

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 1023-8J1S
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 720 929-6587
8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217		9. OPERATOR E-MAIL mary.mondragon@anadarko.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU 37355	11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>	12. SURFACE 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')		14. SURFACE OWNER PHONE (if box 12 = 'fee')
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')	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	1580 FSL 2227 FEL	NWSE	8	10.0 S	23.0 E	S
Top of Uppermost Producing Zone	2300 FSL 1670 FEL	NWSE	8	10.0 S	23.0 E	S
At Total Depth	2300 FSL 1670 FEL	NWSE	8	10.0 S	23.0 E	S

21. COUNTY UINTAH	22. DISTANCE TO NEAREST LEASE LINE (Feet) 1670	23. NUMBER OF ACRES IN DRILLING UNIT 320
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 915	26. PROPOSED DEPTH MD: 8438 TVD: 8240
27. ELEVATION - GROUND LEVEL 5332	28. BOND NUMBER WYB000291	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Permit #43-8496

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 Danielle Piernot	TITLE Regulatory Analyst	PHONE 720 929-6156
SIGNATURE	DATE 06/19/2009	EMAIL danielle.piernot@anadarko.com
API NUMBER ASSIGNED 43047504960000	APPROVAL  Permit Manager	

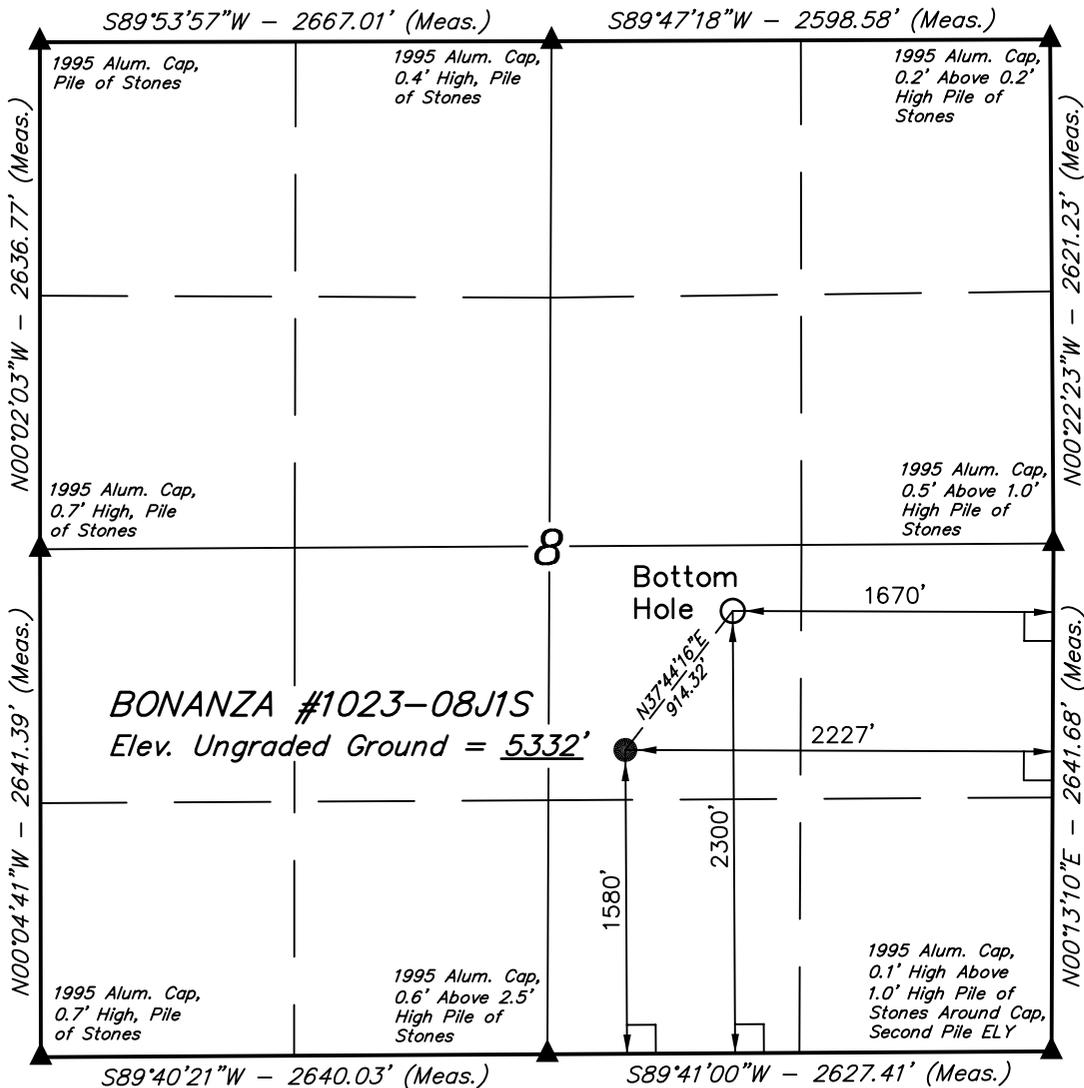
Proposed Hole, Casing, and Cement

String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	7.875	4.5	0	8438		
Pipe	Grade	Length	Weight			
	Grade I-80 LT&C	8438	11.6			

Proposed Hole, Casing, and Cement

String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	9.625	0	2075		
Pipe	Grade	Length	Weight			
	Grade J-55 LT&C	2075	36.0			

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



Kerr-McGee Oil & Gas Onshore LP

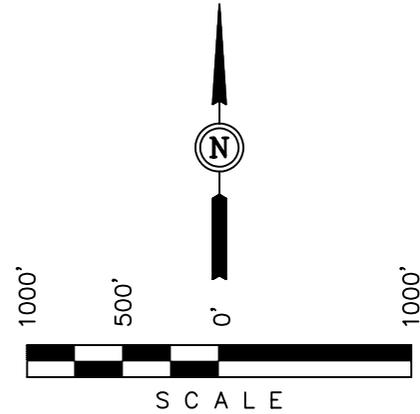
Well location, BONANZA #1023-08J1S, located as shown in the NW 1/4 SE 1/4 of Section 8, T10S, R23E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

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

BASIS OF BEARINGS

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



CERTIFICATE

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.



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

- LEGEND:**
- └─┘ = 90° SYMBOL
 - = PROPOSED WELL HEAD.
 - ▲ = SECTION CORNERS LOCATED.

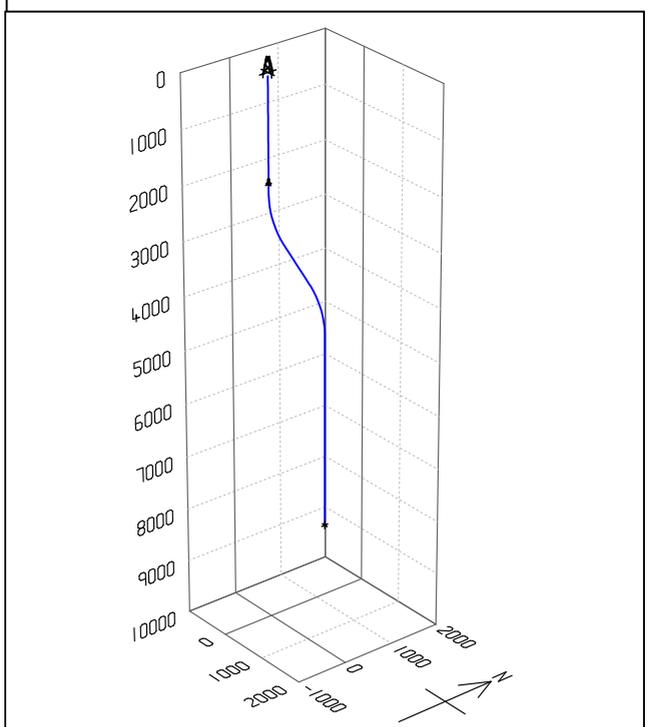
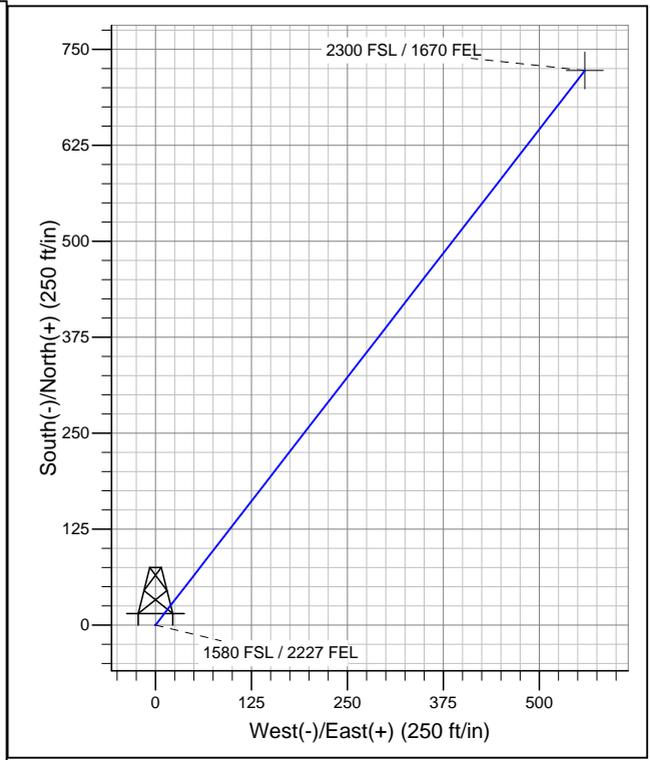
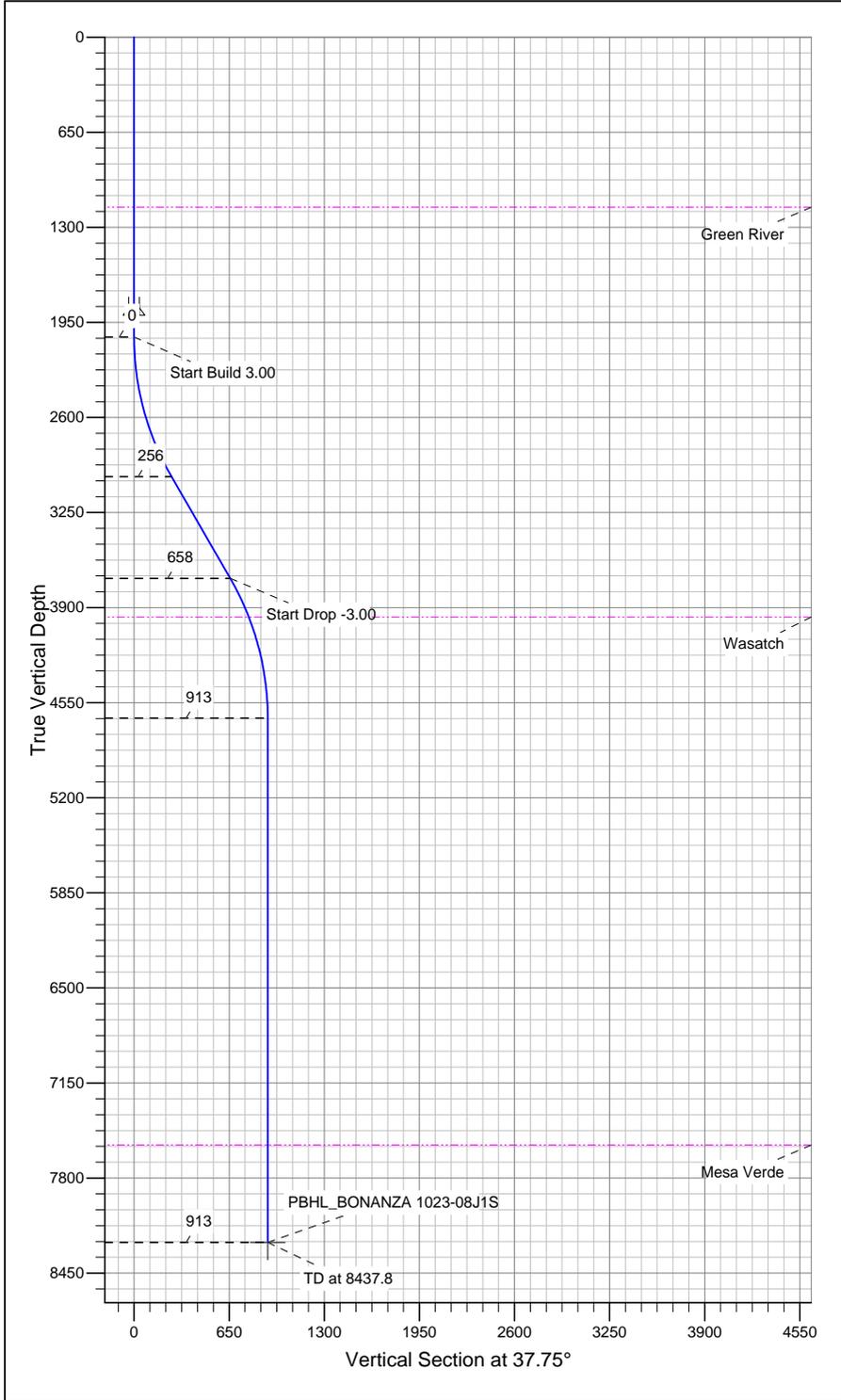
NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 39°57'45.27" (39.962575)	LATITUDE = 39°57'38.13" (39.960592)
LONGITUDE = 109°20'50.06" (109.347239)	LONGITUDE = 109°20'57.24" (109.349233)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 39°57'45.39" (39.962608)	LATITUDE = 39°57'38.25" (39.960625)
LONGITUDE = 109°20'47.62" (109.346561)	LONGITUDE = 109°20'54.80" (109.348556)

SCALE 1" = 1000'	DATE SURVEYED: 11-05-08	DATE DRAWN: 11-10-08
PARTY D.K. D.S. D.P.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE Kerr-McGee Oil & Gas Onshore LP	

APIWellNo:43047504960000



Well Name: P_BONANZA 1023-08J1S
 Surface Location: UINTAH_BONANZA 1023-8J PAD
 NAD 1927 (NADCON CONUS)US State Plane 1927 (Exact solution)
 UTAH CENTRAL ZONE - 27
 Ground Elevation: 5331.0
 Northing 599955.70 Easting 2602999.20 Latitude 39.960625°N Longitude 109.348556°W



SECTION DETAILS									
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
2	2050.0	0.00	0.00	2050.0	0.0	0.0	0.00	0.00	0.0
3	3050.0	30.00	37.75	3004.9	202.3	156.6	3.00	37.75	255.9
4	3853.4	30.00	37.75	3700.7	520.0	402.6	0.00	0.00	657.6
5	4853.4	0.00	0.00	4655.6	722.3	559.2	3.00	180.00	913.5
6	8437.8	0.00	0.00	8240.0	722.3	559.2	0.00	0.00	913.5

Azimuths to True North
Magnetic North: 11.27°

Magnetic Field
Strength: 52569.8snT
Dip Angle: 65.93°
Date: 4/9/2009
Model: IGRF200510

ROCKIES - PLANNING

UTAH CENTRAL ZONE - 27

UINTAH_BONANZA 1023-8J PAD

P_BONANZA 1023-08J1S

P_BONANZA 1023-08J1S

Plan: Plan #1 04-09-09 ZJRA6

Standard Planning Report - Geographic

09 April, 2009

APC Planning Report - Geographic

Database: apc_edmp	Local Co-ordinate Reference: Well P_BONANZA 1023-08J1S
Company: ROCKIES - PLANNING	TVD Reference: WELL @ 5331.0ft (Original Well Elev)
Project: UTAH CENTRAL ZONE - 27	MD Reference: WELL @ 5331.0ft (Original Well Elev)
Site: UINTAH_BONANZA 1023-8J PAD	North Reference: True
Well: P_BONANZA 1023-08J1S	Survey Calculation Method: Minimum Curvature
Wellbore: P_BONANZA 1023-08J1S	
Design: Plan #1 04-09-09 ZJRA6	

Project UTAH CENTRAL ZONE - 27	
Map System: US State Plane 1927 (Exact solution)	System Datum: Mean Sea Level
Geo Datum: NAD 1927 (NADCON CONUS)	
Map Zone: Utah Central 4302	

Site UINTAH_BONANZA 1023-8J PAD		
Site Position:	Northing: 599,954.12 ft	Latitude: 39.960622°N
From: Lat/Long	Easting: 2,602,979.05 ft	Longitude: 109.348628°W
Position Uncertainty: 0.0 ft	Slot Radius: "	Grid Convergence: 1.38 °

Well P_BONANZA 1023-08J1S			
Well Position	+N/-S 0.0 ft	Northing: 599,955.70 ft	Latitude: 39.960625°N
	+E/-W 0.0 ft	Easting: 2,602,999.20 ft	Longitude: 109.348556°W
Position Uncertainty	0.0 ft	Wellhead Elevation: ft	Ground Level: 5,331.0 ft

Wellbore P_BONANZA 1023-08J1S					
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	4/9/2009	11.27	65.93	52,570

Design Plan #1 04-09-09 ZJRA6				
Audit Notes:				
Version:	Phase: PLAN	Tie On Depth: 0.0		
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	8,240.0	0.0	0.0	37.75

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
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,050.0	0.00	0.00	2,050.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,050.0	30.00	37.75	3,004.9	202.3	156.6	3.00	3.00	0.00	37.75	
3,853.4	30.00	37.75	3,700.7	520.0	402.6	0.00	0.00	0.00	0.00	
4,853.4	0.00	0.00	4,655.6	722.3	559.2	3.00	-3.00	0.00	180.00	
8,437.8	0.00	0.00	8,240.0	722.3	559.2	0.00	0.00	0.00	0.00	PBHL_BONANZA 1

APC Planning Report - Geographic

Database: apc_edmp	Local Co-ordinate Reference: Well P_BONANZA 1023-08J1S
Company: ROCKIES - PLANNING	TVD Reference: WELL @ 5331.0ft (Original Well Elev)
Project: UTAH CENTRAL ZONE - 27	MD Reference: WELL @ 5331.0ft (Original Well Elev)
Site: UINTAH_BONANZA 1023-8J PAD	North Reference: True
Well: P_BONANZA 1023-08J1S	Survey Calculation Method: Minimum Curvature
Wellbore: P_BONANZA 1023-08J1S	
Design: Plan #1 04-09-09 ZJRA6	

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude	
0.0	0.00	0.00	0.0	0.0	0.0	599,955.70	2,602,999.20	39.960625°N	109.348556°W	
1,163.0	0.00	0.00	1,163.0	0.0	0.0	599,955.70	2,602,999.20	39.960625°N	109.348556°W	
Green River										
1,900.0	0.00	0.00	1,900.0	0.0	0.0	599,955.70	2,602,999.20	39.960625°N	109.348556°W	
Surface Casing										
2,050.0	0.00	0.00	2,050.0	0.0	0.0	599,955.70	2,602,999.20	39.960625°N	109.348556°W	
3,050.0	30.00	37.75	3,004.9	202.3	156.6	600,161.73	2,603,150.93	39.961180°N	109.347997°W	
3,853.4	30.00	37.75	3,700.7	520.0	402.6	600,485.20	2,603,389.13	39.962053°N	109.347120°W	
4,146.8	21.20	37.75	3,965.0	620.1	480.1	600,587.16	2,603,464.21	39.962327°N	109.346843°W	
Wasatch										
4,853.4	0.00	0.00	4,655.6	722.3	559.2	600,691.23	2,603,540.86	39.962608°N	109.346561°W	
7,771.8	0.00	0.00	7,574.0	722.3	559.2	600,691.23	2,603,540.86	39.962608°N	109.346561°W	
Mesa Verde										
8,437.8	0.00	0.00	8,240.0	722.3	559.2	600,691.23	2,603,540.86	39.962608°N	109.346561°W	

Targets										
Target Name	- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL_BONANZA 102	- plan hits target center	0.00	0.00	8,240.0	722.3	559.2	600,691.23	2,603,540.86	39.962608°N	109.346561°W
	- Point									

Casing Points						
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")		
1,900.0	1,900.0	Surface Casing	9-5/8	12-1/4		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
7,771.8	7,574.0	Mesa Verde		0.00		
1,163.0	1,163.0	Green River		0.00		
4,146.8	3,965.0	Wasatch		0.00		

Bonanza 1023-8J1S

Pad: Bonanza 1023-8J
Surface: 1,580' FSL, 2,227' FEL (NW/4SE/4)
BHL: 2,300' FSL 1,670' FEL (NW/4SE/4)
Sec. 8 T10S R23E

Uintah, Utah
Mineral Lease: UTU 37355

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	1,163'	
Birds Nest	1,377'	Water
Mahogany	1,872'	Water
Wasatch	3,965'	Gas
Mesaverde	6,050'	Gas
MVU2	7,033'	Gas
MVL1	7,574'	Gas
TVD	8,240'	
TD	8,438'	

3. **Pressure Control Equipment** (Schematic Attached)

Please refer to the attached Drilling Program.

