | | | | | | |
| | MESAVERDE | | | | | | | |
| | # of Perfs/stage | | | | 24 | CBP DEPTH | 6,564 | |
| 5 | WASATCH | 6312 | 6313 | 3 | 3 | 6312 | to | 6550 |
| | WASATCH | 6374 | 6376 | 3 | 6 | | | |
| | MESAVERDE | 6472 | 6473 | 3 | 3 | | | |
| | MESAVERDE | 6524 | 6526 | 3 | 6 | | | |
| | MESAVERDE | 6544 | 6546 | 3 | 6 | | | |
| | MESAVERDE | | | | | | | |
| | MESAVERDE | | | | | | | |
| | MESAVERDE | | | | | | | |
| | # of Perfs/stage | | | | 24 | CBP DEPTH | 6,242 | |
| 6 | WASATCH | 5988 | 5989 | 3 | 3 | 5988 | to | 6218 |
| | WASATCH | 6041 | 6042 | 3 | 3 | | | |
| | WASATCH | 6067 | 6068 | 3 | 3 | | | |
| | WASATCH | 6079 | 6080 | 3 | 3 | | | |
| | WASATCH | 6108 | 6109 | 3 | 3 | | | |
| | WASATCH | 6190 | 6191 | 3 | 3 | | | |
| | WASATCH | 6210 | 6212 | 3 | 6 | | | |
| | WASATCH | | | | | | | |
| | # of Perfs/stage | | | | 24 | CBP DEPTH | 5,850 | |
| | Totals | | | | 186 | Total Pay | | 156.0 |