4. **Proposed Casing & Cementing Program:**

Please refer to the attached Drilling Program.

5. **Drilling Fluids Program:**

Please refer to the attached Drilling Program.

6. **Evaluation Program:**

Please refer to the attached Drilling Program.

7. Abnormal Conditions:

Maximum anticipated bottomhole pressure calculated at 8,438' TD, approximately equals 4,994 psi (calculated at 0.59 psi/foot).

Maximum anticipated surface pressure equals approximately 3,064 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates:

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

9. Variances:

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 to just above the Bird's Nest interval with an air hammer. The hammer is then tripped and replaced with a 12-1/4 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 9-5/8 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.

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

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'						
						3,520	2,020	453,000
SURFACE	9-5/8"	0 to 2,075	36.00	J-55	LTC	1.09	2.08	7.72
						7,780	6,350	201,000
PRODUCTION	4-1/2"	0 to 8,438	11.60	I-80	LTC	2.46	1.28	2.35

1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point))

2) MASP (Prod Casing) = Pore Pressure at TD - (0.22 psi/ft-partial evac gradient x TD)
 (Burst Assumptions: TD = 11.6 ppg) 0.22 psi/ft = gradient for partially evac wellbore
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)
MASP 3,064 psi

3) Maximum Anticipated Bottom Hole Pressure (MABHP) = Pore Pressure at TD
 (Burst Assumptions: TD = 11.6 ppg) 0.59 psi/ft = bottomhole gradient
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)
MABHP 4,994 psi

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500'	Premium cmt + 2% CaCl + 0.25 pps flocele	215	60%	15.60	1.18
Option 1	TOP OUT CMT (6 jobs)	1,200'	20 gals sodium silicate + Premium cmt + 2% CaCl + 0.25 pps flocele Premium cmt + 2% CaCl	380	0%	15.60	1.18
SURFACE		NOTE: If well will circulate water to surface, option 2 will be utilized					
Option 2	LEAD	1,575'	65/35 Poz + 6% Gel + 10 pps gilsonite + 0.25 pps Flocele + 3% salt BWOW	370	35%	12.60	1.81
	TAIL	500'	Premium cmt + 2% CaCl + 0.25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	3,458'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	330	40%	11.00	3.38
	TAIL	4,980'	50/50 Poz/G + 10% salt + 2% gel + 0.1% R-3	1,220	40%	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.

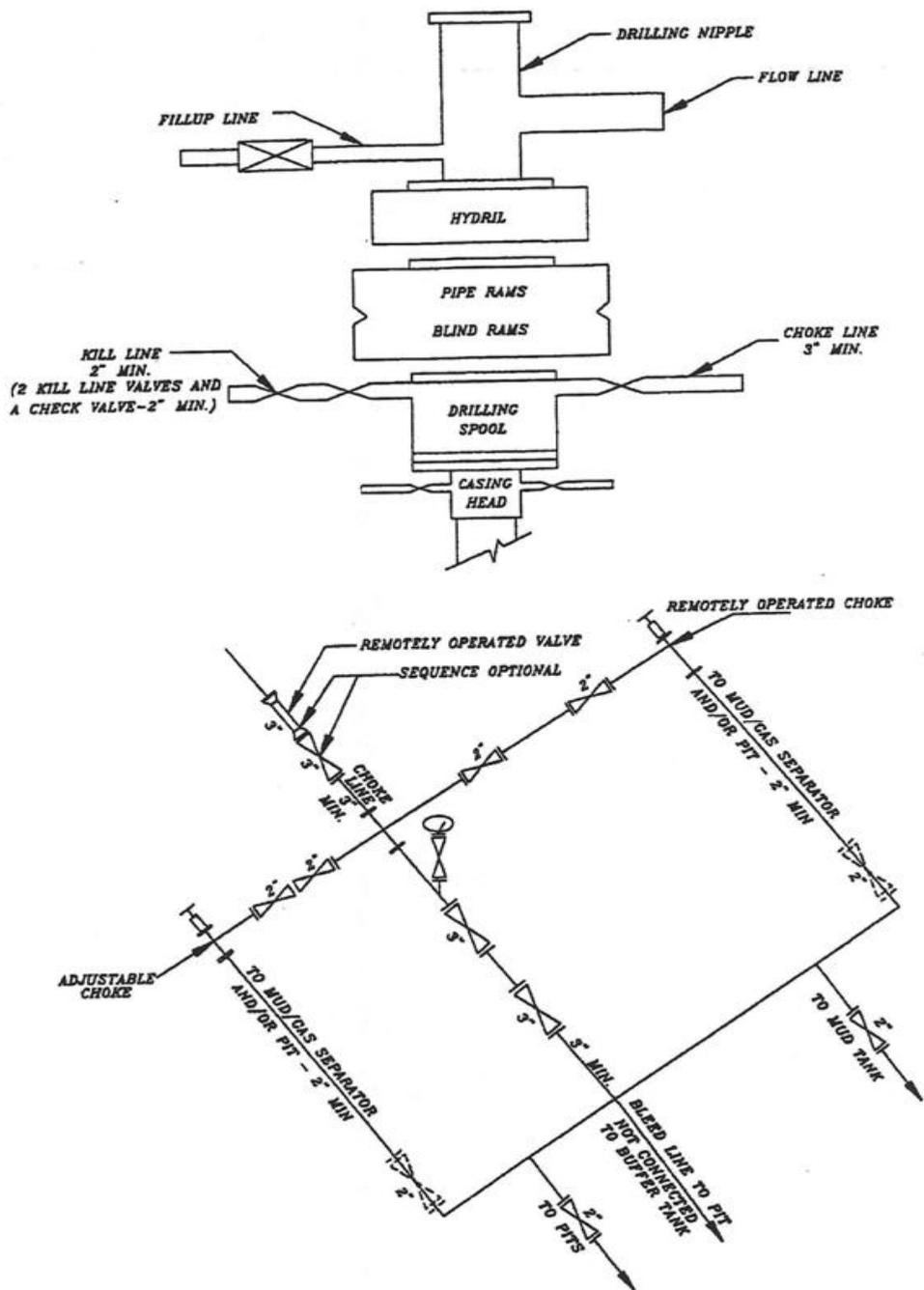
Surveys will be taken at 1,000' minimum intervals.

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

DRILLING ENGINEER: _____ **DATE:** _____
 John Huycke / Emile Goodwin

DRILLING SUPERINTENDENT: _____ **DATE:** _____
 John Merkel / Lovel Young

EXHIBIT A Bonanza 1023-8J1S



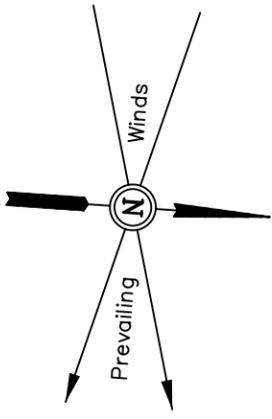
SCHMATIC DIAGRAM OF 5,000 PSI BOP STACK

Kerr-McGee Oil & Gas Onshore LP

LOCATION LAYOUT FOR

BONANZA #1023-08J1S, #1023-08J3, #1023-08O2S & #1023-08O3S
SECTION 8, T10S, R23E, S.L.B.&M.
NW 1/4 SE 1/4

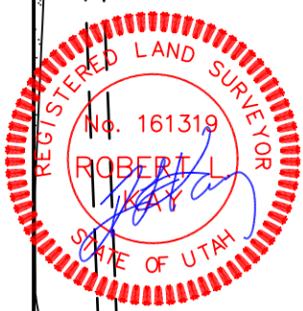
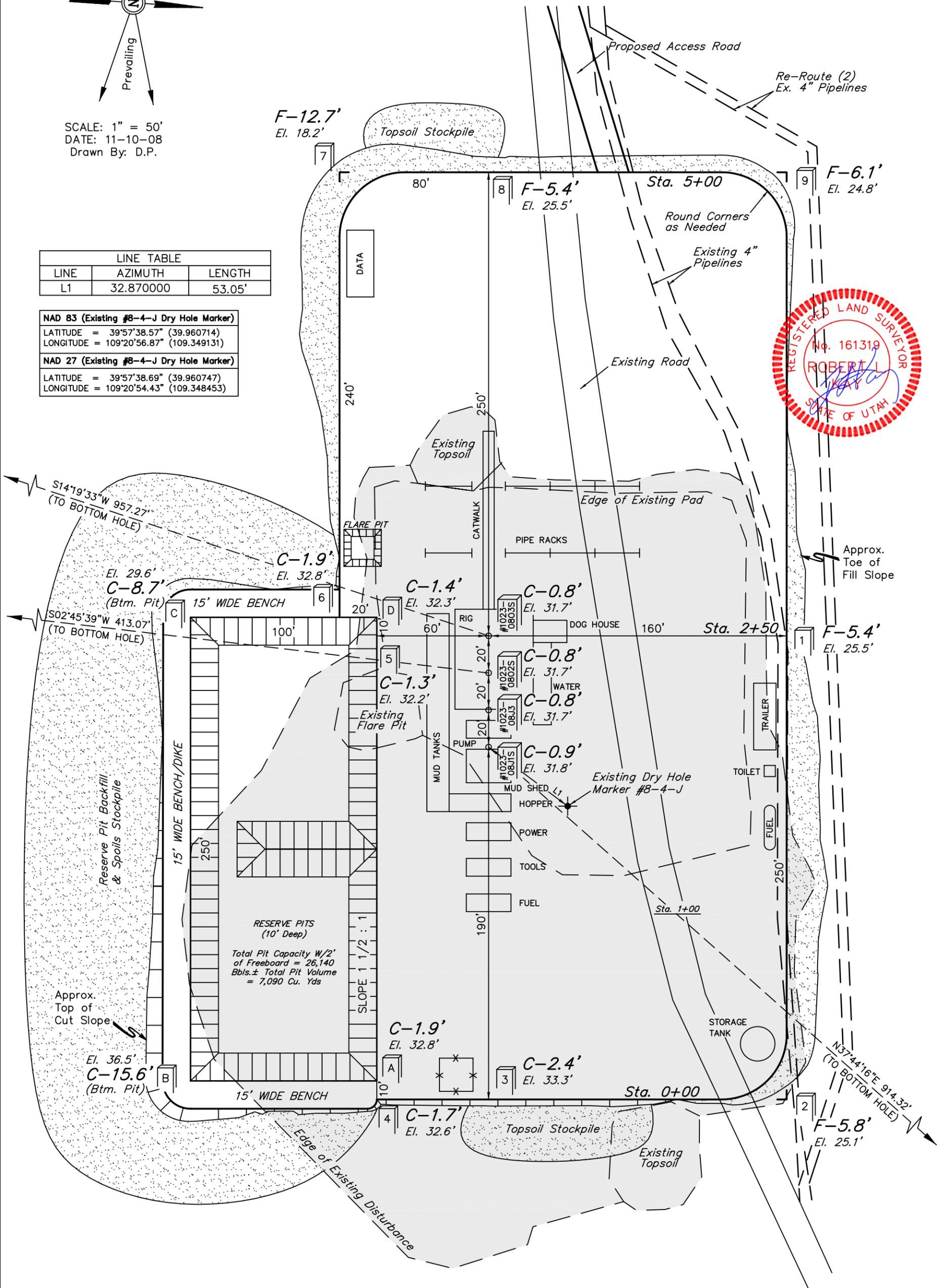
FIGURE #1



SCALE: 1" = 50'
DATE: 11-10-08
Drawn By: D.P.

LINE TABLE		
LINE	AZIMUTH	LENGTH
L1	32.870000	53.05'

NAD 83 (Existing #8-4-J Dry Hole Marker)	
LATITUDE	= 39°57'38.57" (39.960714)
LONGITUDE	= 109°20'56.87" (109.349131)
NAD 27 (Existing #8-4-J Dry Hole Marker)	
LATITUDE	= 39°57'38.69" (39.960747)
LONGITUDE	= 109°20'54.43" (109.348453)



NOTES:

Elev. Ungraded Ground At #1023-08O3S Loc. Stake = 5331.7'
FINISHED GRADE ELEV. AT #1023-08O3S LOC. STAKE = 5330.9'

Kerr-McGee Oil & Gas Onshore LP

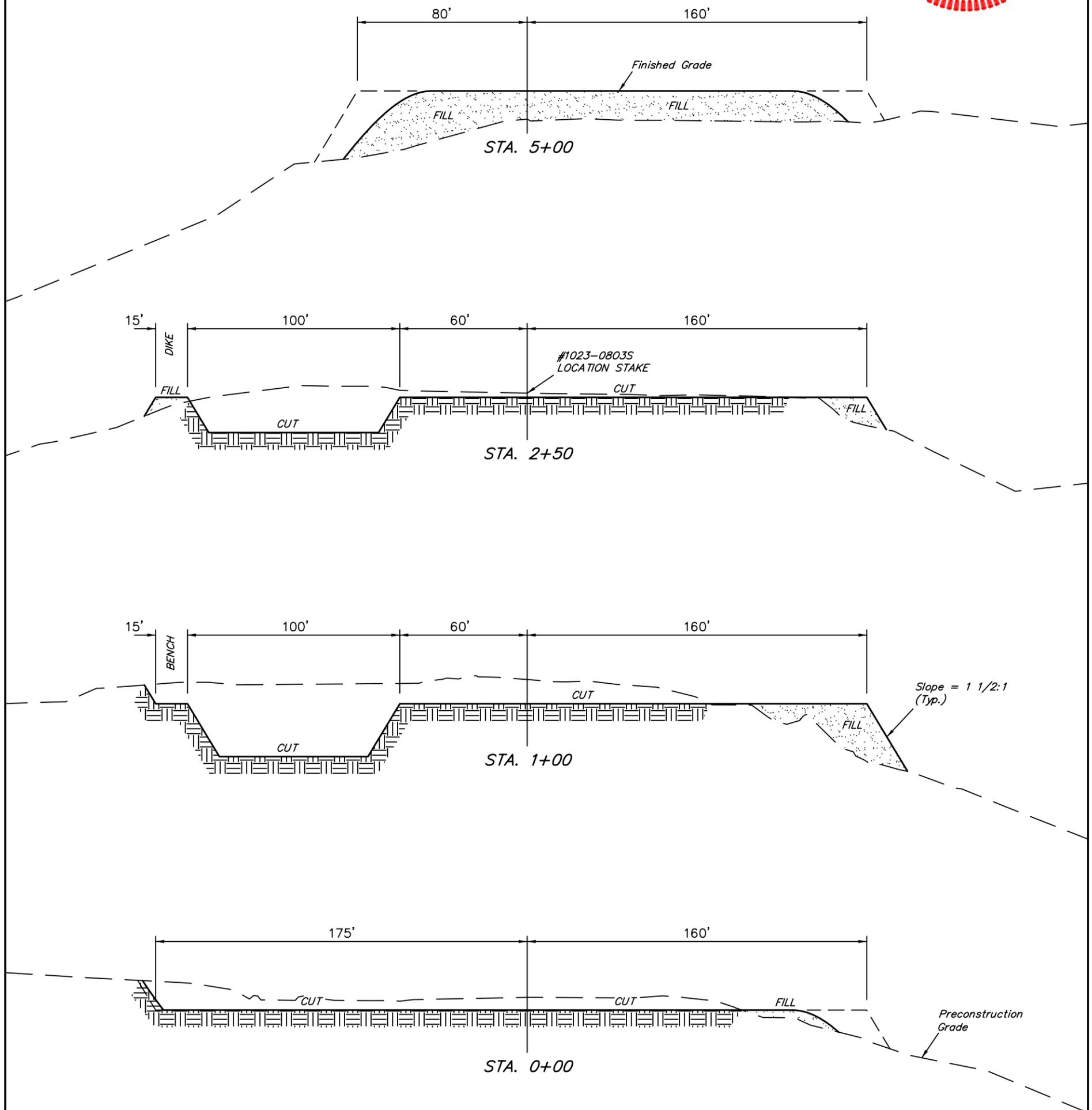
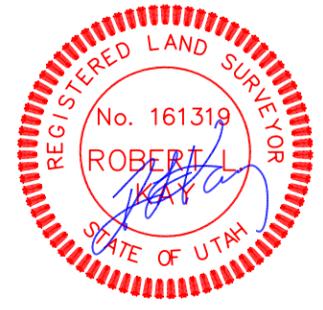
FIGURE #2

TYPICAL CROSS SECTIONS FOR

BONANZA #1023-08J1S, #1023-08J3, #1023-08O2S & #1023-08O3S
SECTION 8, T10S, R23E, S.L.B.&M.
NW 1/4 SE 1/4

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

DATE: 11-10-08
Drawn By: D.P.



APPROXIMATE ACREAGES

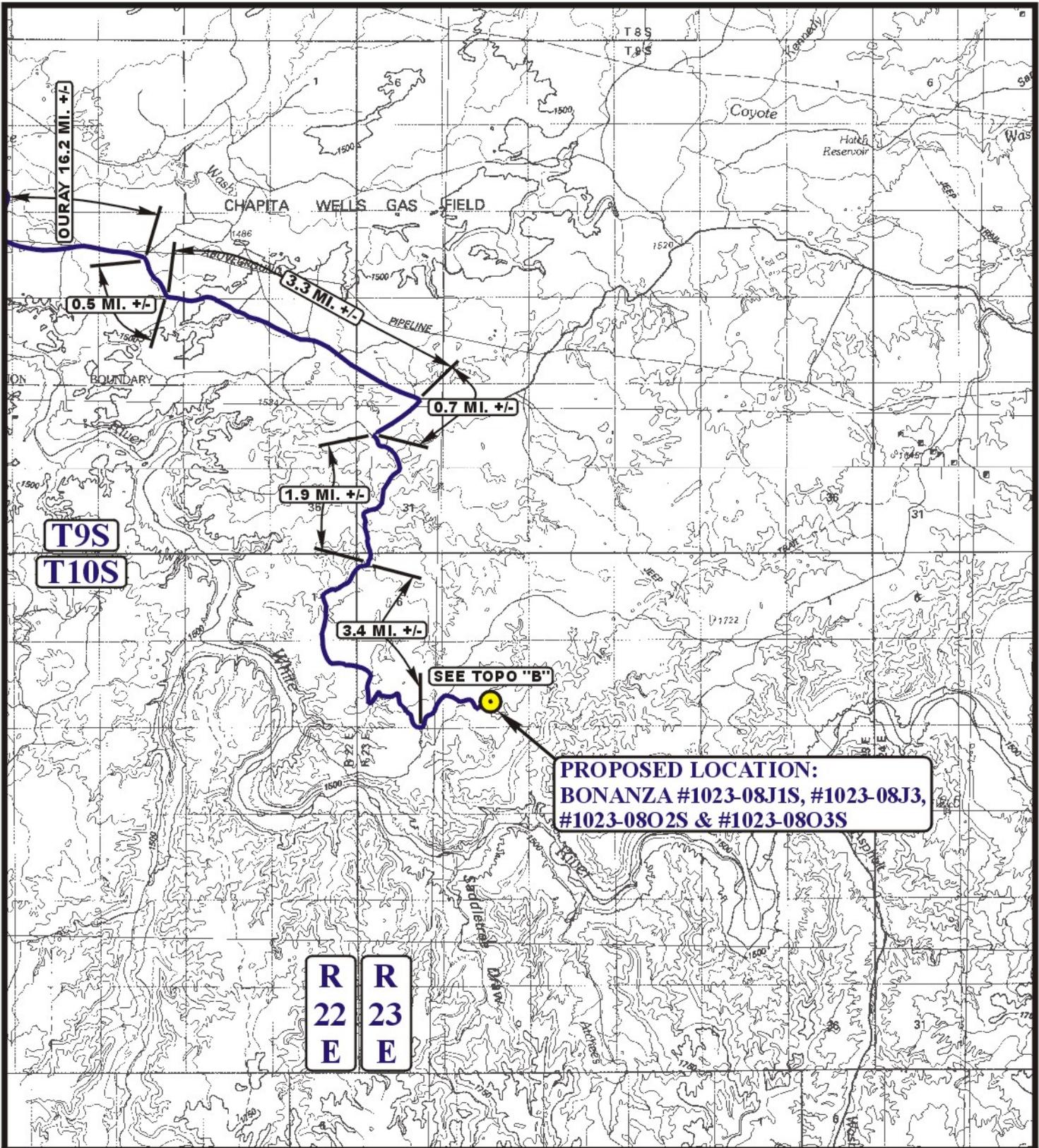
NEW CONSTRUCTION WELL SITE DISTURBANCE = ± 2.218 ACRES
EXISTING WELL SITE DISTURBANCE = ± 2.281 ACRES
TOTAL = ± 4.499 ACRES

APPROXIMATE YARDAGES

(6") Topsoil Stripping = 3,050 Cu. Yds.
Remaining Location = 13,330 Cu. Yds.
TOTAL CUT = 16,380 CU.YDS.
FILL = 9,780 CU.YDS.

EXCESS MATERIAL = 6,600 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.) = 6,600 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation) = 0 Cu. Yds.

* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION



LEGEND:

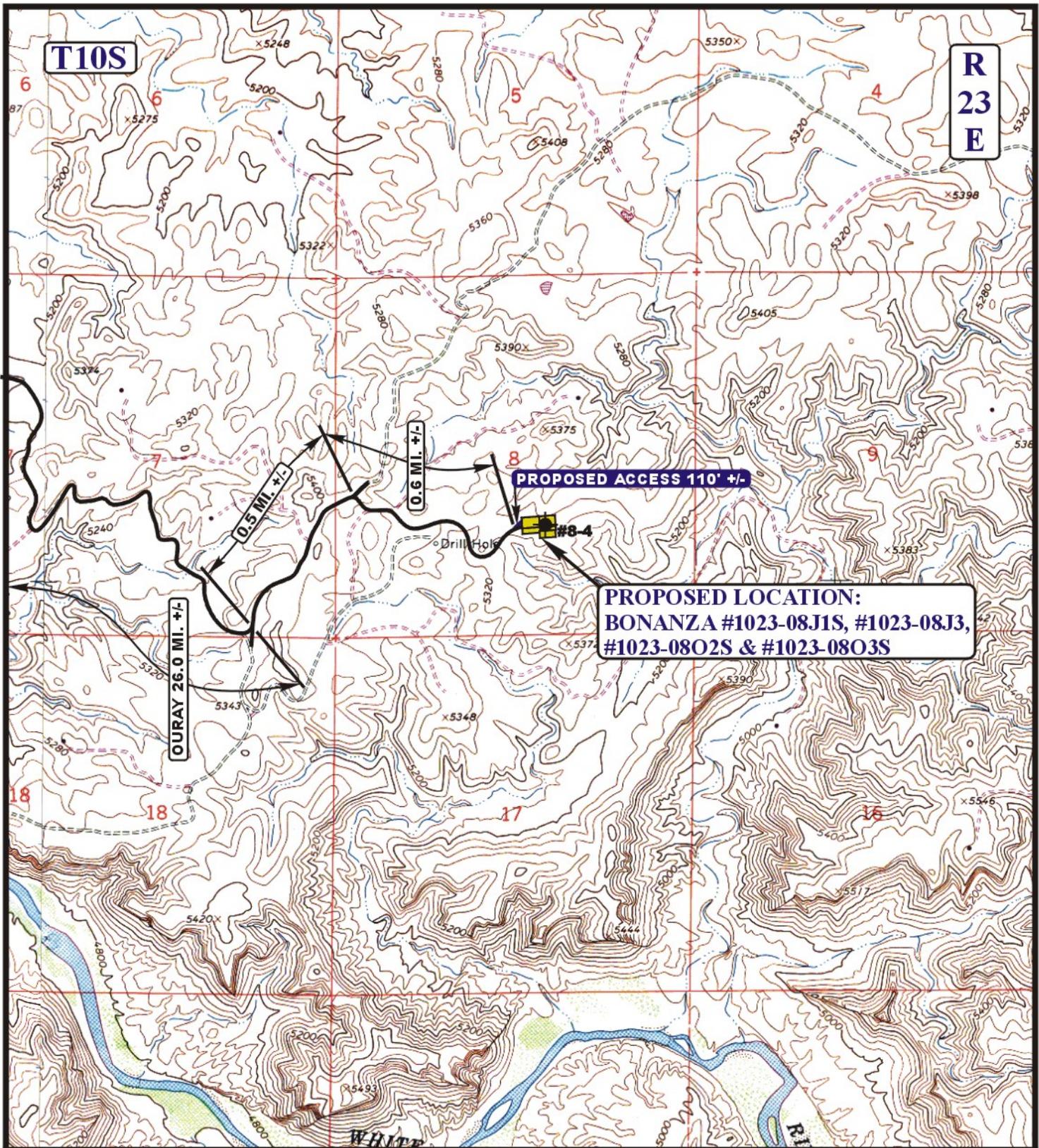
 PROPOSED LOCATION

Kerr-McGee Oil & Gas Onshore LP

BONANZA #1023-8J1S, #1023-08J3, #1023-08O2S & #1023-08O3S
SECTION 8, T10S, R23E, S.L.B.&M.
NW 1/4 SE 1/4

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

TOPOGRAPHIC MAP 11 11 08
MONTH DAY YEAR
SCALE: 1:100,000 DRAWN BY: J.J. REVISED: 00-00-00 **TOPO**



**PROPOSED LOCATION:
 BONANZA #1023-08J1S, #1023-08J3,
 #1023-08O2S & #1023-08O3S**

LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD

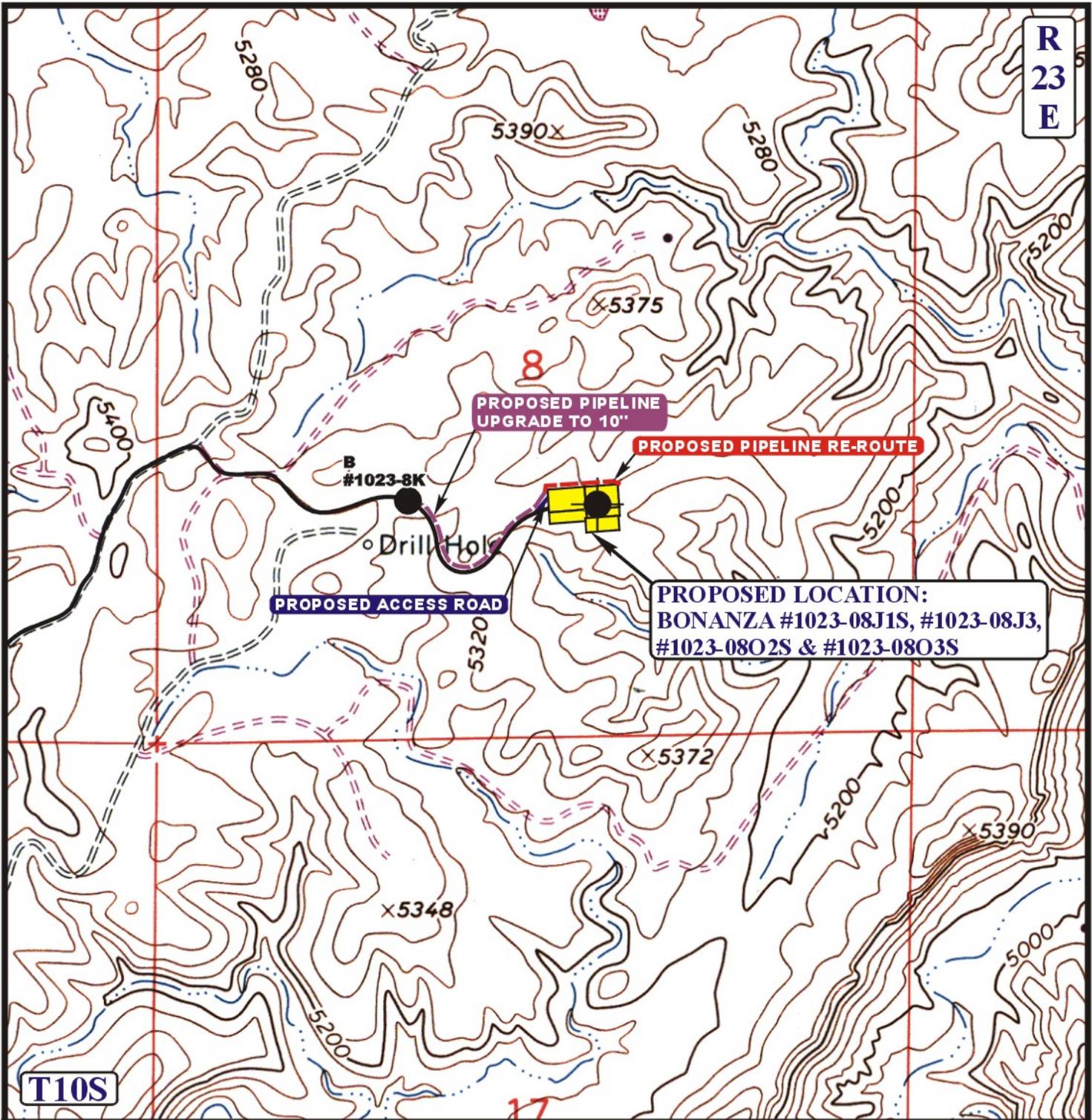
Kerr-McGee Oil & Gas Onshore LP

BONANZA #1023-8J1S, #1023-8J3, #1023-08O2S & #1023-08O3S
 SECTION 8, T10S, R23E, S.L.B.&M.
 NW 1/4 SE 1/4

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



TOPOGRAPHIC MAP 11 11 08
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: J.J. REVISED: 00-00-00 **B TOPO**



APPROXIMATE TOTAL PIPELINE UPGRADE DISTANCE = 1,341' +/-

APPROXIMATE TOTAL PIPELINE RE-ROUTE DISTANCE = 658' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE RE-ROUTE
- PROPOSED PIPELINE UPGRADE TO 10"

Kerr-McGee Oil & Gas Onshore LP

BONANZA #1023-8J1S, #1023-08J3, #1023-08O2S & #1023-08O3S
SECTION 8, T10S, R23E, S.L.B.&M.
NW 1/4 SE 1/4

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



TOPOGRAPHIC 12 09 08
MAP MONTH DAY YEAR
SCALE: 1" = 1000' DRAWN BY: J.J. REVISED: 00-00-00 **D**
TOPO

Kerr-McGee Oil & Gas Onshore LP

BONANZA #1023-08J1S, #1023-08J3, #1023-08O2S & #1023-08O3S

LOCATED IN UINTAH COUNTY, UTAH

SECTION 8, T10S, R23E, S.L.B.&M.

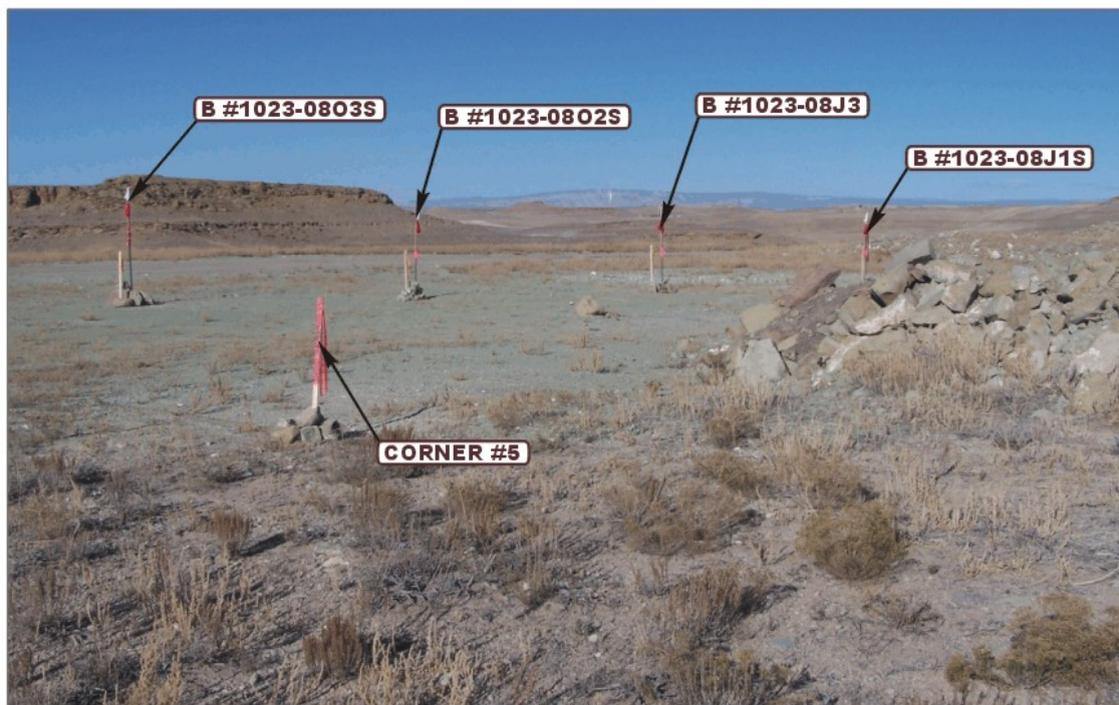


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



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

- Since 1964 -

LOCATION PHOTOS	11	11	08	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: D.K.	DRAWN BY: J.J.		REVISED: 00-00-00	

Kerr-McGee Oil & Gas Onshore LP
BONANZA #1023-8J1S, #1023-08J3, #1023-08O2S &
#1023-08O3S
SECTION 8, T10S, R23E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 3.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY, THEN SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 3.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN RIGHT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 110' TO THE PROPOSED LOCATION.

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

Bonanza 1023-8J1S

Surface: 1,580' FSL, 2,227' FEL (NW/4SE/4)
BHL: 2,300' FSL 1,670' FEL (NW/4SE/4)

Bonanza 1023-8J3

Surface: 1,579' FSL, 2,247' FEL (NW/4SE/4)

Bonanza 1023-8O2S

Surface: 1,577' FSL, 2,267' FEL (NW/4SE/4)
BHL: 1,165' FSL 2,285' FEL (SW/4SE/4)

Bonanza 1023-8O3S

Surface: 1,576' FSL, 2,287' FEL (NW/4SE/4)
BHL: 650' FSL 2,520' FEL (SW/4SE/4)

Pad: Bonanza 1023-8J
Sec. 8 T10S R23E

Uintah, Utah
Mineral Lease: UTU 37355

ONSHORE ORDER NO. 1

***MULTI-POINT SURFACE USE & OPERATIONS PLAN
SUBMITTED WITH SITE-SPECIFIC INFORMATION***

This Application for Permit to Drill (APD) is filed under the Notice of Staking (NOS) process as stated in Onshore Order No. 1 (OSO #1) and supporting Bureau of Land Management (BLM) documents. An NOS was submitted in December, 2008 showing the surface locations in NW/4 SE/4 of Section 8 T10S R23E.

This Surface Use Plan of Operations (SUPO) or 13-point plan provides the site-specific information for the above-referenced wells. This information is to be incorporated by reference into the Master Development Plan (MDP) for Kerr-McGee Oil & Gas Onshore LP (Kerr-McGee). The MDP is available upon request from the BLM-Vernal Field Office.

An on-site meeting was held on February 3, 2009. Present were:

- Verlyn Pindell, Dave Gordon, Scott Ackerman, Karl Wright – BLM;
- David Kay – Uintah Engineering & Land Surveying;
- Kolby Kay – 609 Consulting, LLC
- Tony Kazeck, Clay Einerson, Raleen White, Ramey Hoopes, Grizz Oleen, Charles Chase and Spencer Biddle – Kerr-McGee.

Directional Drilling:

In accordance with Utah Oil & Gas Conservation Rule R649-3-11 pertaining to Directional Drilling, this well will be directionally drilled in order to access portions of our lease which are otherwise inaccessible due to topography.

1. Existing Roads:

- A) Refer to Topo Map A for directions to the location.
- B) Refer to Topo Maps A and B for location of access roads within a 2-mile radius.
- C) Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

2. Planned Access Roads:

See MDP for additional details on road construction.

Approximately ± 0.02 miles ($\pm 110'$) of new access road is proposed. Please refer to the attached Topo Map B. No pipelines will be crossed with the new construction.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities were determined at the on-site and are typically shown on the attached Exhibits and Topo maps.

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

Please refer to Topo Map C.

4. Location of Existing and Proposed Facilities:

See MDP for additional details on Existing and Proposed Facilities.

The following guidelines will apply if the well is productive.

Approximately $\pm 1,341'$ of existing pipeline needs to be upgraded to 10" and approximately $\pm 658'$ of existing pipeline needs to be re-routed. Refer to Topo D for the existing pipeline. Pipeline segments will be welded or zaplocked together on disturbed areas in or near the location, whenever possible, and dragged into place

5. Location and Type of Water Supply:

See MDP for additional details on Location and Type of Water Supply.

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32 T4S R3E, Water User Claim number 43-8496, Application number 53617. Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. Source of Construction Materials:

See MDP for additional details on Source of Construction Materials.

7. Methods of Handling Waste Materials:

See MDP for additional details on Methods of Handling Waste Materials.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites:

RNI 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

8. Ancillary Facilities:

See MDP for additional details on Ancillary Facilities.

None are anticipated.

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

See MDP for additional details on Well Site Layout.

All pits will be fenced according to the following minimum standards:

- Net wire (39-inch) will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.
- Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.
- All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

10. Plans for Reclamation of the Surface:

See MDP for additional details on Plans for Reclamation of the Surface.

11. Surface/Mineral Ownership:

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

12. Other Information:

See MDP for additional details on Other Information.

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

Kathy Schneebeck Dulnoan
Regulatory Analyst
Kerr-McGee Oil & Gas Onshore LP
PO Box 173779
Denver, CO 80217-3779
(720) 929-6007

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.