| BONANZA | 1023-5C2CS | | | | | | | | | | | |
|---------|------------|--------|-------|-------|--------|------|---------|--------|-------|------|--------|--|
| MD | TVD | EW | NS | INC | AZI | MD | TVD | EW | NS | INC | AZI | |
| 11 | 11 | 0 | 0 | 0 | 0 | 4416 | 4269.02 | 959.06 | 51.92 | 0.63 | 122 | |
| 184 | 184 | -0.06 | 1.05 | 0.7 | 356.62 | 4504 | 4357.02 | 959.96 | 51.28 | 0.81 | 128.8 | |
| 269 | 268.99 | 0.08 | 2 | 0.62 | 22.55 | 4593 | 4446.01 | 960.94 | 50.57 | 0.75 | 122.62 | |
| 351 | 350.99 | 0.55 | 2.31 | 0.44 | 107.71 | 4681 | 4533.99 | 962.03 | 49.57 | 1.19 | 138.5 | |
| 441 | 440.98 | 1.37 | 1.62 | 0.97 | 140.58 | 4769 | 4621.97 | 963.15 | 47.97 | 1.38 | 150.62 | |
| 531 | 530.95 | 2.86 | -0.2 | 2.02 | 140.58 | 4857 | 4709.96 | 963.45 | 46.79 | 0.44 | 221 | |
| 621 | 620.85 | 6.04 | -2.75 | 3.25 | 121.33 | 4946 | 4798.96 | 962.75 | 46.2 | 0.74 | 235.65 | |
| 711 | 710.63 | 11.74 | -5.51 | 4.84 | 112.28 | 5046 | 4898.95 | 961.52 | 45.41 | 0.94 | 238.5 | |
| 801 | 800.19 | 20.28 | -7.84 | 6.52 | 99.94 | 5134 | 4986.93 | 960.36 | 44.5 | 1 | 225.75 | |
| 891 | 889.4 | 32.06 | -8.62 | 8.62 | 89.17 | 5223 | 5075.93 | 959.73 | 44.53 | 0.75 | 353.12 | |
| 981 | 978.08 | 47.39 | -8.32 | 10.99 | 88.64 | 5311 | 5163.92 | 959.66 | 45.44 | 0.44 | 359.75 | |
| 1071 | 1066.11 | 66.06 | -7.27 | 13.01 | 85.21 | 5398 | 5250.92 | 959.62 | 45.97 | 0.25 | 349.12 | |
| 1161 | 1153.42 | 87.79 | -5.47 | 15.04 | 85.3 | 5486 | 5338.92 | 959.76 | 46.06 | 0.25 | 117.62 | |
| 1251 | 1239.95 | 112.47 | -3.58 | 16.88 | 85.91 | 5575 | 5427.92 | 959.97 | 45.95 | 0.06 | 125.25 | |
| 1341 | 1325.76 | 139.52 | -1.56 | 18.2 | 85.56 | 5665 | 5517.92 | 960.28 | 45.64 | 0.5 | 136.12 | |
| 1431 | 1410.86 | 168.68 | 1.17 | 19.79 | 83.81 | 5754 | 5606.92 | 960.71 | 44.99 | 0.52 | 155.33 | |
| 1521 | 1495.38 | 199.42 | 4.51 | 20.4 | 83.81 | 5841 | 5693.91 | 960.99 | 44.07 | 0.75 | 168.75 | |
| 1611 | 1579.96 | 230 | 7.77 | 19.57 | 84.03 | 5931 | 5783.9 | 961.39 | 42.98 | 0.75 | 151.5 | |
| 1701 | 1664.75 | 260 | 11.08 | 19.61 | 83.37 | 6019 | 5871.9 | 961.72 | 42.09 | 0.5 | 171.5 | |
| 1791 | 1749.35 | 290.45 | 15.13 | 20.31 | 81.52 | 6108 | 5960.9 | 961.75 | 41.81 | 0.13 | 346 | |
| 1881 | 1833.85 | 321.2 | 18.76 | 19.96 | 85.04 | 6196 | 6048.9 | 961.68 | 42.04 | 0.19 | 341 | |
| 1971 | 1918.49 | 351.65 | 21.62 | 19.77 | 84.2 | 6284 | 6136.9 | 961.73 | 42.34 | 0.25 | 30.87 | |
| 2061 | 2002.99 | 382.46 | 24.79 | 20.49 | 84.07 | 6373 | 6225.9 | 961.77 | 42.69 | 0.25 | 340.73 | |
| 2151 | 2087.36 | 413.71 | 27.24 | 20.29 | 86.97 | 6461 | 6313.89 | 961.57 | 43.14 | 0.38 | 334.12 | |
| 2241 | 2171.55 | 445.46 | 29.04 | 21.09 | 86.56 | 6549 | 6401.89 | 961.44 | 43.45 | 0.06 | 354.37 | |
| 2331 | 2255.62 | 477.53 | 31.06 | 20.75 | 86.22 | 6638 | 6490.89 | 961.53 | 43.61 | 0.19 | 38 | |
| 2421 | 2340.09 | 508.53 | 32.77 | 19.61 | 87.5 | 6725 | 6577.89 | 961.75 | 43.78 | 0.19 | 65.25 | |
| 2459 | 2375.9 | 521.24 | 33.33 | 19.52 | 87.5 | 6814 | 6666.89 | 961.88 | 43.84 | 0 | 86.12 | |
| 2557 | 2468.13 | 554.3 | 35.59 | 20.01 | 84.68 | 6902 | 6754.89 | 961.98 | 43.83 | 0.13 | 98.62 | |
| 2646 | 2551.72 | 584.71 | 38.34 | 20.13 | 85 | 6990 | 6842.89 | 962.42 | 43.64 | 0.5 | 117.75 | |
| 2735 | 2635.14 | 615.67 | 40.57 | 20.69 | 86.75 | 7078 | 6930.89 | 962.47 | 43.57 | 0.41 | 291.94 | |
| 2824 | 2718.39 | 647.09 | 42.16 | 20.72 | 87.46 | 7167 | 7019.89 | 961.92 | 43.55 | 0.38 | 240.12 | |
| 2912 | 2800.82 | 677.83 | 44.04 | 20.25 | 85.5 | 7256 | 7108.89 | 961.91 | 43.56 | 0.38 | 57 | |
| 3001 | 2884.22 | 708.82 | 46.38 | 20.63 | 85.87 | 7345 | 7197.89 | 962.5 | 43.73 | 0.44 | 88.12 | |
| 3089 | 2967.02 | 738.52 | 48.71 | 18.94 | 85.12 | 7435 | 7287.88 | 963.01 | 43.63 | 0.25 | 123.5 | |
| 3177 | 3050.58 | 765.97 | 51.49 | 17.62 | 83.27 | 7521 | 7373.88 | 963.46 | 43.11 | 0.69 | 144.75 | |
| 3267 | 3136.71 | 791.96 | 53.76 | 16.1 | 86.88 | 7609 | 7461.88 | 963.99 | 42.31 | 0.56 | 149.37 | |
| 3354 | 3220.63 | 814.88 | 55.08 | 14.5 | 86.5 | 7699 | 7551.87 | 964.1 | 41.6 | 0.44 | 199.12 | |
| 3444 | 3307.78 | 837.3 | 55.97 | 14.38 | 89 | 7788 | 7640.87 | 964.07 | 40.85 | 0.56 | 168.25 | |
| 3532 | 3393.14 | 858.72 | 55.7 | 13.81 | 92.5 | 7876 | 7728.86 | 964.3 | 39.83 | 0.81 | 166.75 | |
| 3621 | 3479.84 | 878.78 | 55.07 | 12.25 | 91 | 7965 | 7817.85 | 964.58 | 38.35 | 1.13 | 171.12 | |
| 3709 | 3566.07 | 896.3 | 55.43 | 10.75 | 86.37 | 8053 | 7905.82 | 965.3 | 36.28 | 1.75 | 154.5 | |
| 3797 | 3652.68 | 911.9 | 56.19 | 9.69 | 88.12 | 8141 | 7993.78 | 966.41 | 33.88 | 1.69 | 155.62 | |
| 3886 | 3740.58 | 925.81 | 55.55 | 8.38 | 97.87 | 8228 | 8080.75 | 967.65 | 31.7 | 1.63 | 145.12 | |
| 3974 | 3827.8 | 937.4 | 54.12 | 6.88 | 96 | 8316 | 8168.71 | 969.02 | 29.55 | 1.69 | 149.5 | |
| 4063 | 3916.35 | 946.24 | 53.74 | 4.56 | 87.12 | 8405 | 8257.67 | 970.48 | 27.37 | 1.69 | 143 | |
| 4150 | 4003.15 | 951.97 | 53.49 | 3.06 | 100.62 | 8494 | 8346.63 | 972.15 | 25.42 | 1.63 | 135.87 | |
| 4240 | 4093.06 | 956.08 | 52.77 | 2.25 | 99 | 8584 | 8436.59 | 973.96 | 23.48 | 1.75 | 137.75 | |
| 4328 | 4181.03 | 958.22 | 52.34 | 0.6 | 110.15 | 8645 | 8497.57 | 975.14 | 22.03 | 1.77 | 144.46 | |
| | | | | | | 8695 | 8547.54 | 976.04 | 20.77 | 1.77 | 144.46 | |

| | |
|---|---------------|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | FORM 9 |
| 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU33433 | |
| 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: | |
| 7. UNIT or CA AGREEMENT NAME: PONDEROSA | |
| 8. WELL NAME and NUMBER: BONANZA 1023-5D3AS | |
| 9. API NUMBER: 43047520940000 | |
| 9. FIELD and POOL or WILDCAT: NATURAL BUTTES | |
| COUNTY: UINTAH | |
| STATE: UTAH | |

SUNDRY NOTICES AND REPORTS ON WELLS

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

| |
|---|
| 1. TYPE OF WELL Gas Well |
| 2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P. |
| 3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 |
| PHONE NUMBER: 720 929-6111 |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0524 FNL 0499 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 05 Township: 10.0S Range: 23.0E Meridian: S |