Danielle Piernot

June 16, 2009

Date

CLASS I REVIEW OF KERR-MCGEE OIL AND GAS
ONSHORE LP'S 43 PROPOSED WELL LOCATIONS
(T10S, R23E, SECTIONS 5, 6, 7, 8, AND 10)
UINTAH COUNTY, UTAH

By:

Nicole Shelnut

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Kerr-McGee Oil and Gas Onshore LP
1368 South 1200 East
Vernal, Utah 84078

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 219
Moab, Utah 84532

MOAC Report No. 08-331

February 26, 2009

United States Department of Interior (FLPMA)
Permit No. 08-UT-60122

IPC #08-328

Paleontological Reconnaissance Survey Report

**Survey of Kerr McGee's Proposed Multi-Wells and Pipeline
Upgrades for "Bonanza #1023-08J1S, J3, 02S & 03S" and
"Bonanza #1023-17D3S, E2S, F1S & F4S"
(Sec. 7, 8 & 17, T 10 S, R 23 E)**

Asphalt Wash
Topographic Quadrangle
Uintah County, Utah

December 17, 2008

Prepared by Stephen D. Sandau
Paleontologist for
Intermountain Paleo-Consulting
P. O. Box 1125
Vernal, Utah 84078

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 6/19/2009

API NO. ASSIGNED: 43047504960000

WELL NAME: Bonanza 1023-8J1S

OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P. (N2995)

PHONE NUMBER: 720 929-6156

CONTACT: Danielle Piernot

PROPOSED LOCATION: NWSE 8 100S 230E

Permit Tech Review:

SURFACE: 1580 FSL 2227 FEL

Engineering Review:

BOTTOM: 2300 FSL 1670 FEL

Geology Review:

COUNTY: UINTAH

LATITUDE: 39.96045

LONGITUDE: -109.34863

UTM SURF EASTINGS: 641049.00

NORTHINGS: 4424463.00

FIELD NAME: NATURAL BUTTES

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU 37355

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:** 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. drilling unit boundary
- R649-3-11. Directional Drill**

Comments: Presite Completed

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



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
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 1023-8J1S
API Well Number: 43047504960000
Lease Number: UTU 37355
Surface Owner: FEDERAL
Approval Date: 6/30/2009

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 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:

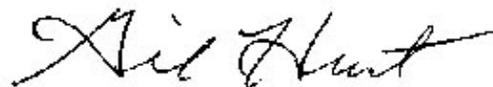
- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)
- OR
- submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <http://oilgas.ogm.utah.gov>

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:



Gil Hunt
Associate Director, Oil & Gas

RECEIVED

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUN 26 2009

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. UTU37355
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: DANIELLE E PIERNOT Email: Danielle.Piernot@anadarko.com		7. If Unit or CA Agreement, Name and No.
3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078		8. Lease Name and Well No. BONANZA 1023-8J1S
3b. Phone No. (include area code) Ph: 720-929-6156 Fx: 720-929-7156		9. API Well No. 43 047 50496
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NWSE 1580FSL 2227FEL 39.96059 N Lat, 109.34923 W Lon At proposed prod. zone NWSE 2300FSL 1670FEL 39.96258 N Lat, 109.34724 W Lon		10. Field and Pool, or Exploratory NATURAL BUTTES
14. Distance in miles and direction from nearest town or post office* APPROXIMATELY 27 MILES SOUTHEAST OF OURAY, UTAH		11. Sec., T., R., M., or Blk. and Survey or Area Sec 8 T10S R23E Mer SLB SME: BLM
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1670 FEET	16. No. of Acres in Lease 1920.000	12. County or Parish UINTAH
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. APPROXIMATELY 915 FEET	19. Proposed Depth 8438 MD 8240 TVD	13. State UT
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5332 GL	20. BLM/BIA Bond No. on file WYB000291	17. Spacing Unit dedicated to this well 320.00
	22. Approximate date work will start 07/14/2009	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) DANIELLE E PIERNOT Ph: 720-929-6156	Date 06/19/2009
--	---	--------------------

Title
REGULATORY ANALYST

Approved by (Signature) <i>Stephanie J Howard</i>	Name (Printed/Typed) Stephanie J Howard	Date 12/16/09
--	--	------------------

Title
Acting 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)

NOTICE OF APPROVAL

Electronic Submission #71189 verified by the BLM Well Information System
For KERR MCGEE OIL & GAS ONSHORE L, sent to the Vernal
Committed to AFMSS for processing by GAIL JENKINS on 06/24/2009 (09GXJ5021AE)

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** BLM REVISED **



09GXJ5021AE 118: 19-99-9008



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
Well No: Bonanza 1023-8J1S
API No: 43-047-50496

Location: NWSE, Sec. 8, T10S, R23E
Lease No: UTU-37355
Agreement: N/A

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 was processed using a 390 CX tied to NEPA approved 2/5/2007. Therefore, this permit is approved for a two (2) year period OR until lease expiration OR the well must be spud by 2/5/2012 (5 years from the NEPA approval date), 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.

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**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.
- The following seed mix will be used for Interim Reclamation

Interim Reclamation seed mix

Ephraim crested wheatgrass	<i>Agropyron cristatum v. Epharim</i>	1 lbs. /acre
Bottlebrush squirreltail	<i>Elymus elymoides</i>	1 lbs. /acre
Siberian wheatgrass	<i>Agropyron fragile</i>	1 lbs. /acre
Western wheatgrass	<i>Agropyron smithii</i>	1 lbs. /acre
Scarlet globemallow	<i>Spaeralcea coccinea</i>	1 lbs. /acre
Shadscale	<i>Atriplex confertifolia</i>	2 lbs. /acre
Fourwing saltbush	<i>Atriplex canescens</i>	2 lbs. /acre

Seed shall be applied with a rangeland drill, unless topography and /or rockiness precludes the use of equipment. Seed shall be applied between August 15 and ground freezing. All seed rates are in terms of Pure Live Seed. Operator shall notify the Authorized Officer when seeding has commenced, and shall retain all seed tags.

- The operator will control noxious weeds along the well pad, access road, and the pipeline route by spraying or mechanical removal. On BLM administered land, a Pesticide Use Proposal (PUP) will be submitted and approved prior to the application of herbicides or pesticides or possibly hazardous chemicals.
- All permanent (on-site six months or longer), above ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) would be excluded. The requested color is Shadow Gray as determined during the on-site inspection.
- As agreed upon the onsite the pit will be lined with double felt.

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

SITE SPECIFIC DOWNHOLE COAs:

- A formation integrity test shall be performed at the surface casing shoe.
- A Gama Ray Log shall be run from TD 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 two truck/trailer mounted air compressors located within 40 feet from the well bore and 60' from the blooie line.
- In lieu of mud products on location, Kerr McGee will fill the reserve pit with water for kill fluid.
- Automatic igniter. Variance granted for igniter due to there being no productive formations while drilling with air.

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.

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- 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.

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Page 5 of 6
Well: Bonanza 1023-8J1S
12/4/2009

DIV. OF OIL, GAS & MINING

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.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- 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 ($\frac{1}{4}$ $\frac{1}{4}$, 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.

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DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU 37355
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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 1023-8J1S
------------------------------------	--

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047504960000
---	---

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

4. LOCATION OF WELL FOOTAGES AT SURFACE: 1580 FSL 2227 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 8 Township: 10.0S Range: 23.0E Meridian: S	COUNTY: UINTAH STATE: UTAH
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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: 1/28/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" 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:

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

Kerr-McGee Oil & Gas Onshore LP (Kerr-McGee) respectfully requests to change the surface casing for this well due to revised drilling practices. The surface casing depth is changing FROM: 2,075' TO: 2,020'. Additionally, the surface casing size is changing FROM: 9-5/8" TO: 8-5/8". Please see the attached drilling program for additional details. All other information remains the same. Please contact the undersigned with any questions and/or comments. Thank you.

Accepted by the Utah Division of Oil, Gas and Mining

Date: January 26, 2010

By: *Danielle Piernot*

NAME (PLEASE PRINT) Danielle Piernot	PHONE NUMBER 720 929-6156	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 1/26/2010	



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'						
						3,390	1,880	348,000
SURFACE	8-5/8"	0 to 2,020	28.00	IJ-55	LTC	1.05	1.99	6.09
						7,780	6,350	278,000
PRODUCTION	4-1/2"	0 to 8,438	11.60	I-80	BTC	2.46	1.28	3.25

*Burst on surface casing is controlled by fracture gradient as shoe with gas gradient above.

D.F. = 2.66

1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point))

2) MASP (Prod Casing) = Pore Pressure at TD - (0.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD = 11.6 ppg)

0.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

MASP 3,064 psi

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

(Burst Assumptions: TD = 11.6 ppg)

0.59 psi/ft = bottomhole gradient

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

MABHP 4,994 psi

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500'	Premium cmt + 2% CaCl	215	60%	15.60	1.18
			+ 0.25 pps flocele				
Option 1							
	TOP OUT CMT (6 jobs)	1,200'	20 gals sodium silicate + Premium cmt	260	0%	15.60	1.18
			+ 2% CaCl + 0.25 pps flocele				
			Premium cmt + 2% CaCl				
SURFACE			NOTE: If well will circulate water to surface, option 2 will be utilized				
Option 2							
	LEAD	1,520'	65/35 Poz + 6% Gel + 10 pps gilsonite	290	35%	12.60	1.81
			+ 0.25 pps Flocele + 3% salt BWOW				
	TAIL	500'	Premium cmt + 2% CaCl	150	35%	15.60	1.18
			+ 0.25 pps flocele				
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION							
	LEAD	3,458'	Premium Lite II +0.25 pps	280	40%	11.00	3.38
			celloflake + 5 pps gilsonite + 10% gel				
			+ 0.5% extender				
	TAIL	4,980'	50/50 Poz/G + 10% salt + 2% gel	1,220	40%	14.30	1.31
			+ 0.1% R-3				

*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:

John Huycke / Emile Goodwin

DATE:

DRILLING SUPERINTENDENT:

John Merkel / Lovel Young

DATE:

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU 37355
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: Bonanza 1023-8J1S
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047504960000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1580 FSL 2227 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 8 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

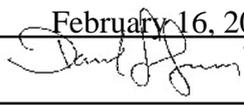
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 2/18/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<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 type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: ECOFRAC/ Pit Refurb

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

Kerr-McGee Oil & Gas Onshore, LP is requesting to refurb the existing pit on this multi-well pad for completion operations. The refurb pit will be relined per the requirements in the COA of the APD. Upon completion of the wells on this pad, Kerr-McGee is also requesting to utilize this pit as a ECOFRAC staging pit to be utilized for other completion operations in the area. There will be 2-400 bbl skim tanks placed on the location. The trucks will unload water into these tanks before the water is placed into the refurbished pit. The purpose of the skim tanks is to collect any hydro-carbons that may have been associated with the other completion operations before releasing into the pit. We plan to keep this pit open for 1 year. During this time the surrounding well location completion fluids will be recycled in this pit and utilized for other frac jobs in the surrounding sections. Thank you.

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

Date: February 16, 2010

By: 

NAME (PLEASE PRINT) Danielle Piernot	PHONE NUMBER 720 929-6156	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 2/12/2010	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU 37355
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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 1023-8J1S
------------------------------------	--

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047504960000
---	---

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 1580 FSL 2227 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 8 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: 2/12/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input 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:

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

Kerr-McGee Oil & Gas Onshore LP (Kerr-McGee) respectfully requests to change the cement program for this well due to a revised drilling procedure. The production casing will still be cemented it's entire length to the surface. Please see the attached drilling program for additional details. All other information remains the same. Please contact the undersigned with any questions and/or comments. Thank you.

Accepted by the Utah Division of Oil, Gas and Mining

Date: February 17, 2010

By: *Danielle Piernot*

NAME (PLEASE PRINT) Danielle Piernot	PHONE NUMBER 720 929-6156	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 2/11/2010



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'						
						3,390	1,880	348,000
SURFACE	8-5/8"	0 to 2,020	28.00	IJ-55	LTC	1.05	1.99	6.09
						7,780	6,350	278,000
PRODUCTION	4-1/2"	0 to 8,438	11.60	I-80	BTC	2.46	1.28	3.25

*Burst on surface casing is controlled by fracture gradient as shoe with gas gradient above.

D.F. = 2.66

1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point))

2) MASP (Prod Casing) = Pore Pressure at TD - (0.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD = 11.6 ppg)

0.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

MASP 3,064 psi

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

(Burst Assumptions: TD = 11.6 ppg)

0.59 psi/ft = bottomhole gradient

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

MABHP 4,994 psi

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500'	Premium cmt + 2% CaCl	215	60%	15.80	1.15
			+ 0.25 pps flocele				
Option 1							
	TOP OUT CMT (6 jobs)	1,200'	20 gals sodium silicate + Premium cmt	270	0%	15.80	1.15
			+ 2% CaCl + 0.25 pps flocele				
			Premium cmt + 2% CaCl				
SURFACE			NOTE: If well will circulate water to surface, option 2 will be utilized				
Option 2							
	LEAD	1,520'	65/35 Poz + 6% Gel + 10 pps gilsonite	140	35%	11.00	3.82
			+ 0.25 pps Flocele + 3% salt BWOW				
	TAIL	500'	Premium cmt + 2% CaCl	150	35%	15.80	1.15
			+ 0.25 pps flocele				
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.80	1.15
PRODUCTION							
	LEAD	5,748'	Premium Lite II +0.25 pps	500	40%	11.00	3.38
			celloflake + 5 pps gilsonite + 10% gel				
			+ 0.5% extender				
	TAIL	2,690'	50/50 Poz/G + 10% salt + 2% gel	660	40%	14.30	1.31
			+ 0.1% R-3				

*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:

John Huycke / Emile Goodwin

DATE:

DRILLING SUPERINTENDENT:

John Merkel / Lovel Young

DATE:

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) 929-6100

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304750496	BONANZA 1023-8J1S		NWSE	8	10S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	17509	2/17/2010			2/25/10	
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSTMVD</i> SPUD WELL LOCATION ON 2/17/2010 AT 09:00 HRS. <i>BHL = NWSE</i>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304750498	BONANZA 1023-8J3		NWSE	8	10S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	17510	2/17/2010			2/25/10	
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSTMVD</i> SPUD WELL LOCATION ON 2/17/2010 AT 11:00 HRS.							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304750495	BONANZA 1023-8O2S		NWSE	8	10S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	17511	2/17/2010			2/25/10	
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSTMVD</i> SPUD WELL LOCATION ON 2/17/2010 AT 13:00 HRS. <i>BHL = SWSE</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)

ANDY LYTLE

Name (Please Print)

Signature

REGULATORY ANALYST

Title

2/18/2010

Date

RECEIVED

FEB 18 2010

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU 37355
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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 1023-8J1S
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2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047504960000
---	---

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 1580 FSL 2227 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 8 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: 2/24/2010	<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:

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

MIRU PROPETRO AIR RIG ON 2/18/2010. DRILLED 11" SURFACE HOLE TO 2040'. RAN 8 5/8 28# J-55 SURFACE CASING. TEST LINES TO 2000 PSI. PUMP 125 BBLS H2O, PUMP 20 BBLS GEL WATER. PUMP 350 SX CLASS G PREMIUM LITE TAIL CEMENT @ 15.8 PPG, 1.15 YIELD. DROP PLUG ON FLOW. DISPLACE W/ 119 BBLS FRESH WATER, 50 PSI LIFT, NO RETURNS. PUMP PLUG W/ 490 PSI. TOP OUT 100 SX OF 15.8 PPG, 1.15 YIELD CLASS G PREMIUM LITE CEMENT. WAIT 2 HRS, PUMP 125 SX SAME CEMENT. NO CEMENT TO SURFACE. WILL TOP OUT W/ REDIMIX. WORT

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 February 25, 2010

NAME (PLEASE PRINT) Laura Gianakos	PHONE NUMBER 307 752-1169	TITLE Regulatory Affairs Supervisor
SIGNATURE N/A	DATE 2/24/2010	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU 37355
	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 1023-8J1S
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047504960000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1580 FSL 2227 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 8 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 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: 5/7/2010	<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:

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

FINISHED DRILLING FROM 2040' TO 8458' ON 5-5-2010. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. PUMP 40 BBL SPACER, LEAD CEMENT W/ 900 SX CLASS G ECONOCEM @ 12.5 PPG, 2.08 YD. TAILED CEMENT W/ 570 SX CLASS G 50/50 POZ MIX @ 14.3 PPG, 1.25 YD. DISPLACED W/ 130 BBL WATER, BUMP PLUG. RETURNED 50 BBL TO SURFACE. RD CEMENT CLEANED PITS. RELEASED ENSIGN RIG #139 ON 5-7-2010 @ 06:00 HRS.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 May 12, 2010

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 5/10/2010	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU 37355
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: Bonanza 1023-8J1S
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047504960000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1580 FSL 2227 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 8 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 type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
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<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: 5/7/2010	<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:

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

FINISHED DRILLING FROM 2040' TO 8458' ON 5-5-2010. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. PUMP 40 BBL SPACER, LEAD CEMENT W/ 900 SX CLASS G ECONOCEM @ 12.5 PPG, 2.08 YD. TAILED CEMENT W/ 570 SX CLASS G 50/50 POZ MIX @ 14.3 PPG, 1.25 YD. DISPLACED W/ 130 BBL WATER, BUMP PLUG. RETURNED 50 BBLs TO SURFACE. RD CEMENT CLEANED PITS. RELEASED ENSIGN RIG #139 ON 5-7-2010 @ 06:00 HRS.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 May 12, 2010

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 5/10/2010	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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

COPY

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
UTU37355

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
BONANZA 1023-8J1S

9. API Well No.
43-047-50496

10. Field and Pool, or Exploratory
NATURAL BUTTES

11. County or Parish, and State
UINTAH COUNTY, UT

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
KERR-MCGEE OIL&GAS ONSHORE, LP
Contact: ANDY LYTLE
E-Mail: andrew.lytle@anadarko.com

3a. Address
P.O. BOX 173779
DENVER, CO 80217

3b. Phone No. (include area code)
Ph: 720-929-6100

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 8 T10S R23E NWSE 1580FSL 2227FEL

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

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

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

DURING INITIAL COMPLETION OPERATIONS ON THIS WELL, IT WAS DISCOVERED THAT THERE WAS A HOLE IN THE CASING AT 1228'. THE HOLE WAS FOUND TO BE LEAKING. THE DECISION WAS MADE TO SQUEEZE THE HOLE IN THE CASING. THE SQUEEZE WORK WAS PERFORMED ON 7/12/2010.

THIS OPERATION WAS DISCUSSED BY PHONE BETWEEN ANDY LYTLE (KERR-MCGEE) AND RYAN ANGUS (BLM) ON 7/14/2010.

ATTACHED IS THE SUGGESTED CMT PROCEDURE FOR THIS OPERATION.

ACTUAL WORK IS NOTED IN THE DAILY CHRONOLOGICAL WELL HISTORY AND WILL BE SUBMITTED WITH THE WELL COMPLETION REPORT.

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

Electronic Submission #89573 verified by the BLM Well Information System For KERR-MCGEE OIL&GAS ONSHORE, LP, sent to the Vernal

Name (Printed/Typed) ANDY LYTLE Title REGULATORY ANALYST

Signature (Electronic Submission) Date 07/14/2010

Date: 8-25-2010 Initials: KS

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By [Signature] Title Pet. Eng. Date 8/16/10

Office Dogan Federal Approval Of This Action Is Necessary

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.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED RECEIVED**
JUL 20 2010

Suggested CMT procedure for Bonanza 1023-8J1S

1. P/U Weatherford 32a, 4.5" PKR & RIH on 2 3/8" tbg. Set PKR @ 900'.
2. MIRU Propetro. Est inj rate and Lead cmt w/ 10 bbls fresh water. Mix & pmp 200 sks (57 bbls) thixotropic cmt 14.2#, 1.6 yeild. Displace w/ 5.5 bbls fresh wtr. Est cmt top @ 1028'.
3. if no psi. begin hesitation. Total 3.5 bbls cmt in csg. If psi is reached @ 500#, shut well in for cmt cure.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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

COPY

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	8. Well Name and No. BONANZA 1023-8J1S
2. Name of Operator KERR-MCGEE OIL&GAS ONSHORE, LP Contact: ANDY LYTLE E-Mail: andrew.lytle@anadarko.com	9. API Well No. 43-047-50496
3a. Address P.O. BOX 173779 DENVER, CO 80217	10. Field and Pool, or Exploratory NATURAL BUTTES
3b. Phone No. (include area code) Ph: 720-929-6100	11. County or Parish, and State UINTAH COUNTY, UT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 8 T10S R23E NWSE 1580FSL 2227FEL	

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

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

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

DURING INITIAL COMPLETION OPERATIONS ON THIS WELL, IT WAS DISCOVERED THAT THERE WAS A HOLE IN THE CASING AT 1228'. THE HOLE WAS FOUND TO BE LEAKING. THE DECISION WAS MADE TO SQUEEZE THE HOLE IN THE CASING. THE SQUEEZE WORK WAS PERFORMED ON 7/12/2010.

THIS OPERATION WAS DISCUSSED BY PHONE BETWEEN ANDY LYTLE (KERR-MCGEE) AND RYAN ANGUS (BLM) ON 7/14/2010.

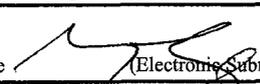
ATTACHED IS THE SUGGESTED CMT PROCEDURE FOR THIS OPERATION.

ACTUAL WORK IS NOTED IN THE DAILY CHRONOLOGICAL WELL HISTORY AND WILL BE SUBMITTED WITH THE WELL COMPLETION REPORT.

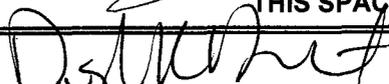
14. I hereby certify that the foregoing is true and correct.

COPY SENT TO OPERATOR

Electronic Submission #89573 verified by the BLM Well Information System For KERR-MCGEE OIL&GAS ONSHORE, LP, sent to the Vernal

Name (Printed/Typed) ANDY LYTLE	Title REGULATORY ANALYST	Date: <u>8.25.2010</u>
Signature  (Electronic Submission)	Date 07/14/2010	Initials: <u>KS</u>

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By 	Title <u>Pet. Eng.</u>	Date <u>8/16/10</u>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office <u>Dogm</u>	Federal Approval Of This Action Is Necessary

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.