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|--|---|---|
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR |
| <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE |
| <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 4/8/2014 | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION |
| | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK |
| | <input checked="" type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON |
| | <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input type="checkbox"/> APD EXTENSION |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> OTHER | OTHER: <input style="width: 100px;" type="text"/> |

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

**THE SUBJECT WELL WAS RETURNED TO PRODUCTION ON 4/8/2014
 AFTER A RECOMPLETE. THE CHRONOLOGICAL WELL HISTORY WILL BE
 SUBMITTED WITH THE WELL COMPLETION REPORT.**

**Accepted by the
 Utah Division of
 Oil, Gas and Mining**
FOR RECORD ONLY
 April 09, 2014

| | | |
|---|-------------------------------------|---|
| NAME (PLEASE PRINT) Teena Paulo | PHONE NUMBER 720 929-6236 | TITLE Staff Regulatory Specialist |
| SIGNATURE N/A | DATE 4/9/2014 | |

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU33433

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
UTU88209A

8. Lease Name and Well No.
BONANZA 1023-5D3AS

9. API Well No.
4304752094

10. Field and Pool or Exploratory
NATURAL BUTTES

11. Sec., T., R., M., on Block and
Survey or Area
SEC 5, T10S, R23E SLB

12. County or Parish
UINTAH

13. State
UT

17. Elevations (DF, RKB, RT, GL)*
5254 RKB

1. Type of Well: Oil Well Gas Well Dry Other
 b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resrv.,
 Other: **RECOMPLETION**

2. Name of Operator
KERR MCGEE OIL & GAS ONSHORE, L.P.

3. Address PO BOX 173779
DENVER, CO 80217

3a. Phone No. (include area code)
720-929-6000

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface NWNW 524 FNL 499 FWL
 At top prod. interval reported below NWNW 831 FNL 575 FWL
 At total depth NWNW LOT 4 835 FNL 594 FWL

14. Date Spudded
08/16/2012

15. Date T.D. Reached
11/26/2012

16. Date Completed 04/08/2014
 D & A Ready to Prod.

18. Total Depth: MD 8613
TVD 8593

19. Plug Back T.D.: MD 8515
TVD 8495

20. Depth Bridge Plug Set: MD
TVD

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

22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit report)
 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 Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 20 | 14 STL | 36.7 | 0 | 40 | | 28 | | | |
| 11.0 | 8.625 J-55 | 28.0 | 15 | 2489 | | 1575 | | 0 | |
| 7.875 | 4.5 I-80 | 11.6 | 15 | 8594 | | 1390 | | 800 | |

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 | 4941 | | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|--------------|------|--------|---------------------|------|-----------|--------------|
| A) WASATCH | 4959 | 6376 | 4959-6376 | 0.40 | 78 | OPEN |
| B) MESAVERDE | 6472 | 7568 | 6472-7568 | 0.40 | 108 | OPEN |
| C) | | | | | | |
| D) | | | | | | |

26. Perforation Record

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|--------------|------|--------|---------------------|------|-----------|--------------|
| A) WASATCH | 4959 | 6376 | 4959-6376 | 0.40 | 78 | OPEN |
| B) MESAVERDE | 6472 | 7568 | 6472-7568 | 0.40 | 108 | OPEN |
| C) | | | | | | |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|----------------|--|
| 4959-7568 | PUMP 5653 BBLs SLICK H2O. 48 BBLs 15% HCL ACID & 129,037 LBS 30/50 MESH 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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 4/8/2014 | 5/21/14 | 24 | → | 0 | 456 | 0 | | | PUMPING |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status | |
| 20/64 | 22 | 583 | → | 0 | 456 | 0 | | PRODUCING | |

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. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status | |
| | | | → | | | | | | |

*(See instructions and spaces for additional data on page 2)

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 (Solid, 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 | 1060 |
| | | | | BIRD'S NEST | 1437 |
| | | | | MAHOGANY | 2014 |
| | | | | WASATCH | 4301 |
| | | | | MESAVERDE | 6407 |

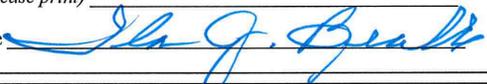
32. Additional remarks (include plugging procedure):

Attached is the recompletion history and perforation report. Casing in the well is as previously reported on the original Completion Report. The well was originally completed in the Mesaverde from 7610-8503. The well was recompleted with an iso plug set at 7598 ft.; new perforations in the Wasatch are from 4959-6376 and in the Mesaverde from 6472-7568. The iso plug was drilled out on 5/16/14 and the well is producing from all commingled perforations.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

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

34. 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) ILA J. BEALE Title STAFF REGULATORY SPECIALIST
 Signature:  Date 5-22-2014

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.

US ROCKIES REGION
Operation Summary Report

| | | | | | |
|--|--|---------------------------|--|--|--|
| Well: BONANZA 1023-5D3AS YELLOW | | | Spud Date: 9/15/2012 | | |
| Project: UTAH-UINTAH | | Site: BONANZA 1023-5D PAD | | Rig Name No: UNSPECIFIED 3-D DRILLING RIG/ | |
| Event: RECOMPL/RESEREVEADD | | Start Date: 3/10/2014 | | End Date: 4/8/2014 | |
| Active Datum: RKB @5,254.00usft (above Mean Sea Level) | | | UWI: NW/NW/0/10/S/23/E/5/0/0/26/PM/N/524/N/0/499/0/0 | | |

| Date | Time Start-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD From (usft) | Operation |
|-----------|----------------|---------------|--------|------|----------|-----|----------------|--|
| 3/12/2014 | 12:00 - 14:00 | 2.00 | SUBSPR | 30 | A | P | | 3 OF 4, MOVED OVER & RIGGED UP, SICP 500 CSG VALVE WAS CLOSED , SITP 76, CONTROL WELL W/ 20 BBLS T-MAC DWN TBG 20 BBLS T-MAC DWN CSG, ND WH NU BOPS, RU FLOOR UNLAND TBG L/D HANGER, RU SCAN TECH. |
| | 14:00 - 17:00 | 3.00 | SUBSPR | 31 | I | P | | SCAN OUT W/ 103 JTS 23/8 L-80, 6' L-80 PUP, 58 JTS 23/8 J-55, SWI SDFN. |
| 3/13/2014 | 8:00 - 10:00 | 2.00 | SUBSPR | 48 | | P | | SAFETY MEETING @ WESTERN PARK. |
| | 10:00 - 12:30 | 2.50 | SUBSPR | 31 | I | P | | 3 OF 4, SICP & SITP 480, CONTROL WELL, SCAN OUT REM 92 JTS 23/8 J-55, X/N W/ PLUNGER & SPRING. RD SCANTECH.TOTAL 253 JTS, 103 L-80 93 YELLOW,5 BLUE,5 BAD. 6' L-80 PUP, 150 JTS 23/8 J-55, 145 YELLOW,4 BLUE, 1 BAD. LIGHT INTERNAL SCALE JTS 1-164, LIGHT EXTERNAL SCALE 113-165, MED EXTERNAL SCALE JTS 195-112, 166-197, HEAVEY EXTERNAL SCALE JTS 198-237. |
| | 12:30 - 14:00 | 1.50 | SUBSPR | 34 | I | P | | 253 JTS HAULED TO SAMEULS YARD 103 L-80, 6' L-80 PUP 150 J-55 |
| | 14:00 - 15:00 | 1.00 | SUBSPR | 30 | C | P | | RU CASED HOLE RIH W/ 41/2 GR TO 7650', POOH RIH SET 10K CBP @ 7598' POOH RD WL. |
| | 14:00 - 15:00 | 1.00 | SUBSPR | 30 | C | P | | 67FILL & TEST CSG TO 3,000 PSI W/ RIG PUMP. ND BOPS NU FV, RIG DOWN .TEST CSG TO 6200 FOR 15 MIN LOST 13 PSI. RD TEST TRUCK. |
| 3/14/2014 | 8:00 - 9:00 | 1.00 | SUBSPR | 37 | | P | | PERF STG 1)PU 3 1/8 EXP GUN, 19 GM, .40 HOLE SIZE. RIH PERFWELL, AS PER PERF DESIGN. POOH. SWIFW |
| 3/25/2014 | 7:00 - 7:15 | 0.25 | FRAC | 48 | | P | | HSM, CHECKING VALVES |

Operation Summary Report

| | | | |
|--|--|---|--|
| Well: BONANZA 1023-5D3AS YELLOW | | Spud Date: 9/15/2012 | |
| Project: UTAH-UINTAH | | Site: BONANZA 1023-5D PAD | Rig Name No: UNSPECIFIED 3-D DRILLING RIG/ |
| Event: RECOMPL/RESEREVEADD | | Start Date: 3/10/2014 | End Date: 4/8/2014 |
| Active Datum: RKB @5,254.00usft (above Mean Sea Level) | | UWI: NWNW/0/10/S/23/E/5/0/0/26/PM/N/524/W/0/499/0/0 | |

| Date | Time Start-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD From (usft) | Operation |
|-----------|----------------|---------------|-------|------|----------|-----|----------------|---|
| | 7:15 - 17:30 | 10.25 | FRAC | 36 | B | P | | <p>REFER TO STIMULATION PJR FOR FLUID, SAND AND CHEMICAL VOLUMES, ALL STAGES WERE PERFORATED ACCORDING TO PERF RECORD IN OPEN WELLS, ALL STAGES WERE STIMULATED TO VENDOR POST JOB REPORT. ALL PLUGS ARE HALIBURTON 8K CBPS</p> <p>FRAC STG #1] WHP=458#, BRK DN PERFS=3,836#, @=4.9 BPM, INTIAL ISIP=2,208#, FG=.74, FINAL ISIP=2,152#, FG=.73,</p> <p>SET PLUG & PERFORATE STG #2</p> <p>FRAC STG #2] WHP=286#, BRK DN PERFS=3,115#, @=4 BPM, INTIAL ISIP=1,816#, FG=.69, FINAL ISIP=2,429#, FG=.78,</p> <p>SET PLUG & PERFORATE STG #3</p> <p>FRAC STG #3] WHP=265#, BRK DN PERFS=3,026#, @=5.3 BPM, INTIAL ISIP=1,376#, FG=.64, FINAL ISIP=2,122#, FG=.75,</p> <p>SET PLUG & PERFORATE STG #4</p> <p>FRAC STG #4] WHP=1,080#, BRK DN PERFS=2792#, @=4.1 BPM, INTIAL ISIP=1,378#, FG=.65, FINAL ISIP=1,985#, FG=.74,</p> <p>SET PLUG PERFORATE STG #5</p> <p>FRAC STG #5] WHP=1,198#, BRK DN PERFS=1,460#, @=4.9 BPM, INTIAL ISIP=1,243#, FG=.63, FINAL ISIP=1,828#, FG=.72,</p> <p>SET PLUG AND PERFORATE STG #6 SWIFN.</p> |
| 3/26/2014 | 6:15 - 6:30 | 0.25 | FRAC | 48 | | P | | HSM, RIGGING DOWN / PINCH POINTS |