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

JUL 20 2010

Suggested CMT procedure for Bonanza 1023-8J1S

1. P/U Weatherford 32a, 4.5" PKR & RIH on 2 3/8" tbg. Set PKR @ 900'.
2. MIRU Propetro. Est inj rate and Lead cmt w/ 10 bbls fresh water. Mix & pmp 200 sks (57 bbls) thixotropic cmt 14.2#, 1.6 yeild. Displace w/ 5.5 bbls fresh wtr. Est cmt top @ 1028'.
3. if no psi. begin hesitation. Total 3.5 bbls cmt in csg. If psi is reached @ 500#, shut well in for cmt cure.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU 37355
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: Bonanza 1023-8J1S
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047504960000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1580 FSL 2227 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 08 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 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: 7/21/2010	<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:

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

THE SUBJECT WELL WAS PLACED ON PRODUCTION ON JULY 21, 2010 AT 9:00 A.M. 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
 July 21, 2010

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 7/21/2010	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU37355

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator **KERR-MCGEE OIL&GAS ONSHORE** Contact: **GINA T BECKER**
 Email: **GINA.BECKER@ANADARKO.COM**

8. Lease Name and Well No.
BONANZA 1023-8J1S

3. Address **P.O. BOX 173779 DENVER, CO 80217** 3a. Phone No. (include area code)
 Ph: **720-929-6086**

9. API Well No.
43-047-50496

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **NWSE 1580FSL 2227FEL 39.96063 N Lat, 109.34856 W Lon**
 At top prod interval reported below **NWSE 2312FSL 1679FEL**
 At total depth **NWSE 2308FSL 1646FEL**

10. Field and Pool, or Exploratory
NATURAL BUTTES

11. Sec., T., R., M., or Block and Survey
or Area **Sec 8 T10S R23E Mer SLB**

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

14. Date Spudded **02/17/2010** 15. Date T.D. Reached **05/05/2010** 16. Date Completed
 D & A Ready to Prod. **07/21/2010**

17. Elevations (DF, KB, RT, GL)*
5332 GL

18. Total Depth: MD **8458** TVD **8293** 19. Plug Back T.D.: MD **8384** TVD **8219** 20. Depth Bridge Plug Set: MD
 TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
BHV/SD/DSN/ACTR/CBL

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

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20.000	14.000 STEEL	36.7		40		28			
11.000	8.625 IJ-55	28.0		2012		575			
7.875	4.500 I-80	11.6		8427		1470			

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	8020							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	5824	5892	5824 TO 5892	0.360	21	OPEN
B) MESAVERDE	6874	8388	6874 TO 8388	0.360	129	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
5824 TO 5892	PUMP 708 BBLs SLICK H2O & 30,300 LBS 30/50 SAND.
6874 TO 8388	PUMP 7,800 BBLs SLICK H2O & 295,194 LBS 30/50 SAND.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/21/2010	07/29/2010	24	→	20.0	2611.0	400.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
18/64	SI 1700	2250.0	→	20	2611	400		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		→						

RECEIVED

(See Instructions and spaces for additional data on reverse side)
 ELECTRONIC SUBMISSION #91928 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
 ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

SEP 09 2010

28b. Production - Interval C

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

28c. Production - Interval D

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

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

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	1117				
BIRD'S NEST	1340				
MAHOGANY	1853				
WASATCH	4235	6196			
MESAVERDE	6196	8458	TD		

32. Additional remarks (include plugging procedure):

SURFACE CSG CEMENT WAS TOPPED OUT WITH REDIMIX.

FOUND A HOLE IN CSG @ 1228'. RAN CALIPER LOG. SQUEEZED HOLE IN CSG WITH CEMENT. RAN 4 1/2" CSG PATCH, SET ACROSS HOLE @ 1228', TOP OF PATCH @ 1220' & BOTTOM OF PATCH @ 1240. SEE COMPLETION CHRONO FOR ADDITIONAL DETAILS.

CHRONO DRILLING AND COMPLETION HISTORY AND DIRECTIONAL SURVEY ATTACHED.

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 #91928 Verified by the BLM Well Information System.
For KERR-MCGEE OIL&GAS ONSHORE,L.P. sent to the Vernal**

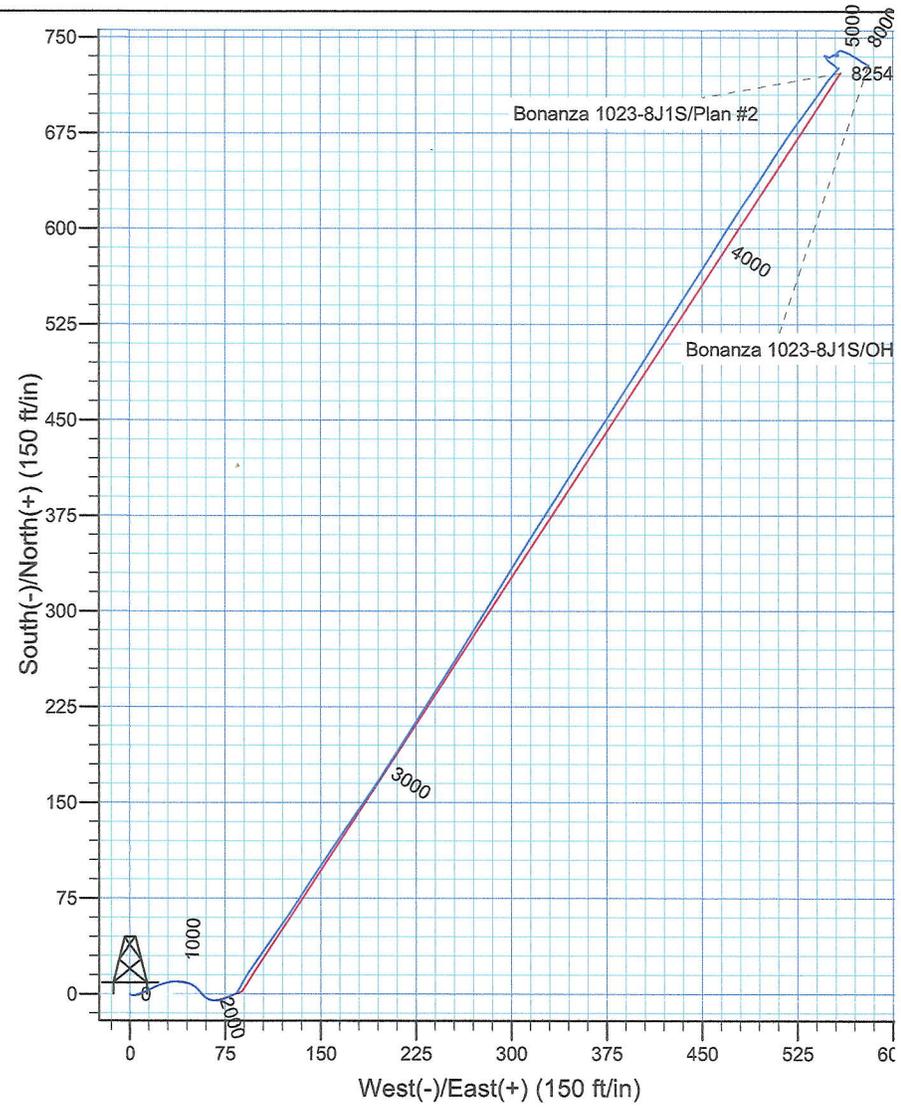
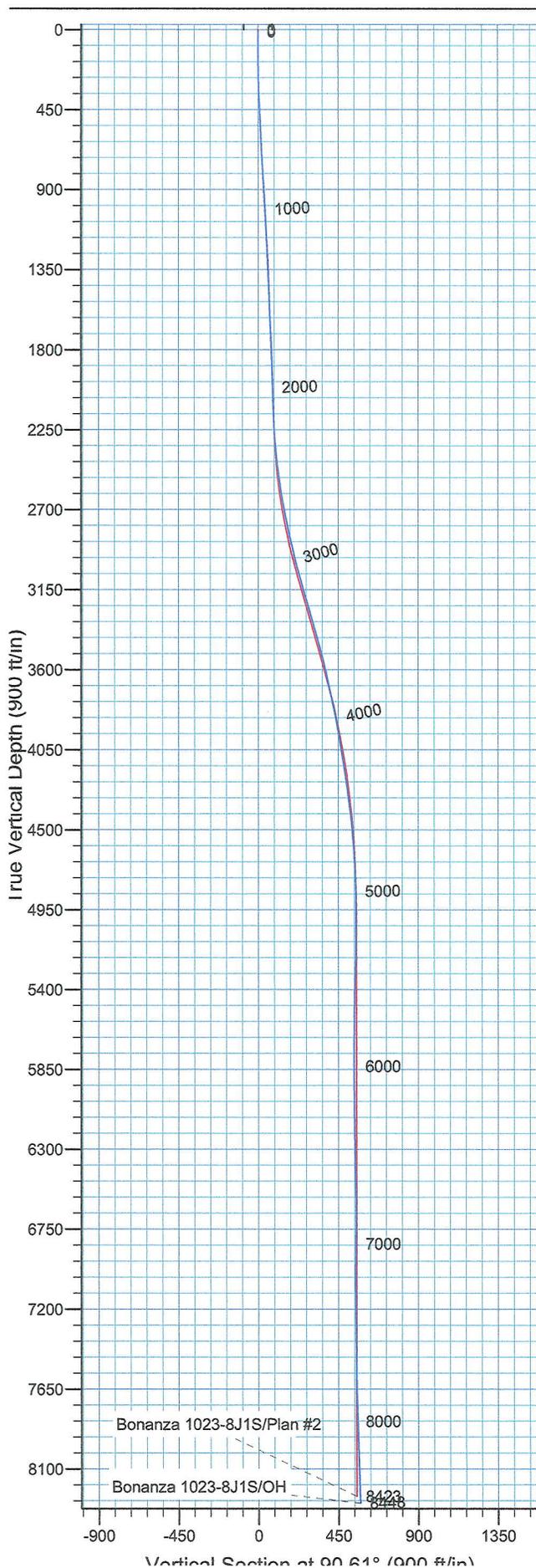
Name (please print) GINA T BECKER

Title REGULATORY ANALYST II

Signature  (Electronic Submission)

Date 08/26/2010

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WELL DETAILS: Bonanza 1023-8J1S

Ground Level: 5331' & RKB 14' @ 5345.00ft (Ensign 139)
 +N/-S +E/-W Northing Easting Latitude Longitude
 0.00 0.00 14515990.76 2103194.16 39° 57' 38.250 N 109° 20' 54.802 W

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Bonanza 1023-8J1S, True North
 Vertical (TVD) Reference: GL 5331' & RKB 14' @ 5345.00ft (Ensign 13)
 Section (VS) Reference: Slot - (0.00N, 0.00E)
 Measured Depth Reference: GL 5331' & RKB 14' @ 5345.00ft (Ensign 13)
 Calculation Method: Minimum Curvature
 Local North: True
 Location: Sec 8 T10S R23E

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)

Design: OH (Bonanza 1023-8J1S/OH)

Created By: Rex Hall Date: 2010-06-25



Scientific Drilling
Rocky Mountain Operations

Kerr McGee Oil and Gas Onshore LP

Uintah County, UT UTM12

Bonanza 1023-8J Pad

Bonanza 1023-8J1S

OH

Design: OH

Standard Survey Report

25 June, 2010

Anadarko 
Petroleum Corporation

Company: Kerr McGee Oil and Gas Onshore LP
Project: Uintah County, UT UTM12
Site: Bonanza 1023-8J Pad
Well: Bonanza 1023-8J1S
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Bonanza 1023-8J1S
TVD Reference: GL 5331' & RKB 14' @ 5345.00ft (Ensign 139)
MD Reference: GL 5331' & RKB 14' @ 5345.00ft (Ensign 139)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Multi-User Db

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

Site	Bonanza 1023-8J Pad, Sec 8 T10S R23E				
Site Position:	Northing:	14,515,990.76 ft	Latitude:	39° 57' 38.250 N	
From:	Lat/Long	Easting:	2,103,194.16 ft	Longitude:	109° 20' 54.802 W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	1.06 °

Well	Bonanza 1023-8J1S, 1580' FSL & 2227' FEL					
Well Position	+N/-S	0.00 ft	Northing:	14,515,990.76 ft	Latitude:	39° 57' 38.250 N
	+E/-W	0.00 ft	Easting:	2,103,194.16 ft	Longitude:	109° 20' 54.802 W
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,331.00 ft	

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2009/12/31	11.17	65.91	52,501

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	10.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	10.00	0.00	0.00	90.61	

Survey Program	Date	2010/06/25			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
158.00	1,978.00	Survey #1 - Surface (OH)	MWD SDI	MWD - Standard ver 1.0.1	
2,070.00	8,458.00	Survey #2 - Production MWD (OH)	MWD SDI	MWD - Standard ver 1.0.1	

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)	
10.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	
158.00	0.44	153.00	158.00	-0.51	0.26	0.26	0.30	0.30	0.00	
First SDI Surface MWD Survey										
248.00	1.25	98.90	247.99	-0.97	1.38	1.40	1.17	0.90	-60.11	
338.00	1.91	88.68	337.95	-1.08	3.85	3.87	0.79	0.73	-11.36	
428.00	2.55	72.24	427.89	-0.44	7.26	7.26	1.00	0.71	-18.27	
518.00	3.15	63.60	517.78	1.27	11.38	11.37	0.82	0.67	-9.60	
608.00	3.16	63.82	607.64	3.47	15.82	15.78	0.02	0.01	0.24	
698.00	3.38	64.50	697.49	5.70	20.44	20.38	0.25	0.24	0.76	
788.00	3.24	71.76	787.34	7.64	25.25	25.17	0.49	-0.16	8.07	
878.00	3.71	78.47	877.18	9.02	30.52	30.42	0.69	0.52	7.46	
968.00	3.47	88.24	967.00	9.68	36.10	35.99	0.73	-0.27	10.86	

Company: Kerr McGee Oil and Gas Onshore LP
Project: Uintah County, UT UTM12
Site: Bonanza 1023-8J Pad
Well: Bonanza 1023-8J1S
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Bonanza 1023-8J1S
TVD Reference: GL 5331' & RKB 14' @ 5345.00ft (Ensign 139)
MD Reference: GL 5331' & RKB 14' @ 5345.00ft (Ensign 139)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Multi-User Db

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)
1,058.00	3.39	98.85	1,056.84	9.36	41.45	41.35	0.71	-0.09	11.79
1,148.00	3.95	108.75	1,146.66	7.95	47.01	46.93	0.94	0.62	11.00
1,238.00	2.85	130.19	1,236.50	5.51	51.66	51.60	1.85	-1.22	23.82
1,328.00	3.21	140.91	1,326.38	2.11	54.96	54.93	0.74	0.40	11.91
1,418.00	2.66	134.87	1,416.26	-1.32	58.03	58.04	0.70	-0.61	-6.71
1,508.00	2.59	119.36	1,506.16	-3.79	61.28	61.32	0.79	-0.08	-17.23
1,598.00	2.65	96.47	1,596.07	-5.02	65.12	65.17	1.16	0.07	-25.43
1,688.00	2.46	83.96	1,685.98	-5.05	69.11	69.16	0.65	-0.21	-13.90
1,778.00	2.39	70.39	1,775.90	-4.22	72.80	72.84	0.64	-0.08	-15.08
1,868.00	2.68	64.40	1,865.82	-2.68	76.46	76.48	0.44	0.32	-6.66
1,978.00	2.29	71.37	1,975.71	-0.86	80.86	80.87	0.45	-0.35	6.34
Last SDI Surface MWD Survey									
2,070.00	1.85	54.61	2,067.65	0.58	83.81	83.80	0.81	-0.48	-18.22
First SDI Production MWD Survey									
2,160.00	3.69	23.85	2,157.55	4.07	86.17	86.12	2.56	2.04	-34.18
2,251.00	6.24	30.27	2,248.20	11.02	89.85	89.72	2.86	2.80	7.05
2,341.00	8.79	35.01	2,337.42	20.88	96.26	96.03	2.91	2.83	5.27
2,432.00	11.61	34.22	2,426.97	34.15	105.40	105.03	3.10	3.10	-0.87
2,522.00	14.16	35.80	2,514.70	50.57	116.93	116.39	2.86	2.83	1.76
2,612.00	16.62	33.61	2,601.47	70.22	130.50	129.74	2.81	2.73	-2.43
2,704.00	18.91	32.64	2,689.07	93.74	145.83	144.82	2.51	2.49	-1.05
2,794.00	20.40	34.05	2,773.83	119.02	162.48	161.19	1.74	1.66	1.57
2,885.00	22.25	35.37	2,858.60	146.21	181.33	179.76	2.10	2.03	1.45
2,975.00	23.65	32.55	2,941.47	175.32	200.91	199.02	1.98	1.56	-3.13
3,066.00	26.47	32.20	3,023.90	207.87	221.54	219.31	3.10	3.10	-0.38
3,157.00	28.93	32.90	3,104.46	243.52	244.31	241.69	2.73	2.70	0.77
3,247.00	30.16	31.76	3,182.76	281.02	268.03	265.01	1.50	1.37	-1.27
3,338.00	29.46	31.67	3,261.72	319.51	291.81	288.38	0.77	-0.77	-0.10
3,429.00	28.58	31.85	3,341.29	357.04	315.05	311.21	0.97	-0.97	0.20
3,519.00	26.29	32.82	3,421.16	392.08	337.21	333.00	2.59	-2.54	1.08
3,610.00	24.97	32.20	3,503.21	425.27	358.37	353.81	1.48	-1.45	-0.68
3,700.00	25.24	33.70	3,584.71	457.31	379.14	374.23	0.77	0.30	1.67
3,791.00	21.98	32.20	3,668.08	487.87	398.99	393.75	3.64	-3.58	-1.65
3,882.00	21.72	32.46	3,752.54	516.49	417.10	411.56	0.30	-0.29	0.29
3,972.00	21.54	33.08	3,836.20	544.38	435.06	429.21	0.32	-0.20	0.69
4,063.00	19.61	32.46	3,921.40	571.27	452.37	446.24	2.13	-2.12	-0.68
4,153.00	17.32	31.76	4,006.76	595.41	467.53	461.14	2.56	-2.54	-0.78
4,244.00	17.23	33.78	4,093.65	618.13	482.15	475.52	0.67	-0.10	2.22
4,335.00	15.48	33.34	4,180.97	639.48	496.32	489.46	1.93	-1.92	-0.48
4,425.00	14.42	32.82	4,267.92	658.93	509.00	501.93	1.19	-1.18	-0.58
4,516.00	12.31	35.19	4,356.45	676.38	520.73	513.47	2.40	-2.32	2.60
4,606.00	10.46	37.03	4,444.68	690.74	531.18	523.77	2.09	-2.06	2.04
4,697.00	8.44	35.28	4,534.44	702.79	540.01	532.47	2.24	-2.22	-1.92
4,787.00	7.03	35.01	4,623.62	712.69	546.99	539.34	1.57	-1.57	-0.30
4,878.00	5.10	41.34	4,714.10	720.29	552.86	545.13	2.24	-2.12	6.96
4,968.00	2.02	37.83	4,803.92	724.55	556.47	548.70	3.43	-3.42	-3.90
5,059.00	0.26	31.41	4,894.90	725.99	557.56	549.77	1.94	-1.93	-7.05
5,149.00	0.18	92.23	4,984.90	726.16	557.81	550.02	0.26	-0.09	67.58
5,240.00	0.35	275.31	5,075.90	726.18	557.68	549.89	0.58	0.19	-194.42
5,330.00	0.53	236.72	5,165.89	725.98	557.06	549.27	0.37	0.20	-42.88
5,421.00	1.67	318.11	5,256.88	726.74	555.82	548.02	1.84	1.25	89.44
5,512.00	1.67	309.41	5,347.84	728.56	553.91	546.09	0.28	0.00	-9.56
5,602.00	1.58	295.96	5,437.80	729.94	551.78	543.95	0.43	-0.10	-14.94
5,693.00	1.23	321.27	5,528.78	731.25	550.04	542.19	0.77	-0.38	27.81

Company: Kerr McGee Oil and Gas Onshore LP
Project: Uintah County, UT UTM12
Site: Bonanza 1023-8J Pad
Well: Bonanza 1023-8J1S
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Bonanza 1023-8J1S
TVD Reference: GL 5331' & RKB 14' @ 5345.00ft (Ensign 139)
MD Reference: GL 5331' & RKB 14' @ 5345.00ft (Ensign 139)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Multi-User Db

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)
5,783.00	1.23	322.42	5,618.76	732.77	548.85	540.98	0.03	0.00	1.28
5,874.00	0.97	321.98	5,709.74	734.15	547.78	539.90	0.29	-0.29	-0.48
5,964.00	1.06	317.14	5,799.73	735.36	546.74	538.85	0.14	0.10	-5.38
6,055.00	0.79	105.94	5,890.72	735.81	546.77	538.88	1.96	-0.30	163.52
6,145.00	0.88	114.38	5,980.71	735.35	548.00	540.11	0.17	0.10	9.38
6,236.00	0.97	120.71	6,071.70	734.67	549.30	541.41	0.15	0.10	6.96
6,327.00	0.88	65.95	6,162.69	734.56	550.60	542.72	0.94	-0.10	-60.18
6,417.00	1.14	53.56	6,252.68	735.37	551.95	544.06	0.38	0.29	-13.77
6,508.00	0.88	68.15	6,343.66	736.17	553.33	545.43	0.40	-0.29	16.03
6,598.00	0.97	67.80	6,433.65	736.72	554.67	546.77	0.10	0.10	-0.39
6,689.00	0.79	97.59	6,524.64	736.92	556.01	548.10	0.53	-0.20	32.74
6,780.00	0.44	96.62	6,615.63	736.80	556.98	549.07	0.38	-0.38	-1.07
6,870.00	0.44	179.95	6,705.63	736.42	557.32	549.42	0.65	0.00	92.59
6,961.00	0.44	219.58	6,796.63	735.80	557.10	549.20	0.33	0.00	43.55
7,051.00	0.62	280.49	6,886.63	735.62	556.40	548.51	0.62	0.20	67.68
7,142.00	0.62	252.72	6,977.62	735.56	555.44	547.55	0.33	0.00	-30.52
7,232.00	0.35	23.94	7,067.62	735.67	555.09	547.20	0.99	-0.30	145.80
7,323.00	0.88	37.03	7,158.61	736.48	555.62	547.72	0.60	0.58	14.38
7,414.00	1.06	34.06	7,249.60	737.74	556.52	548.60	0.21	0.20	-3.26
7,504.00	0.79	39.06	7,339.59	738.91	557.37	549.45	0.31	-0.30	5.56
7,595.00	0.79	71.84	7,430.58	739.59	558.37	550.43	0.49	0.00	36.02
7,685.00	1.06	103.92	7,520.57	739.58	559.76	551.83	0.64	0.30	35.64
7,776.00	1.32	104.27	7,611.55	739.12	561.60	553.67	0.29	0.29	0.38
7,867.00	1.76	118.77	7,702.52	738.19	563.84	555.92	0.64	0.48	15.93
7,957.00	1.85	115.08	7,792.47	736.91	566.36	558.46	0.16	0.10	-4.10
8,048.00	1.85	120.88	7,883.43	735.53	568.96	561.06	0.21	0.00	6.37
8,138.00	1.58	120.44	7,973.39	734.16	571.27	563.39	0.30	-0.30	-0.49
8,229.00	1.85	125.28	8,064.34	732.68	573.55	565.69	0.34	0.30	5.32
8,319.00	2.20	121.67	8,154.29	730.93	576.21	568.36	0.41	0.39	-4.01
8,393.00	2.37	118.33	8,228.23	729.46	578.76	570.94	0.29	0.23	-4.51
Last SDI Production MWD Survey									
8,458.00	2.37	118.33	8,293.17	728.18	581.13	573.31	0.00	0.00	0.00
Projection To TD									

Targets

Target Name

- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
B 1023-8J1S PBHL	0.00	0.00	8,254.00	722.26	559.16	14,516,723.25	2,103,739.85	39° 57' 45.389 N	109° 20' 47.620 W
- actual wellpath misses target center by 33.17ft at 8393.00ft MD (8228.23 TVD, 729.46 N, 578.76 E)									
- Circle (radius 25.00)									

Checked By: _____ Approved By: _____ Date: _____



Scientific Drilling
Rocky Mountain Operations

Kerr McGee Oil and Gas Onshore LP

Uintah County, UT UTM12
Bonanza 1023-8J Pad
Bonanza 1023-8J1S
OH

Design: OH

Survey Report - Geographic

25 June, 2010

Anadarko 
Petroleum Corporation

Company: Kerr McGee Oil and Gas Onshore LP
Project: Uintah County, UT UTM12
Site: Bonanza 1023-8J Pad
Well: Bonanza 1023-8J1S
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Bonanza 1023-8J1S
TVD Reference: GL 5331' & RKB 14' @ 5345.00ft (Ensign 139)
MD Reference: GL 5331' & RKB 14' @ 5345.00ft (Ensign 139)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Multi-User Db

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

Site	Bonanza 1023-8J Pad, Sec 8 T10S R23E				
Site Position:	Northing:	14,515,990.76 ft	Latitude:	39° 57' 38.250 N	
From: Lat/Long	Easting:	2,103,194.16 ft	Longitude:	109° 20' 54.802 W	
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	1.06 °

Well	Bonanza 1023-8J1S, 1580' FSL & 2227' FEL					
Well Position	+N/-S	0.00 ft	Northing:	14,515,990.76 ft	Latitude:	39° 57' 38.250 N
	+E/-W	0.00 ft	Easting:	2,103,194.16 ft	Longitude:	109° 20' 54.802 W
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,331.00 ft	

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2009/12/31	11.17	65.91	52,501

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	10.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	10.00	0.00	0.00	90.61	

Survey Program	Date	2010/06/25			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
158.00	1,978.00	Survey #1 - Surface (OH)	MWD SDI	MWD - Standard ver 1.0.1	
2,070.00	8,458.00	Survey #2 - Production MWD (OH)	MWD SDI	MWD - Standard ver 1.0.1	

Company: Kerr McGee Oil and Gas Onshore LP
Project: Uintah County, UT UTM12
Site: Bonanza 1023-8J Pad
Well: Bonanza 1023-8J1S
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Bonanza 1023-8J1S
TVD Reference: GL 5331' & RKB 14' @ 5345.00ft (Ensign 139)
MD Reference: GL 5331' & RKB 14' @ 5345.00ft (Ensign 139)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Multi-User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
10.00	0.00	0.00	10.00	0.00	0.00	14,515,990.76	2,103,194.16	39° 57' 38.250 N	109° 20' 54.802 W
158.00	0.44	153.00	158.00	-0.51	0.26	14,515,990.26	2,103,194.43	39° 57' 38.245 N	109° 20' 54.798 W
First SDI Surface MWD Survey									
248.00	1.25	98.90	247.99	-0.97	1.38	14,515,989.82	2,103,195.56	39° 57' 38.240 N	109° 20' 54.784 W
338.00	1.91	88.68	337.95	-1.08	3.85	14,515,989.75	2,103,198.03	39° 57' 38.239 N	109° 20' 54.752 W
428.00	2.55	72.24	427.89	-0.44	7.26	14,515,990.46	2,103,201.43	39° 57' 38.246 N	109° 20' 54.708 W
518.00	3.15	63.60	517.78	1.27	11.38	14,515,992.24	2,103,205.51	39° 57' 38.263 N	109° 20' 54.655 W
608.00	3.16	63.82	607.64	3.47	15.82	14,515,994.52	2,103,209.91	39° 57' 38.284 N	109° 20' 54.598 W
698.00	3.38	64.50	697.49	5.70	20.44	14,515,996.84	2,103,214.49	39° 57' 38.306 N	109° 20' 54.539 W
788.00	3.24	71.76	787.34	7.64	25.25	14,515,998.87	2,103,219.27	39° 57' 38.326 N	109° 20' 54.477 W
878.00	3.71	78.47	877.18	9.02	30.52	14,516,000.34	2,103,224.51	39° 57' 38.339 N	109° 20' 54.410 W
968.00	3.47	88.24	967.00	9.68	36.10	14,516,001.11	2,103,230.07	39° 57' 38.346 N	109° 20' 54.338 W
1,058.00	3.39	98.85	1,056.84	9.36	41.45	14,516,000.89	2,103,235.43	39° 57' 38.343 N	109° 20' 54.269 W
1,148.00	3.95	108.75	1,146.66	7.95	47.01	14,515,999.58	2,103,241.02	39° 57' 38.329 N	109° 20' 54.198 W
1,238.00	2.85	130.19	1,236.50	5.51	51.66	14,515,997.23	2,103,245.71	39° 57' 38.304 N	109° 20' 54.138 W
1,328.00	3.21	140.91	1,326.38	2.11	54.96	14,515,993.89	2,103,249.07	39° 57' 38.271 N	109° 20' 54.096 W
1,418.00	2.66	134.87	1,416.26	-1.32	58.03	14,515,990.52	2,103,252.20	39° 57' 38.237 N	109° 20' 54.056 W
1,508.00	2.59	119.36	1,506.16	-3.79	61.28	14,515,988.11	2,103,255.50	39° 57' 38.213 N	109° 20' 54.015 W
1,598.00	2.65	96.47	1,596.07	-5.02	65.12	14,515,986.95	2,103,259.36	39° 57' 38.200 N	109° 20' 53.965 W
1,688.00	2.46	83.96	1,685.98	-5.05	69.11	14,515,986.99	2,103,263.35	39° 57' 38.200 N	109° 20' 53.914 W
1,778.00	2.39	70.39	1,775.90	-4.22	72.80	14,515,987.89	2,103,267.02	39° 57' 38.208 N	109° 20' 53.867 W
1,868.00	2.68	64.40	1,865.82	-2.68	76.46	14,515,989.50	2,103,270.65	39° 57' 38.224 N	109° 20' 53.820 W
1,978.00	2.29	71.37	1,975.71	-0.86	80.86	14,515,991.40	2,103,275.02	39° 57' 38.241 N	109° 20' 53.763 W
Last SDI Surface MWD Survey									
2,070.00	1.85	54.61	2,067.65	0.58	83.81	14,515,992.90	2,103,277.95	39° 57' 38.256 N	109° 20' 53.725 W
First SDI Production MWD Survey									
2,160.00	3.69	23.85	2,157.55	4.07	86.17	14,515,996.43	2,103,280.24	39° 57' 38.290 N	109° 20' 53.695 W
2,251.00	6.24	30.27	2,248.20	11.02	89.85	14,516,003.45	2,103,283.79	39° 57' 38.359 N	109° 20' 53.648 W
2,341.00	8.79	35.01	2,337.42	20.88	96.26	14,516,013.42	2,103,290.01	39° 57' 38.456 N	109° 20' 53.565 W
2,432.00	11.61	34.22	2,426.97	34.15	105.40	14,516,026.86	2,103,298.91	39° 57' 38.588 N	109° 20' 53.448 W
2,522.00	14.16	35.80	2,514.70	50.57	116.93	14,516,043.49	2,103,310.14	39° 57' 38.750 N	109° 20' 53.300 W
2,612.00	16.62	33.61	2,601.47	70.22	130.50	14,516,063.39	2,103,323.34	39° 57' 38.944 N	109° 20' 53.125 W
2,704.00	18.91	32.64	2,689.07	93.74	145.83	14,516,087.18	2,103,338.22	39° 57' 39.177 N	109° 20' 52.929 W
2,794.00	20.40	34.05	2,773.83	119.02	162.48	14,516,112.77	2,103,354.40	39° 57' 39.426 N	109° 20' 52.715 W
2,885.00	22.25	35.37	2,858.60	146.21	181.33	14,516,140.30	2,103,372.75	39° 57' 39.695 N	109° 20' 52.473 W
2,975.00	23.65	32.55	2,941.47	175.32	200.91	14,516,169.77	2,103,391.79	39° 57' 39.983 N	109° 20' 52.221 W
3,066.00	26.47	32.20	3,023.90	207.87	221.54	14,516,202.70	2,103,411.81	39° 57' 40.305 N	109° 20' 51.956 W
3,157.00	28.93	32.90	3,104.46	243.52	244.31	14,516,238.76	2,103,433.91	39° 57' 40.657 N	109° 20' 51.664 W
3,247.00	30.16	31.76	3,182.76	281.02	268.03	14,516,276.70	2,103,456.94	39° 57' 41.028 N	109° 20' 51.359 W
3,338.00	29.46	31.67	3,261.72	319.51	291.81	14,516,315.62	2,103,480.00	39° 57' 41.408 N	109° 20' 51.054 W
3,429.00	28.58	31.85	3,341.29	357.04	315.05	14,516,353.57	2,103,502.54	39° 57' 41.779 N	109° 20' 50.755 W
3,519.00	26.29	32.82	3,421.16	392.08	337.21	14,516,389.02	2,103,524.05	39° 57' 42.125 N	109° 20' 50.470 W
3,610.00	24.97	32.20	3,503.21	425.27	358.37	14,516,422.60	2,103,544.59	39° 57' 42.453 N	109° 20' 50.199 W
3,700.00	25.24	33.70	3,584.71	457.31	379.14	14,516,455.01	2,103,564.77	39° 57' 42.770 N	109° 20' 49.932 W
3,791.00	21.98	32.20	3,668.08	487.87	398.99	14,516,485.94	2,103,584.04	39° 57' 43.072 N	109° 20' 49.677 W
3,882.00	21.72	32.46	3,752.54	516.49	417.10	14,516,514.88	2,103,601.62	39° 57' 43.355 N	109° 20' 49.444 W
3,972.00	21.54	33.08	3,836.20	544.38	435.06	14,516,543.11	2,103,619.06	39° 57' 43.631 N	109° 20' 49.214 W
4,063.00	19.61	32.46	3,921.40	571.27	452.37	14,516,570.31	2,103,635.87	39° 57' 43.896 N	109° 20' 48.991 W
4,153.00	17.32	31.76	4,006.76	595.41	467.53	14,516,594.72	2,103,650.58	39° 57' 44.135 N	109° 20' 48.797 W
4,244.00	17.23	33.78	4,093.65	618.13	482.15	14,516,617.71	2,103,664.78	39° 57' 44.360 N	109° 20' 48.609 W
4,335.00	15.48	33.34	4,180.97	639.48	496.32	14,516,639.32	2,103,678.56	39° 57' 44.571 N	109° 20' 48.427 W
4,425.00	14.42	32.82	4,267.92	658.93	509.00	14,516,659.00	2,103,690.87	39° 57' 44.763 N	109° 20' 48.264 W
4,516.00	12.31	35.19	4,356.45	676.38	520.73	14,516,676.67	2,103,702.28	39° 57' 44.935 N	109° 20' 48.113 W
4,606.00	10.46	37.03	4,444.68	690.74	531.18	14,516,691.22	2,103,712.46	39° 57' 45.077 N	109° 20' 47.979 W
4,697.00	8.44	35.28	4,534.44	702.79	540.01	14,516,703.43	2,103,721.07	39° 57' 45.196 N	109° 20' 47.866 W

Company: Kerr McGee Oil and Gas Onshore LP
Project: Uintah County, UT UTM12
Site: Bonanza 1023-8J Pad
Well: Bonanza 1023-8J1S
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Bonanza 1023-8J1S
TVD Reference: GL 5331' & RKB 14' @ 5345.00ft (Ensign 139)
MD Reference: GL 5331' & RKB 14' @ 5345.00ft (Ensign 139)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Multi-User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
4,787.00	7.03	35.01	4,623.62	712.69	546.99	14,516,713.46	2,103,727.86	39° 57' 45.294 N	109° 20' 47.776 W
4,878.00	5.10	41.34	4,714.10	720.29	552.86	14,516,721.17	2,103,733.58	39° 57' 45.369 N	109° 20' 47.701 W
4,968.00	2.02	37.83	4,803.92	724.55	556.47	14,516,725.49	2,103,737.12	39° 57' 45.411 N	109° 20' 47.654 W
5,059.00	0.26	31.41	4,894.90	725.99	557.56	14,516,726.95	2,103,738.18	39° 57' 45.426 N	109° 20' 47.640 W
5,149.00	0.18	92.23	4,984.90	726.16	557.81	14,516,727.13	2,103,738.43	39° 57' 45.427 N	109° 20' 47.637 W
5,240.00	0.35	275.31	5,075.90	726.18	557.68	14,516,727.14	2,103,738.29	39° 57' 45.428 N	109° 20' 47.639 W
5,330.00	0.53	236.72	5,165.89	725.98	557.06	14,516,726.93	2,103,737.68	39° 57' 45.426 N	109° 20' 47.647 W
5,421.00	1.67	318.11	5,256.88	726.74	555.82	14,516,727.66	2,103,736.42	39° 57' 45.433 N	109° 20' 47.663 W
5,512.00	1.67	309.41	5,347.84	728.56	553.91	14,516,729.46	2,103,734.48	39° 57' 45.451 N	109° 20' 47.687 W
5,602.00	1.58	295.96	5,437.80	729.94	551.78	14,516,730.79	2,103,732.33	39° 57' 45.465 N	109° 20' 47.714 W
5,693.00	1.23	321.27	5,528.78	731.25	550.04	14,516,732.07	2,103,730.56	39° 57' 45.478 N	109° 20' 47.737 W
5,783.00	1.23	322.42	5,618.76	732.77	548.85	14,516,733.57	2,103,729.34	39° 57' 45.493 N	109° 20' 47.752 W
5,874.00	0.97	321.98	5,709.74	734.15	547.78	14,516,734.93	2,103,728.25	39° 57' 45.506 N	109° 20' 47.766 W
5,964.00	1.06	317.14	5,799.73	735.36	546.74	14,516,736.12	2,103,727.19	39° 57' 45.518 N	109° 20' 47.779 W
6,055.00	0.79	105.94	5,890.72	735.81	546.77	14,516,736.56	2,103,727.21	39° 57' 45.523 N	109° 20' 47.779 W
6,145.00	0.88	114.38	5,980.71	735.35	548.00	14,516,736.13	2,103,728.45	39° 57' 45.518 N	109° 20' 47.763 W
6,236.00	0.97	120.71	6,071.70	734.67	549.30	14,516,735.47	2,103,729.76	39° 57' 45.511 N	109° 20' 47.746 W
6,327.00	0.88	65.95	6,162.69	734.56	550.60	14,516,735.39	2,103,731.06	39° 57' 45.510 N	109° 20' 47.730 W
6,417.00	1.14	53.56	6,252.68	735.37	551.95	14,516,736.23	2,103,732.40	39° 57' 45.518 N	109° 20' 47.712 W
6,508.00	0.88	68.15	6,343.66	736.17	553.33	14,516,737.05	2,103,733.76	39° 57' 45.526 N	109° 20' 47.695 W
6,598.00	0.97	67.80	6,433.65	736.72	554.67	14,516,737.62	2,103,735.09	39° 57' 45.532 N	109° 20' 47.677 W
6,689.00	0.79	97.59	6,524.64	736.92	556.01	14,516,737.85	2,103,736.43	39° 57' 45.534 N	109° 20' 47.660 W
6,780.00	0.44	96.62	6,615.63	736.80	556.98	14,516,737.75	2,103,737.40	39° 57' 45.533 N	109° 20' 47.648 W
6,870.00	0.44	179.95	6,705.63	736.42	557.32	14,516,737.37	2,103,737.75	39° 57' 45.529 N	109° 20' 47.643 W
6,961.00	0.44	219.58	6,796.63	735.80	557.10	14,516,736.75	2,103,737.54	39° 57' 45.523 N	109° 20' 47.646 W
7,051.00	0.62	280.49	6,886.63	735.62	556.40	14,516,736.56	2,103,736.84	39° 57' 45.521 N	109° 20' 47.655 W
7,142.00	0.62	252.72	6,977.62	735.56	555.44	14,516,736.48	2,103,735.89	39° 57' 45.520 N	109° 20' 47.667 W
7,232.00	0.35	23.94	7,067.62	735.67	555.09	14,516,736.58	2,103,735.53	39° 57' 45.521 N	109° 20' 47.672 W
7,323.00	0.88	37.03	7,158.61	736.48	555.62	14,516,737.40	2,103,736.05	39° 57' 45.529 N	109° 20' 47.665 W
7,414.00	1.06	34.06	7,249.60	737.74	556.52	14,516,738.68	2,103,736.92	39° 57' 45.542 N	109° 20' 47.654 W
7,504.00	0.79	39.06	7,339.59	738.91	557.37	14,516,739.86	2,103,737.75	39° 57' 45.553 N	109° 20' 47.643 W
7,595.00	0.79	71.84	7,430.58	739.59	558.37	14,516,740.56	2,103,738.73	39° 57' 45.560 N	109° 20' 47.630 W
7,685.00	1.06	103.92	7,520.57	739.58	559.76	14,516,740.58	2,103,740.13	39° 57' 45.560 N	109° 20' 47.612 W
7,776.00	1.32	104.27	7,611.55	739.12	561.60	14,516,740.16	2,103,741.97	39° 57' 45.556 N	109° 20' 47.588 W
7,867.00	1.76	118.77	7,702.52	738.19	563.84	14,516,739.27	2,103,744.23	39° 57' 45.546 N	109° 20' 47.560 W
7,957.00	1.85	115.08	7,792.47	736.91	566.36	14,516,738.03	2,103,746.78	39° 57' 45.534 N	109° 20' 47.527 W
8,048.00	1.85	120.88	7,883.43	735.53	568.96	14,516,736.70	2,103,749.40	39° 57' 45.520 N	109° 20' 47.494 W
8,138.00	1.58	120.44	7,973.39	734.16	571.27	14,516,735.37	2,103,751.74	39° 57' 45.506 N	109° 20' 47.464 W
8,229.00	1.85	125.28	8,064.34	732.68	573.55	14,516,733.93	2,103,754.05	39° 57' 45.492 N	109° 20' 47.435 W
8,319.00	2.20	121.67	8,154.29	730.93	576.21	14,516,732.23	2,103,756.73	39° 57' 45.475 N	109° 20' 47.401 W
8,393.00	2.37	118.33	8,228.23	729.46	578.76	14,516,730.81	2,103,759.32	39° 57' 45.460 N	109° 20' 47.368 W
Last SDI Production MWD Survey									
8,458.00	2.37	118.33	8,293.17	728.18	581.13	14,516,729.58	2,103,761.71	39° 57' 45.447 N	109° 20' 47.337 W
Projection To TD									