Operation Summary Report

| | | | |
|--|--|---|--|
| Well: BONANZA 1023-5D3AS YELLOW | | Spud Date: 9/15/2012 | |
| Project: UTAH-UINTAH | | Site: BONANZA 1023-5D PAD | Rig Name No: UNSPECIFIED 3-D DRILLING RIG/ |
| Event: RECOMPL/RESEREVEADD | | Start Date: 3/10/2014 | End Date: 4/8/2014 |
| Active Datum: RKB @5,254.00usft (above Mean Sea Level) | | UWI: NWNW/0/10/S/23/E/5/0/0/26/PM/N/524/W/0/499/0/0 | |

| Date | Time Start-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD From (usft) | Operation |
|----------|----------------|---------------|--------|------|----------|-----|----------------|---|
| | 6:30 - 12:00 | 5.50 | FRAC | 36 | B | P | | FRAC STG #6] WHP=412#, BRK DN PERFS=4,134#, @=4.7 BPM, INTIAL ISIP=2,030#, FG=.77, FINAL ISIP=2,157#, FG=.79, SET PLUG AND PERFORATE STG #7 FRAC STG #7] WHP=728#, BRK DN PERFS=2,993#, @=4.8 BPM, INTIAL ISIP=1,480#, FG=.69, FINAL ISIP=1,531#, FG=.70, SET PLUUG AND PERFORATE STG #8 FRAC STG #8] WHP=196#, BRK DN PERFS=1,364#, @=4.5 BPM, INTIAL ISIP=674#, FG=.57, FINAL ISIP=1,444#, FG=.72, SET TOP KILL TOTAL BBLs=5,700 TOTAL SAND=129,037# |
| 4/7/2014 | 7:00 - 7:15 | 0.25 | DRLOUT | 48 | | P | | JSA= GUY WIRES |
| | 7:15 - 17:00 | 9.75 | DRLOUT | 30 | | P | | RD RIG ON 5C2CS MOVE RU ON 5D3AS ND W/H NU BOPS RU FLOOR & TUB EQUIP SPOT IN TUB PU PMP OPEN B.S. PKG TALLY & PU TUB TAG 1ST CBP @ 4909' RU DRLNG EQUIP PREP TO D/O SIW SDFN |
| 4/8/2014 | 7:00 - 7:15 | 0.25 | DRLOUT | 48 | | P | | JSA= DRILLING PLUGS |

Operation Summary Report

| | | | |
|--|--|--|--|
| Well: BONANZA 1023-5D3AS YELLOW | | Spud Date: 9/15/2012 | |
| Project: UTAH-UINTAH | | Site: BONANZA 1023-5D PAD | Rig Name No: UNSPECIFIED 3-D DRILLING RIG/ |
| Event: RECOMPL/RESEREVEADD | | Start Date: 3/10/2014 | End Date: 4/8/2014 |
| Active Datum: RKB @5,254.00usft (above Mean Sea Level) | | UWI: NWNW/010/S/23/E/5/0/0/26/PM/N/524/W/0/499/0/0 | |

| Date | Time Start-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD From (usft) | Operation |
|------|----------------|---------------|--------|------|----------|-----|----------------|--|
| | 7:15 - 17:00 | 9.75 | DRLOUT | 44 | C | P | | <p>TEST BOPS TO 3000 PSI EST CIRC W/ FOAM UNIT DRILL PLUGS</p> <p>PLUG #1] DRILL THRU HALLI 8K CBP @ 4909' IN 5MIN W/ 0 PSI INCREASE</p> <p>PLUG #2] CONTINUE TO RIH TAG SAND @ 5151' (12' FILL) C/O & DRILL THRU HALLI 8K CBP @ 5168' IN 12 MIN W/150 PSI INCREASE</p> <p>PLUG #3] CONTINUE TO RIH TAG SAND @5837' (13' FILL) C/O & DRILL THRU HALLI 8K CBP @ 5850' IN 6 MIN W/100 PSI INCREASE</p> <p>PLUG #4] CONTINUE TO RIH TAG SAND @6215' (27' FILL) C/O & DRILL THRU HALLI 8K CBP @ 6242' IN 12 MIN W/50 PSI INCREASE</p> <p>PLUG #5] CONTINUE TO RIH TAG SAND @ 6554' (10' FILL) C/O & DRILL THRU HALLI 8K CBP @ 6564' IN 6 MIN W/ 0 INCREASE</p> <p>PLUG #6] CONTINUE TO RIH TAG SAND @6782' (10' FILL) C/O & DRILL THRU HALLI 8K CBP @ 6792' IN 4 MIN W/ 200 PSI INCREASE</p> <p>PLUG #7] CONTINUE TO RIH TAG SAND @6950' (10' FILL) C/O & DRILL THRU HALLI 8K CBP @ 6960' IN 7 MIN W/200 PSI INCREASE</p> <p>PLUG #8] CONTINUE TO RIH TAG SAND @7257' (12' FILL) C/O & DRILL THRU HALLI 8K CBP @ 7269' IN 4 MIN W/0 INCREASE</p> <p>ISO PLUG] CONTINUE TO RIH TAG SAND @ 7568' (30' FILL) C/O TO ISO PLUG @ 7598' CIRC CLEAN RD DRLG EQUIP POOH LD 9 JNTS LAND TUBING ON HNGR W/ 236 JNTS EOT @ 7264.09' RD FLOOR & TUBING EQUIP ND BOPS NU W/H DROP BALL PMP OPEN B.S. @ 200 PSI SIW NU & TEST FLOW LINE TURN WELL OVER TO FBC RD RIG MOVE RIG & EQUIP TO VERNAL</p> <p>PROD TUBING</p> <p>K.B.....</p> <p>....15.00'</p> <p>HNGR.....</p> <p>.....83"</p> <p>86 JNTS 2-3/8 L-80</p> <p>YB.....2723.75'</p> <p>6' X 2-3/8 L-80</p> <p>PUP.....6.05'</p> <p>150 JNTS 2-3/8" J-55</p> <p>YB.....4516.26'</p> <p>PMP OPEN</p> <p>B.S.....2.20'</p> |