Company: Kerr McGee Oil and Gas Onshore LP
Project: Uintah County, UT UTM12
Site: Bonanza 1023-8J Pad
Well: Bonanza 1023-8J1S
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Bonanza 1023-8J1S
TVD Reference: GL 5331' & RKB 14' @ 5345.00ft (Ensign 139)
MD Reference: GL 5331' & RKB 14' @ 5345.00ft (Ensign 139)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Multi-User Db

Targets

Target Name

- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
B 1023-8J1S PBHL	0.00	0.00	8,254.00	722.26	559.16	14,516,723.25	2,103,739.85	39° 57' 45.389 N	109° 20' 47.620 W
- actual wellpath misses target center by 33.17ft at 8393.00ft MD (8228.23 TVD, 729.46 N, 578.76 E)									
- Circle (radius 25.00)									

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
158.00	158.00	-0.51	0.26	First SDI Surface MWD Survey
1,978.00	1,975.71	-0.86	80.86	Last SDI Surface MWD Survey
2,070.00	2,067.65	0.58	83.81	First SDI Production MWD Survey
8,393.00	8,228.23	729.46	578.76	Last SDI Production MWD Survey
8,458.00	8,293.17	728.18	581.13	Projection To TD

Checked By: _____ Approved By: _____ Date: _____

US ROCKIES REGION
Operation Summary Report

Well: BONANZA 1023-8J1S GREEN	Spud Conductor: 2/17/2010	Spud Date: 2/19/2010
Project: UTAH-UINTAH	Site: BONANZA 1023-8J PAD	Rig Name No: ENSIGN 139/139, PROPETRO/
Event: DRILLING	Start Date: 2/16/2010	End Date: 5/7/2010
Active Datum: RKB @5,346.01ft (above Mean Sea Level)		UWI: NW/SE/0/10/S/23/E/8/0/0/6/PM/S/1,580.00/E/0/2,227.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
2/18/2010	20:00 - 0:00	4.00	DRLSUR	01	A	P		MIRU, DRESS COND,INSTALL AIR BOWL, R/U BLOOY LINE, R/U RIG,BUILD DITCHES,R/U PUMPS COMP,BOOSTER,SET DOG HOUSE,
2/19/2010	0:00 - 3:00	3.00	DRLSUR	06	A	P		P/U BIT # 1 SERIAL # 7018431 1ST RUN, MUD MTR, SERIAL # 8019
	3:00 - 8:00	5.00	DRLSUR	08	A	Z		WAIT ON MECHANIC AND REPAIR FUEL PUMP
	8:00 - 9:00	1.00	DRLSUR	02	B	P		SPUD 11" HOLE 2-19-2010 @ 0800 HRS DRL F/ 44' TO 150'
	9:00 - 10:30	1.50	DRLSUR	06	A	P		L/D 6" P/U MWD TOOLS
	10:30 - 13:00	2.50	DRLSUR	02	D	P		DRL W/ MWD F/ 150' TO 480'=330'=132' HR WOB=22,ROT=50,MTR=104,PP ON=1300,OFF=1100,UP/DWN/ROT=50/50/50, GPM=650
	13:00 - 17:00	4.00	DRLSUR	08	A	Z		WAIT ON MECHANIC AND REPAIR FUEL PUMP (NEW FUEL PUMP ON ITS WAY)
	17:00 - 0:00	7.00	DRLSUR	02	D	P		DRL W/ MWD F/ 480' TO 1290' =810'=116' HR, WOB=22,ROT=50,MTR=104,PP-ON=1300-OFF=1100,GPM=650,UP/DWN/ROT/=58/58/58
2/20/2010	0:00 - 7:00	7.00	DRLSUR	02	D	P		DRL W/ MWD F/ 1290' TO 2040'=750'-107' HR,WOB=22,ROT=55,GPM=650,PP=ON1300/OFF1100,UP/DWN/ROT/65/65/65, LOSS-1430' CIRC TO LDDS(RAISE PIT LEVEL)
	7:00 - 8:30	1.50	DRLSUR	05	C	P		LDDS,DIR TOOLS
	8:30 - 12:30	4.00	DRLSUR	06	D	P		
	12:30 - 16:30	4.00	DRLSUR	12	C	P		HELD SAFETY MTNG, RUN 45 JOINTS 8 5/8 28# J-55 CSNG SHOE @ 1997.85 BAFFLE IN THE TOP OF SHOE @1953.15 RELEASE RIG TO TH BONANZA 1023-8J3 2-20-2010 @ 16:30 HRS
16:30 - 19:30	3.00	DRLSUR	12	E	P		HELD SAFETY MTNG,PRESS TEST TO 2000 PSI,PUMP 125 BBLs H2O,PUMP 20 BBLs GEL WATER,PUMP350 SX 15.8 # 1.15 YLD 5 GAL/SK TAIL CMNT DROP PLUG ON FLY DISP W/ 119 BBLs FRESH WATER 50 PSI LIFT NO RETURNS, BUMP PLUG W / 490 PSI, TOP OUT 100 SX OF 15.8# 1.15 YLD 5 GAL SK 4% CALC CMNT, WAIT 2 HRS PUMP 125SX SAME CMNT. NO CEMENT TO SURFACE WILL TOP OUT WITH REDIMIX.	
4/29/2010	15:30 - 0:00	8.50	DRLPRO	01	E	P		R/D RIG & GET READY FOR MOVE TO 8J PAD
4/30/2010	0:00 - 7:00	7.00	DRLIN1	01	E	P		RIG DOWN GET READY FOR MOVE
	7:00 - 0:00	17.00	DRLIN1	01	A	P		START RIG MOVE TO 8J PAD - 100% MOVED & 60% RIG UP
5/1/2010	0:00 - 7:30	7.50	DRLPRO	01	B	P		R.U.R.T
	7:30 - 9:30	2.00	DRLPRO	14	A	P		N/U B.O.P'S & FLARE LINES
	9:30 - 13:30	4.00	DRLPRO	15	A	P		TEST B.O.P'S -
								BLINDS-PIPE-CHOKEMAINFOLD-2"-4" VALVES 250 LOW 5000 HIGH - ANNULAR 250 LOW -2500 HIGH - CASING 1500 PSI
	13:30 - 14:00	0.50	DRLPRO	14	B	P		SET WEAR BUSHING
	14:00 - 14:30	0.50	DRLPRO	23		P		PRE SPUD RIG INSP - SAFETY MEETING
	14:30 - 18:30	4.00	DRLPRO	06	A	P		P/U MOTOR - BIT - DIR TOOLS -BHA & D.P & TAG CEMENT @ 1890
	18:30 - 19:00	0.50	DRLPRO	07	B	P		LEVEL DERRICK & INSTALL ROT HEAD
	19:00 - 20:30	1.50	DRLPRO	02	F	P		DRILL CEMENT & F.E
	20:30 - 0:00	3.50	DRLPRO	02	D	P		DIR DRILL F/ 2040 TO 2403 - 363' @ 103.7 FPH - RPM 44 MRPM 145 - WOB 12/16 - TQ 4/7 - GPM 500 - DIFF PSI 1450 - 1050

US ROCKIES REGION
Operation Summary Report

Well: BONANZA 1023-8J1S GREEN		Spud Conductor: 2/17/2010	Spud Date: 2/19/2010
Project: UTAH-UINTAH		Site: BONANZA 1023-8J PAD	Rig Name No: ENSIGN 139/139, PROPETRO/
Event: DRILLING		Start Date: 2/16/2010	End Date: 5/7/2010
Active Datum: RKB @5,346.01ft (above Mean Sea Level)		UWI: NW/SE/0/10/S/23/E/8/0/0/6/PM/S/1,580.00/E/0/2,227.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
5/2/2010	0:00 - 15:00	15.00	DRLPRO	02	D	P		DIR DRILL F/ 2403 TO 4173 - 1770' @ 118 FPH - RPM 44 MRPM 145 - WOB 12/16 - TQ 4/8 - GPM 500 - DIFF PSI 1700 - 1400 MUD WT 8.4 PPG
	15:00 - 15:30	0.50	DRLPRO	07	A	P		SER RIG
	15:30 - 0:00	8.50	DRLPRO	02	D	P		DIR DRILL F/ 4173 TO 5131 - 958' @ 112.7 FPH - RPM 44 MRPM 145 - WOB 12/16 - TQ 4/8 - GPM 500 - DIFF PSI 1700 - 1400 - MUD WT 8.4 PPG
5/3/2010	0:00 - 14:30	14.50	DRLPRO	02	D	P		DIR DRILL F/ 5131 TO 6392 - 1261' @ 86.9 FPH - RPM 44 MRPM 145 - WOB 15/18 - TQ 9.5/6.0 - GPM 500 - DIFF PSI 2100 - 1800 - MUD WT 9.3 PPG - VIS 38
	14:30 - 15:00	0.50	DRLPRO	07	A	P		SER RIG
	15:00 - 0:00	9.00	DRLPRO	02	D	P		DIR DRILL F/ 6392 TO 7059 - 667' @ 74.1 FPH - RPM 44 MRPM 145 - WOB 15/18 - TQ 9.5/6.0 - GPM 500 - DIFF PSI 2100 - 1800 - MUD WT 10.7 PPG - VIS 38
5/4/2010	0:00 - 15:00	15.00	DRLPRO	02	D	P		DIR DRILL F/ 7059 TO 7929 - 870' @ 58.0 FPH - RPM 44 MRPM 131 - WOB 16/21 - TQ 12/8.5 - GPM 451 - DIFF PSI 2525 - 2125 - MUD WT 11.7 PPG - VIS 38
	15:00 - 15:30	0.50	DRLPRO	07	A	P		SER RIG
	15:30 - 0:00	8.50	DRLPRO	02	D	P		DIR DRILL F/ 7929 TO 8275 - 346' @ 43.25FPH - RPM 44 MRPM 131 - WOB 16/21 - TQ 12/8.5 - GPM 451 - DIFF PSI 2525 - 2125 - MUD WT 12.1 PPG - VIS 41
5/5/2010	0:00 - 4:30	4.50	DRLPRO	02	D	P		DIR DRILL F/ 8275 TO 8458 - 183' @ 40.6 FPH - RPM 44 MRPM 131 - WOB 16/21 - TQ 13/9 - GPM 451 - DIFF PSI 2525 - 2125 - MUD WT 12.1 PPG - VIS 41
	4:30 - 5:30	1.00	DRLPRO	05	A	P		CIRC BTM UP
	5:30 - 17:30	12.00	DRLPRO	06	E	P		SHORT TRIP TO SHOE - PUMPED OUT 10 STANDS W/ 100K OVER STRING - TIGHT SPOT @ 5828 & @ 4212 HAD TO BACK REAM OUT. T.O.H & T.I.H SHUT DOWN DO TO HIGH WINDS. & CONT T.I.H & TAG SPOT @ 8088
	17:30 - 18:30	1.00	DRLPRO	22	I	P		SHUT DOWN DO TO HIGH WINDS
	19:30 - 20:00	0.50	DRLPRO	03	E	P		WASH F/ 8088 TO 8458 (NO FILL)
	20:00 - 22:00	2.00	DRLPRO	05	A	P		CIRC BTM UP TWICE
	22:00 - 0:00	2.00	DRLPRO	06	B	P		T.O.H F/ LOGS - PUMPED OUT 10 STANDS W/ 85K OVER STRING WT 185K - PUMP DRY JOB
5/6/2010	0:00 - 5:00	5.00	DRLPRO	06	B	P		FINISH T.O.H F/ LOGS
	5:00 - 11:00	6.00	DRLPRO	11	D	P		HELD S/M - R/U HALLIBURTON LOGGERS & RUN TRIPLE COMBO - LOGGERS DEPTH @ 8454
	11:00 - 18:00	7.00	DRLPRO	12	C	P		HELD S/M & R/U FRANKS CASERS & RUN 200 JTS OF I-80 BT&C - #11.6 - PLUS MARKER SHOE SET @ 8442 - F/C @ 8400 -
	18:00 - 21:30	3.50	DRLPRO	22	A	X		T.I.H W/ CASING TAG SPOT 8092 RUN TOPDRIVE INTO JOINT OF CASING BENT JT L/D PICK UP JT & WAS STUCK - WORK STUCK PIPE & PUMPED 150 BBLs WATER & DISPLACED W/ MUD 247 BBLs & BRING WATER TO @ 2446 FREED PIPE
	21:30 - 22:30	1.00	DRLPRO	12	C	P		CONT. RUN CASING & P/U LAND JT
5/7/2010	22:30 - 0:00	1.50	DRLPRO	05	D	P		DISPLACED WATER OUT OF HOLE W/ MUD & CIRC BTM UP
	0:00 - 0:30	0.50	DRLPRO	05	D	P		FINSH CIRC BTM UP

US ROCKIES REGION
Operation Summary Report

Well: BONANZA 1023-8J1S GREEN		Spud Conductor: 2/17/2010	Spud Date: 2/19/2010
Project: UTAH-UINTAH		Site: BONANZA 1023-8J PAD	Rig Name No: ENSIGN 139/139, PROPETRO/
Event: DRILLING		Start Date: 2/16/2010	End Date: 5/7/2010
Active Datum: RKB @5,346.01ft (above Mean Sea Level)		UWI: NW/SE/0/10/S/23/E/8/0/0/6/PM/S/1,580.00/E/0/2,227.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	0:30 - 3:00	2.50	DRLPRO	12	E	P		HELD SAFETY MEETING W/ HALLIBURTON - & TEST LINES 5000 PSI CEMENT W/ 40 BBLs WATER AHEAD & 900 SKS LEAD @ 12.5 PPG YIELD 2.08 & F/ TAIL 570 SKS @ 14.3 YIELD 1.25 & DISPLACED W/ 130 BBLs WATER BUMP PLUG W/ 500 PSI OVER FINAL CIRC PSI OF 2153 & GOT BACK 50 BBLs CEMENT TO PIT
	3:00 - 6:00	3.00	DRLPRO	14	A	P		LAND CASING 80K STRING WT & N/D B.O.P'S & CLEAN MUD TANKS & RELEASED RIG @ 06:00 HRS ON 5/7/2010

US ROCKIES REGION
Operation Summary Report

Well: BONANZA 1023-8J1S GREEN	Spud Conductor: 2/17/2010	Spud Date: 2/19/2010
Project: UTAH-UINTAH	Site: BONANZA 1023-8J PAD	Rig Name No: ENSIGN 139/139, PROPETRO/
Event: DRILLING	Start Date: 2/16/2010	End Date: 5/7/2010
Active Datum: RKB @5,346.01ft (above Mean Sea Level)	UWI: NW/SE/0/10/S/23/E/8/0/0/6/PM/S/1,580.00/E/0/2,227.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	6:00 - 6:00	0.00	DRLPRO					<p>CONDUCTOR CASING: Cond. Depth set: 44 Cement sx used:</p> <p>SPUD DATE/TIME: 2/19/2010 8:00</p> <p>SURFACE HOLE: Surface From depth: 44 Surface To depth: 2,040 Total SURFACE hours: 17.50 Surface Casing size: 8 5/8 # of casing joints ran: 45 Casing set MD: 1,997.9 # sx of cement: 575 Cement blend (ppg): 15.8 Cement yield (ft3/sk): 1.15 # of bbls to surface: 0 Describe cement issues: TOP OUT W/REDI MIX Describe hole issues:</p> <p>PRODUCTION: Rig Move/Skid start date/time: 4/30/2010 7:00 Rig Move/Skid finish date/time: 5/1/2010 9:30 Total MOVE hours: 26.5 Prod Rig Spud date/time: 5/1/2010 19:00 Rig Release date/time: 5/7/2010 6:00 Total SPUD to RR hours: 131.0 Planned depth MD 8,458 Planned depth TVD 8,290 Actual MD: 8,458 Actual TVD: 8,293 Open Wells \$: \$629,585 AFE \$: \$642,235 Open wells \$/ft: \$74.44</p> <p>PRODUCTION HOLE: Prod. From depth: 2,040 Prod. To depth: 8,458 Total PROD hours: 78.5 Log Depth: 8454 Production Casing size: 4 1/2 # of casing joints ran: 201 Casing set MD: 8,441.0 # sx of cement: 1,470 Cement blend (ppg): 12.5LEAD 14.3# TAIL Cement yield (ft3/sk): 2.03/1.25 Est. TOC (Lead & Tail) or 2 Stage : 5772 Describe cement issues: 12.5# LEAD 5%EXCESS,TAIL14.3# 10%, 50 BBLs CEMENT TO PIT Describe hole issues:</p> <p>DIRECTIONAL INFO: KOP: 2,160 Max angle: 30.16 Departure: 931.56 Max dogleg MD: 3.64</p>

US ROCKIES REGION
Operation Summary Report

Well: BONANZA 1023-8J1S GREEN		Spud Conductor: 2/17/2010		Spud Date: 2/19/2010				
Project: UTAH-UINTAH		Site: BONANZA 1023-8J PAD		Rig Name No: LEED 698/698				
Event: COMPLETION		Start Date: 6/23/2010		End Date: 7/20/2010				
Active Datum: RKB @5,346.01ft (above Mean Sea Level)		UWI: NW/SE/0/10/S/23/E/8/0/0/6/PM/S/1,580.00/E/0/2,227.00/0/0						
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
6/24/2010	7:00 -		COMP	30	A	P		7AM [DAY 1] JSA-- P/U TBG. MIRU LAST NIGHT. NDWH, NUBOP. R/U FLOOR & TBG EQUIPMENT. P/U 3-7/8" MILL & RIH ON NEW 2-3/8" L-80 TBG. [SLM] TAG HARD @ 1222'. R/U SWVL. ESTB CIRC. TRY TO WORK THROUGH HARD SPOT. -- NO LUCK. R/D SWVL. POOH STDG BACK TBG. FOUND 1/4" X 1/4" GROVE WORE IN ALL THE WAY AROUND BTM OF MILL. L/D MILL. P/U 3-3/4" IMPRESSION BLOCK & RIH. TAG @ 1222'. STACK OUT W/ STRING WEIGHT. POOH STDG BACK TBG. FOUND 1/4" X 1/4" X 1" X 1" IMPRESSION ON BTM SIDE OF BLOCK. P/U 3-7/8" RBS STRING MILL & RIH ON TBG. TAG @ 1222'. R/U SWVL. ESTB CIRC. MILL ON TIGHT SPOT FOR 30 MIN , FELL THROUGH, WORK STRING MILL THROUGH BAD SPOT IN CSG. POOH STDG BACK TBG. L/D STRING MILL. P/U 3-7/8" RBS MILL & RIH ON TBG TO 1222'. CONTINUE P/U TBG & RIH. EOT @ 3543'. 5:30 PM SWI-SDFN. PREP TO C/O TO PBTD IN AM.
6/25/2010	7:00 - 18:00	11.00	COMP	30				7AM [DAY 2] JSA-- L/D TBG & H2S. WHP=0#. EOT @ 3543'. CONTINUE P/U 2-3/8" L-80 TBG & RIH. [SLM] TBG WAS DRIFTED. TAG HARD CMT @ 8382'. R/U SWVL & RIG PUMP. ESTABLISH CIRCULATION. DRILL & C/O 76' CMT TO PBTD @ 8458'. CIRCULATE WELL CLEAN. R/D SWVL. POOH, LAYING DOWN TBG. R/D FLOOR & TBG EQUIPMENT. NDBOP, NUFV'S. RACK EQUIPMENT. RDMO. MIRU B&C QUICK TEST-- P.T. CSG & FRAC VALVES ON 3 WELLS ON 8J PAD TO 7000#. 1023-8J1S DID NOT P.T. RDMO B&C TESTERS. PREP TO SET CIBP ON BTM IN AM.
6/26/2010	7:00 -							6PM SDF-WE 7AM [DAY 3] MIRU CASED HOLE SOLUTIONS. RIH W/ GAUGE RING TO 8445'. POOH W/ GAUGE RING. RIH W/ CIBP & SET @ 8410'. R/D CASED HOLE. MIRU B&C. ATTEMPT TO P.T. CSG. NO LUCK. AT 6100# LOST ALL PRESSURE IN ABOUT 2 SECONDS. WELL WENT ON VACUM. RDMO B&C. RIH W/ COLLAR LOCATOR , FOUND FLUID LEVEL & BAD COLLAR IN CSG @ 1226'. R/D CASED HOLE.
7/8/2010	7:00 - 7:30	0.50	COMP	48		P		SDF-WE HSM, TESTING CSG W/ PKR .