Operation Summary Report

| | | | |
|--|--|--|--|
| Well: BONANZA 1023-5D3AS YELLOW | | Spud Date: 9/15/2012 | |
| Project: UTAH-UINTAH | | Site: BONANZA 1023-5D PAD | Rig Name No: UNSPECIFIED 3-D DRILLING RIG/ |
| Event: RECOMPL/RESEREVEADD | | Start Date: 3/10/2014 | End Date: 4/8/2014 |
| Active Datum: RKB @5,254.00usft (above Mean Sea Level) | | UWI: NWNW/010/S/23/E/5/0/0/26/PM/N/524/W/0/499/0/0 | |

| Date | Time Start-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD From (usft) | Operation |
|-----------|----------------|---------------|--------|------|----------|-----|----------------|--|
| | | | | | | | | EOT@..... ...7264.09' |
| | | | | | | | | TOTAL FLUID PUMPED= 5701 BBLS RIG REC= 2000 BBLS LEFT TO RECOVER= 3701 BBLS |
| | 17:00 - 17:00 | 0.00 | DRLOUT | 50 | | | | WELL TURNED TO SALES @ 16:30 HR ON 4/8/2014. 0 MCFD, 0BWPD, FCP 0, FTP 0, NO CHOKE. |
| 5/15/2014 | 15:30 - 17:00 | 1.50 | DRLOUT | 30 | A | P | | MOVED OVER & RIGGED UP SDFN |
| 5/16/2014 | 7:00 - 7:30 | 0.50 | DRLOUT | 48 | | P | | HSM, WORKING W/ FOAM UNIT. |
| | 7:30 - 12:30 | 5.00 | DRLOUT | 31 | I | P | | 3 OF 4, FCP 60, FTP 60, CONTROL TBG W/ 20 BBLS WTR, ND WH NU BOPS, RU FLOOR & EQUIP, LUB OUT HANGER, POOH W/ 86 JTS, 6' L-80 PUP, 150 JTS J-55, L/D PUMP OPEN & BIT, RIH W/ 37/8 MILL, 150 JTS J-55, 6' L-80 PUP, 86 JTS L-80, PU 9 JTS 23/8 L-80 TAG UP @ 7598'. |
| | 12:30 - 18:00 | 5.50 | DRLOUT | 44 | C | P | | BROKE CIRC W/ AIR/FOAM IN 1 HR 10 M IN D/O CBP @ 7598' IN 10 MIN 150 PSI INREASE, CIRC CLN, KILL TBG PULL 2 JTS REM TSF, RUN 2 JTS BACK RIH TAG @ 8542' CIRC CLN, KILL TBG POOH W/ 86 JTS 23/8, SWI SDFWE |

US ROCKIES REGION
Operation Summary Report

| | | | |
|--|--|--|------------------------|
| Well: BONANZA 1023-5D3AS YELLOW | | Spud Date: 9/15/2012 | |
| Project: UTAH-UINTAH | | Site: BONANZA 1023-5D PAD | Rig Name No: MILES 3/3 |
| Event: RECOMPL/RESEREVEADD | | Start Date: 5/14/2014 | End Date: |
| Active Datum: RKB @5,254.00usft (above Mean Sea Level) | | UWI: NW/NW/0/10/S/23/E/5/0/0/26/PM/N/524/W/0/499/0/0 | |

| Date | Time Start-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD From (usft) | Operation |
|-----------|----------------|---------------|--------|------|----------|-----|----------------|--|
| 5/15/2014 | 15:30 - 17:00 | 1.50 | DRLOUT | 30 | A | P | | MOVED OVER & RIGGED UP SDFN |
| 5/16/2014 | 7:00 - 7:30 | 0.50 | DRLOUT | 48 | | P | | HSM, WORKING W/ FOAM UNIT. |
| | 7:30 - 12:30 | 5.00 | DRLOUT | 31 | I | P | | 3 OF 4, FCP 60, FTP 60, CONTROL TBG W/ 20 BBLS WTR, ND WH NU BOPS, RU FLOOR & EQUIP, LUB OUT HANGER, POOH W/ 89 OPEN WELLS SHOWS 86 JTS, 6' L-80 PUP, 150 JTS J-55, L/D PUMP OPEN & BIT, RIH W/ 37/8 MILL, 150 JTS J-55, 6' L-80 PUP, 89 JTS L-80, PU 9 JTS 23/8 L-80 TAG UP @ 7848'. (NOTE: HAD PROBLEM WITH PIPE TALLEY- HAD TO POOH AND RE-TALLY- PLUG WAS SET AT AND D/O @ 7598') |
| | 12:30 - 18:00 | 5.50 | DRLOUT | 44 | C | P | | BROKE CIRC W/ AIR/FOAM IN 1 HR 10 M IN D/O CBP @ 7848' IN 10 MIN 150 PSI INCREASE, CIRC CLN, KILL TBG PULL 2 JTS REM TSF, RUN 2 JTS BACK RIH TAG @ 8688' CIRC CLN, WE HAVE A 200 + DIFF IN TALLY WILL HAVE TO PULL OUT OF HOLE. KILL TBG POOH W/ 89 JTS 23/8, SWI SDFWE. (NOTE: HAD PROBLEM WITH PIPE TALLEY- HAD TO POOH AND RE-TALLY- PLUG WAS SET AT AND D/O @ 7598') |
| 5/19/2014 | 7:00 - 7:30 | 0.50 | DRLOUT | 48 | | P | | HSM, TRIPPING TBG, |
| | 7:30 - 9:00 | 1.50 | DRLOUT | 31 | I | P | | 3 OF 4, SICP 1000, OPEN TO PIT, POOH W/ 150 JTS 23/8 J-55 S.L.M, L/D POBS & MILL. WE HAD 251' DIFF IN TALLY SO WE ONLY C/O TO 8437' ON 5/16/14. |
| | 9:00 - 12:30 | 3.50 | DRLOUT | 31 | I | P | | RIH W/ 37/8 MILL 150 JTS 23/8 J-55, 6' L-80 PUP JT, 8 JTS 23/8 L-80 F/ DERICK, PU 118 JTS 23/8 L-80 TAG UP @ 8437' RU DRLG EQUIP. |
| | 12:30 - 17:00 | 4.50 | DRLOUT | 44 | D | P | | BROKE CIRC W/ AIR/FOAM IN 45 MINS, C/O F/ 8437' TO 8515' HIT OLD POBS, CIRC CLN, KILL TBG, RD SWIVEL, L/D 101 JTS 23/8 L-80. SWI SDFN |
| 5/20/2014 | 7:00 - 7:30 | 0.50 | DRLOUT | 48 | | P | | HSM, TRIPPING & BROCHING TBG. |
| | 7:30 - 12:00 | 4.50 | DRLOUT | 31 | I | P | | SICP 980 OPEN TO FB TNK, CONTOL TBG W/ 20 BBLS POOH W/ REM TBG L/D MILL. RIH W/ 1.875 X/N & TBG BROACHING LAND TBG, ND BOPS NU WH SWI RIG DOWN. WELL READY FOR LOGGING. KB = 15' HANGER = .83' 13 JTS 23/8 L-80 = 412.27' 23/8 L-80 PUP JT = 6.12' 150 JTS 23/8 J-55 = 4506.06' 1.875 X/N = 1.05' EOT @ 4941.33' TWLTR = 120 BBLS |

US ROCKIES REGION

1 General

1.1 Customer Information

| | |
|----------------|-------------------|
| Company | US ROCKIES REGION |
| Representative | |
| Address | |

1.2 Well/Wellbore Information

| | | | |
|--------------|--|---------------|--|
| Well | BONANZA 1023-5D3AS YELLOW | Wellbore No. | OH |
| Well Name | BONANZA 1023-5D3AS | Wellbore Name | BONANZA 1023-5D3AS |
| Report No. | 1 | Report Date | 3/10/2014 |
| Project | UTAH-JUNTAH | Site | BONANZA 1023-5D PAD |
| Rig Name/No. | | Event | RECOMPL/RESEVEVEADD |
| Start Date | 3/10/2014 | End Date | 4/8/2014 |
| Spud Date | 9/15/2012 | Active Datum | RKB @5.254.00usft (above Mean Sea Level) |
| UWI | NWNW/010/S/23/E/5/0/26/PMN/524/W/0/499/0/0 | | |

1.3 General

| | | | | | |
|---------------------|--|-----------------|--|------------|--|
| Contractor | | Job Method | | Supervisor | |
| Perforated Assembly | | Conveyed Method | | | |

1.4 Initial Conditions

| | | | | | | | |
|-------------------|---------|--------------------|--|------------------|-------------------------------|--------------------------|-------------------|
| Fluid Type | | Fluid Density | | Gross Interval | 4,959.0 (usft)-7,568.0 (usft) | Start Date/Time | 3/10/2014 12:00AM |
| Surface Press | | Estimate Res Press | | No. of Intervals | 39 | End Date/Time | 3/10/2014 12:00AM |
| TVD Fluid Top | | Fluid Head | | Total Shots | 186 | Net Perforation Interval | 62.00 (usft) |
| Hydrostatic Press | | Press Difference | | Avg Shot Density | 3.00 (shot/ft) | Final Surface Pressure | |
| Balance Cond | NEUTRAL | | | | | Final Press Date | |

RECEIVED: 2 May 2014

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 /Stage No | Carr Size (in) | Phasing (°) | Charge Desc /Charge Manufacturer | Charge Weight (gram) | Reason | Misrun |
|-------------------|---------------------|-------------|----------------|---------------|----------------|------------------------|--------------------|---------------|---------------------|----------------|-------------|----------------------------------|----------------------|-----------|--------|
| 3/10/2014 12:00AM | WASATCH/ | | | 4,959.0 | 4,960.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO | N |

US ROCKIES REGION

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 /Stage No | Carr Size (in) | Phasing (°) | Charge Desc /Charge Manufacturer | Charge Weight (gram) | Reason | Misrun |
|----------------------|-------------------------|----------------|----------------------|------------------|-------------------|------------------------------|------------------------|----------------------|---------------------|----------------------|----------------|-------------------------------------|----------------------------|----------------|--------|
| 3/10/2014 12:00AM | WASATCH/ | | | 4,964.0 | 4,966.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | WASATCH/ | | | 5,122.0 | 5,124.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | WASATCH/ | | | 5,135.0 | 5,138.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | WASATCH/ | | | 5,777.0 | 5,780.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | WASATCH/ | | | 5,805.0 | 5,807.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | WASATCH/ | | | 5,818.0 | 5,820.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | WASATCH/ | | | 5,988.0 | 5,989.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | WASATCH/ | | | 6,041.0 | 6,042.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | WASATCH/ | | | 6,067.0 | 6,068.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | WASATCH/ | | | 6,079.0 | 6,080.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | WASATCH/ | | | 6,108.0 | 6,109.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | WASATCH/ | | | 6,190.0 | 6,191.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | WASATCH/ | | | 6,210.0 | 6,212.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | WASATCH/ | | | 6,312.0 | 6,313.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | WASATCH/ | | | 6,374.0 | 6,376.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | MESAUERDE/ | | | 6,472.0 | 6,473.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | MESAUERDE/ | | | 6,524.0 | 6,526.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | MESAUERDE/ | | | 6,544.0 | 6,546.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | MESAUERDE/ | | | 6,574.0 | 6,576.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | MESAUERDE/ | | | 6,604.0 | 6,606.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | MESAUERDE/ | | | 6,726.0 | 6,727.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |

US ROCKIES REGION

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 /Stage No | Carr Size (in) | Phasing (°) | Charge Desc /Charge Manufacturer | Charge Weight (gram) | Reason | Misrun |
|----------------------|-------------------------|----------------|----------------------|------------------|-------------------|------------------------------|------------------------|----------------------|---------------------|----------------------|----------------|-------------------------------------|----------------------------|----------------|--------|
| 3/10/2014 12:00AM | MESAVERDE/ | | | 6,730.0 | 6,731.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | MESAVERDE/ | | | 6,760.0 | 6,762.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | MESAVERDE/ | | | 6,813.0 | 6,815.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | MESAVERDE/ | | | 6,844.0 | 6,845.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | MESAVERDE/ | | | 6,848.0 | 6,849.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | MESAVERDE/ | | | 6,862.0 | 6,863.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | MESAVERDE/ | | | 6,868.0 | 6,869.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | MESAVERDE/ | | | 6,939.0 | 6,940.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | MESAVERDE/ | | | 6,946.0 | 6,947.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | MESAVERDE/ | | | 7,064.0 | 7,065.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | MESAVERDE/ | | | 7,157.0 | 7,159.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | MESAVERDE/ | | | 7,200.0 | 7,202.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | MESAVERDE/ | | | 7,236.0 | 7,239.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | MESAVERDE/ | | | 7,304.0 | 7,305.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | MESAVERDE/ | | | 7,479.0 | 7,481.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | MESAVERDE/ | | | 7,519.0 | 7,521.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |
| 3/10/2014 12:00AM | MESAVERDE/ | | | 7,566.0 | 7,568.0 | 3.00 | | 0.410 | EXP/ | 3.125 | 120.00 | | 19.00 | PRODUCTIO N | |

Plots

May 3, 2014

| | | |
|--|---|--|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU33433 |
| 1. TYPE OF WELL Gas Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P. | | 7. UNIT or CA AGREEMENT NAME: PONDEROSA |
| 3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 | | 8. WELL NAME and NUMBER: BONANZA 1023-5D3AS |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0524 FNL 0499 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 05 Township: 10.0S Range: 23.0E Meridian: S | | 9. API NUMBER: 43047520940000 |
| PHONE NUMBER: 720 929-6100 | | 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 type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER | |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/22/2014 | <input type="checkbox"/> APD EXTENSION OTHER: WELLBORE CLEANOUT | |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> DRILLING REPORT Report Date: | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. KERR-MCGEE OIL & GAS ONSHORE, L.P. HAS COMPLETED THE FOLLOWING WORKOVER-WELLBORE CLEANOUT ON THE BONANZA 1023-5D3AS. SEE ATTACHED OPERATIONS SUMMARY REPORT. | | |
| Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 13, 2014 | | |
| NAME (PLEASE PRINT) Doreen Green | PHONE NUMBER 435 781-9758 | TITLE Regulatory Analyst II |
| SIGNATURE N/A | DATE 11/11/2014 | |

US ROCKIES REGION
Operation Summary Report

| | | | | | |
|--|--|---------------------------|--|------------------------|--|
| Well: BONANZA 1023-5D3AS YELLOW | | | Spud Date: 9/15/2012 | | |
| Project: UTAH-UINTAH | | Site: BONANZA 1023-5D PAD | | Rig Name No: MILES 2/2 | |
| Event: WELL WORK EXPENSE | | Start Date: 10/10/2014 | | End Date: 10/15/2014 | |
| Active Datum: RKB @5,254.00usft (above Mean Sea Level) | | | UWI: NW/NW/0/10/S/23/E/5/0/0/26/PM/N/524/W/0/499/0/0 | | |

| Date | Time Start-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD From (usft) | Operation |
|------------|-------------------|------------------|-------|------|-------------|-----|-------------------|--|
| 10/14/2014 | 7:00 - 7:30 | 0.50 | MAINT | 48 | | P | | HSM |
| | 7:30 - 17:00 | 9.50 | MAINT | 31 | I | P | | MIRU, SPOT EQUIP, BLOW DWN WELL, 1000# TBG-CSG, KILL WELL WITH 5 BBLDWN TBG, 30 BBL CSO, N/D WH, NU BOP'S, UNLAND HANGER, RIH W/17 JTS TAG PBT @8515'. POOH L/D 17 JTS IN TRL. RU SCAN TECH TO SCAN TBG, SCAN 188 JTS, FOUND WIRE ROPE, PULL 2400' WIRE ROPE, SWABB TOOLS, SWIFN |
| 10/15/2014 | 7:00 - 7:15 | 0.25 | MAINT | 48 | | P | | HSM, SLIPS, TRIPS & FALLS, SCANNING TBG, TRIPPING & LANDING TBG, RD |
| | 7:15 - 16:00 | 8.75 | MAINT | 31 | I | P | | SICP 800 PSI, CONTROL WELL W/ TMAC, SCAN TBG, SCANNED 261 JTS, 234 Y, 22 B, 5 R, LT EXTERNAL SCALE, PU N/C & 4 JTS J-55, RIH BROAHING TBG EVERY 30 STDS, LAND TBG W/ 260 JTS J-55 & L-80 @ 8003.54', RD FLOOR & TBG EQUIP, ND BOP, NU WH, T/O TO PRODUCTION, RDMO TO NBU 31-12B KB = 15' HANGER = .83' 110 JTS 2 3/8" L-80 = 3474.48' L-80 PUP JT = 6.12' 150 JTS 23/8 J-55 = 4506.06' N/C 1.875 X/N = 1.05' EOT @ 8003.54' |
| 10/22/2014 | 7:00 - 10:30 | 3.50 | PROD. | 42 | B | P | | SWABBING |