US ROCKIES REGION
Operation Summary Report

Well: BONANZA 1023-8J1S GREEN		Spud Conductor: 2/17/2010	Spud Date: 2/19/2010
Project: UTAH-UINTAH		Site: BONANZA 1023-8J PAD	Rig Name No: LEED 698/698
Event: COMPLETION		Start Date: 6/23/2010	End Date: 7/20/2010
Active Datum: RKB @5,346.01ft (above Mean Sea Level)		UWI: NW/SE/0/10/S/23/E/8/0/0/6/PM/S/1,580.00/E/0/2,227.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:30 - 15:00	7.50	COMP	31	C	P		0 PSI ON WELL, RIGGED UP & NU BOPS LAST NIGHT. TALLY & PU 41/2 32A PKR & 39 JTS 23/8 L-80 OFF FLOAT SET PKR @ 1243' FILL TBG W/ 5 BBLs & TEST TO 2500# PSI GOOD TEST. UNSET BPKR L/D 2 JTS RESET PKR @ 1181' PRESSURE UP ON CSG TO 500 PSI OK, RU PUMPED 15 BBLs DWN TBG NO PSI. RU FILL SURF W/ 6 BBLs TEST TO 500# PSI OK, RU PUMP ANOTHER 20 BBLs WTR DWN TBG NO PSI, WAIT ON ORDERS. UNSET PKR POOH 37 JTS L/D PKR. CALL FOR CALIPER CSG LOG, TRK WILL BE HERE IN AM. SWI SDFN
7/9/2010	7:00 - 7:30	0.50	COMP	48		P		HSM, WORKING W/ WIRE LINE.
	7:30 - 15:00	7.50	COMP	41		P		RU PIONEER WIRE LINE, RUN CALIPER LOG ACROSS HOLE @ 1228' RD WIRE LINE, TAKE LOGS TO TOWN PREP TO CMT 7/12/10. SDFWE
7/12/2010	7:00 - 7:30	0.50	COMP	31	I	P		HSM, WORKING W/ PKR MAN & CEMENT CREW.
	7:30 - 8:40	1.17	COMP	51	C	P		WELL ON SLIGHT VACUME, PU RIH W 41/2 32 A PKR & 28 JTS 23/8 SET PKR @ 896' FILL & TEST CSG TO 500 PSI, RU PRO PETRO, PUMP 11 BBLs FRESH WTR, 200 SK 57 BBLs TIX-O 14.2# 1.6 YEILD CMT, DISPLACE W/ 5.4 BBLs FRESH PUTS CMT 2 BBLs UNDER PKR. SWI
	8:40 - 9:40	1.00	COMP	46	B	P		WAIT FOR CMT TO SET.
	9:40 - 12:30	2.83	COMP	51	C	P		OPEN WELL ON VAC WELL SUCKED AWAY 2 BBLs, PUMP ANOTHER 5 BBLs NO PSI, WAIT ON 2ND LOAD CMT & WTR.
	12:30 - 15:00	2.50	COMP	51	C	P		PRESSURE BACK UP TO 500 PSI ON CSG, PUMP 11 BBLs FRESH, 100 SK 3% CACL 15.8# 1.15 YEILD, W/ 1/4 # PER SK FLOW SEAL, 125 SKS 2% CACL 15.8# 1.15 YEILD, W/ 1/4# PER SK FLOW SEAL, DISPLACE W/ 5.4 BBLs FRESH WTR. SWI FOR 1/2 HR. STAGED 1 BBL PSI @ 137 # SWI FOR 1/2 HR STAGED TO 500 PSI, BLEAD OFF PSI, UNSET PKR POOH L/D PKR, FILL & PERESSURE UP ON CSG TO 500 PSI SWI SDFN
7/13/2010	7:00 - 7:30	0.50	COMP	48		P		HSM, TRIPPING TBG
	7:30 - 8:00	0.50	COMP	31	I	P		SICP 200 PSI, BLEAD OFF, PU RIH W/ 37/8 BIT, BIT SUB, 34 JTS 23/8 L-80 TAG CMT @ 1067',
	8:00 - 10:30	2.50	COMP	44	A	P		RU DRL EQUIP. BROK CIRC DRL 233' CMT, FELL FREE @ 1300'. RIH TO 1556' CIRC CLEAN. TEST SQUEEZE TO 500# PSI.
	10:30 - 17:30	7.00	COMP	31	I	P		POOH L/D BIT. PU RIH W/ WEATHERFORDS STRING MILL ASSEMBLY, & 41 JTS TBG TO 1316', ROTATED MILLS TROUGH HOLE AREA, POOH L/D MILL ASS, PU RIH W/ 37/8" FLAT BTM MILL & 2 JTS 3 3/4 WASH PIPE ASS & 39 JTS, FOR DUMMY RUN FOR PATCH TO 1309'. POOH L/D WASH PIPE, SWI PREP TO RUN CSG PATCH IN AM.
7/14/2010	7:00 - 7:30	0.50	COMP	48		P		HSM, PICKING UP & RUNNING CSG PATCH.
	7:30 - 15:00	7.50	COMP	31	I	P		TALLY & PU 41/2 INSIDE CSG PATCH, RIH W 37 JTS & SET ACROSS HOLE IN CSG @ 1228'. (TOP OF PATCH @ 1220') (BTM OF PATCH @ 1240') POOH L/D SETTING TOOLS, SWI FOR PATCH TO CURE TILL AM. SDFD
7/15/2010	7:00 - 7:30	0.50	COMP	48		P		HSM, PU TOOLS W/ TOOL MAN & L/D SAME.

US ROCKIES REGION
Operation Summary Report

Well: BONANZA 1023-8J1S GREEN	Spud Conductor: 2/17/2010	Spud Date: 2/19/2010
Project: UTAH-UINTAH	Site: BONANZA 1023-8J PAD	Rig Name No: LEED 698/698
Event: COMPLETION	Start Date: 6/23/2010	End Date: 7/20/2010
Active Datum: RKB @5,346.01ft (above Mean Sea Level)		UWI: NW/SE/0/10/S/23/E/8/0/0/6/PM/S/1,580.00/E/0/2,227.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:30 - 15:00	7.50	COMP	31	I	P		PU RIH W/ 3.60 OD SWEDGE, JARS, BUMPER SUB, 40 JTS TBG TO 1289' NOTHING TAGED. POOH L/D TOOLS. ND BOPS NU FV, FILL & TEST CSG TO 7000# PSI W/ B&C OK, RU CASD HOLE, RIH W/ 3.625 OD GAUGE RING TO 1320' OK, (STG 1) RIH W/ 31/8" EXP GNS W/ 23 GRM .36" HOLES & PERF 8382'-8388' 4 SPF 24 HOLES. POOH SWI PREP TO FRAC IN AM.
7/16/2010	7:00 - 7:30	0.50	COMP	48		P		AYING AWAY F/ WELL HEAD DURING FRACS.
	7:30 - 8:22	0.87	COMP	36	E	P		(STG 1) MIRU SUPERIOR, PRIME UP AND TEST PUMPS & LINES TO 8,000# PSI. WHP 1375 PSI, BRK 3410 PSI, @ 4.5 BPM, ISIP 2451 PSI, FG .74. PUMPED 100 BBLS @ 49.5 BPM @ 4862 PSI = 100% PERFS OPEN MP 6145 PSI, MR 49.6 BPM, AP 4648 PSI, AR 44 BPM, ISIP 2423 PSI, FG .73 NPI -28 PSI, PMPD 1054 BBLS OF SW & 24,482 LBS 30/50 SND & 5,000 LBS 20/40 RESIN SAND TOTAL PROP 29,482 LBS.
	8:22 - 10:00	1.63	COMP	36	E	P		(STG 2) PU 41/2" CBP & 31/8" EXP GNS, 23 GRM, .36" HOLES, 120 DEG PHASING SET 8K BAKER CBP @ 8327' & PERF 8224'-8227' 3 SPF 9 HLS, 8191'-8192' 3 SPF 3 HLS, 8117'-8119' 3 SPF 6 HLS, 8060'-8061' 3 SPF 3 HLS, TOTAL 21 HOLES. WHP 1800 PSI, BRK 3750 PSI, @ 4.5 BPM, ISIP 2214 PSI, FG .71. PUMPED 100 BBLS @ 50.7 BPM @ 4694 PSI = 100% PERFS OPEN MP 5966 PSI, MR 51.7 BPM, AP 4628 PSI, AR 50 BPM, ISIP 2319 PSI, FG .72. NPI 105 PSI, PMPD 1016 BBLS OF SW & 33,867 LBS 30/50 SND & 5,000 LBS 20/40 RESIN SAND TOTAL PROP 38,867 LBS.
	10:00 - 11:52	1.87	COMP	36	E	P		(STG 3) PU 41/2" CBP & 31/8" EXP GNS, 23 GRM, .36" HOLES, 120 DEG PHASING SET 8K BAKER CBP @ 7957' & PERF 7856'-7857' 3 SPF 3 HLS, 7806'-7807' 3 SPF 3 HLS, 7729'-7730' 3 SPF 3 HLS, 7672'-7673' 3 SPF 3 HLS, 7629'-7632' 3 SPF 9 HLS, TOTAL 21 HOLES. WHP 200 PSI, BRK 2812 PSI, @ 4.6 BPM, ISIP 1703 PSI, FG .66. PUMPED 100 BBLS @ 45.7 BPM @ 4278 PSI = 92% PERFS OPEN MP 6096 PSI, MR 53.4 BPM, AP 4653 PSI, AR 50 BPM, ISIP 2278 PSI, FG .73. NPI 575 PSI, PMPD 2230 BBLS OF SW & 82,333 LBS 30/50 SND & 5,000 LBS 20/40 RESIN SAND TOTAL PROP 87,333 LBS.
	11:52 - 13:36	1.73	COMP	36	E	P		(STG 4) PU 41/2" CBP & 31/8" EXP GNS, 23 GRM, .36" HOLES, 120 DEG PHASING SET 8K BAKER CBP @ 7597' & PERF 7516'-7520' 3 SPF 12 HLS, 7383'-7386' 3 SPF 9 HLS, TOTAL 21 HOLES. WHP 1650 PSI, BRK 2469 PSI, @ 4.7 BPM, ISIP 2314 PSI, FG .75. PUMPED 100 BBLS @ 50.7 BPM @ 6119 PSI = 77% PERFS OPEN MP 6336 PSI, MR 54.6 BPM, AP 4711 PSI, AR 51 BPM, ISIP 1995 PSI, FG .71. NPI -319 PSI, PMPD 1653 BBLS OF SW & 63,484 LBS 30/50 SND & 5,000 LBS 20/40 RESIN SAND TOTAL PROP 68,484 LBS.

US ROCKIES REGION
Operation Summary Report

Well: BONANZA 1023-8J1S GREEN	Spud Conductor: 2/17/2010	Spud Date: 2/19/2010
Project: UTAH-UINTAH	Site: BONANZA 1023-8J PAD	Rig Name No: LEED 698/698
Event: COMPLETION	Start Date: 6/23/2010	End Date: 7/20/2010
Active Datum: RKB @5,346.01ft (above Mean Sea Level)		UWI: NW/SE/0/10/S/23/E/8/0/0/6/PM/S/1,580.00/E/0/2,227.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	13:36 - 14:53	1.28	COMP	36	E	P		(STG 5) PU 41/2" CBP & 31/8" EXP GNS, 23 GRM, .36" HOLES, 120 DEG PHASING SET 8K BAKER CBP @ 7333' & PERF 7274'-7276' 3 SPF 6 HLS, 7253'-7255' 3 SPF 6 HLS, 7172'-7175' 3 SPF 9 HLS, TOTAL 21 HOLES. WHP 280 PSI, BRK 2561 PSI, @ 4.8 BPM, ISIP 1829 PSI, FG .69. PUMPED 100 BBLS @ 51.1 BPM @ 4802 PSI = 94% PERFS OPEN MP 4862 PSI, MR 54.9 BPM, AP 4050 PSI, AR 51.3 BPM, ISIP 2145 PSI, FG .73. NPI 316 PSI, PMPD 1191 BBLS OF SW & 43,283 LBS 30/50 SND & 5,000 LBS 20/40 RESIN SAND TOTAL PROP 48,283 LBS.
	14:53 - 16:04	1.18	COMP	36	E	P		(STG 6) PU 41/2" CBP & 31/8" EXP GNS, 23 GRM, .36" HOLES, 120 DEG PHASING SET 8K BAKER CBP @ 7122' & PERF 7053'-7055' 3 SPF 6 HLS, 6890'-6892' 3 SPF 6 HLS, 6874'-6877' 3 SPF 9 HLS, TOTAL 21 HOLES. WHP 132 PSI, BRK 2835 PSI, @ 4.4 BPM, ISIP 1604 PSI, FG .67. PUMPED 100 BBLS @ 50.9 BPM @ 5216 PSI = 91% PERFS OPEN MP 5422 PSI, MR 53.5 BPM, AP 4554 PSI, AR 51 BPM, ISIP 2477 PSI, FG .79. NPI 873 PSI, PMPD 656 BBLS OF SW & 17,745 LBS 30/50 SND & 5,000 LBS 20/40 RESIN SAND TOTAL PROP 22,745 LBS.
	16:04 - 17:11	1.12	COMP	36	E	P		(STG 7) PU 41/2" CBP & 31/8" EXP GNS, 23 GRM, .36" HOLES, 120 DEG PHASING SET 8K BAKER CBP @ 5992' & PERF 5887'-5892' 3 SPF 15 HLS, 5824'-5826' 3 SPF 6 HLS, TOTAL 21 HOLES. WHP 76 PSI, BRK 1870 PSI, @ .91 BPM, ISIP 1207 PSI, FG .64. PUMPED 100 BBLS @ 51 BPM @ 5454 PSI = 83% PERFS OPEN MP 5584 PSI, MR 51.5 BPM, AP 4411 PSI, AR 51 BPM, ISIP 1786 PSI, FG .74. NPI 579 PSI, PMPD 708 BBLS OF SW & 25,300 LBS 30/50 SND & 5,000 LBS 20/40 RESIN SAND TOTAL PROP 30,300 LBS.
	17:11 - 18:30	1.32	COMP	34	I	P		(KILL PLUG) RIH SET 8K BAKER CBP @ 5774', POOH, SWI, RD WL & FRAC CREW.SDFWE TOTAL SAND 325,494 LBS TOTAL WATER 8508 BBLS HSM, PICKING UP TBG OFF FLOAT.
7/19/2010	7:00 - 7:30	0.50	COMP	48		P		ND FV, NU BOPS, RU FLOOR. TALLY & PU 3 5/8 BIT, POBS, 1.875 X/N & 180 JTS 23/8 L-80 OFF RU DRLG EQUIP EOT @ 5684' SWI PREP TO D/O IN AM.
	7:30 - 15:00	7.50	COMP	31	I	P		HSM,
7/20/2010	7:00 - 7:30	0.50	COMP	47		P		HSM,

US ROCKIES REGION
Operation Summary Report

Well: BONANZA 1023-8J1S GREEN	Spud Conductor: 2/17/2010	Spud Date: 2/19/2010
Project: UTAH-UINTAH	Site: BONANZA 1023-8J PAD	Rig Name No: LEED 698/698
Event: COMPLETION	Start Date: 6/23/2010	End Date: 7/20/2010
Active Datum: RKB @5,346.01ft (above Mean Sea Level)	UWI: NW/SE/0/10/S/23/E/8/0/0/6/PM/S/1,580.00/E/0/2,227.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:30 - 18:30	11.00	COMP	44	C	P		<p>BROKE CIRC CONVENTIONAL, TEST BOPS TO 3,000# PSI, RIH</p> <p>C/O 0' SAND TAG 1ST PLUG @ 5774' DRL PLG IN 6 MIN 200# PSI INCREASE RIH.</p> <p>C/O 30' SAND TAG 2ND PLUG @ 5992' DRL PLG IN 11 MIN 200# PSI INCREASE RIH.</p> <p>C/O 30' SAND TAG 3RD PLUG @ 7122' DRL PLG IN 22 MIN 200# PSI INCREASE RIH.</p> <p>C/O 30' SAND TAG 4TH PLUG @ 7333' DRL PLG IN 10 MIN 200# PSI INCREASE RIH.</p> <p>C/O 30' SAND TAG 5TH PLUG @ 7579' DRL PLG IN 15 MIN 100# PSI INCREASE RIH.</p> <p>C/O 30' SAND TAG 6TH PLUG @ 7957' DRL PLG IN 4 MIN 300# PSI INCREASE RIH.</p> <p>C/O 30' SAND TAG 7TH PLUG @ 8327' DRL PLG IN 4 MIN 200# PSI INCREASE RIH.</p> <p>C/O TO CIBP @ 8410' CIRC WELL CLEAN, RD SWIVEL. L/D 13 JTS 23/8 LAND TBG ON 254 JTS, ND BOPS NU WH, PUMP OFF BIT, LET WELL SET FOR 30 MIN FOR BIT TO FALL, TURN WELL OVER TO FB CREW, RDMOL. MOVE RIG & EQUIP TO NBU 1022-14A4S SDFN.</p> <p>KB = 13' 71/16 5K HANGER = .83' 254 JTS 23/8 L-80 = 8004.94 (NOTE 41/2 INSIDE CSG PATCH TOP @ 1220' BTM @ 1240', 3.701 ID) POBS & 1.875 X/N = 2.20' (NEED TO USE 35/8 BIT) EOT @ 8020.97</p> <p>284 JTS HAULED OUT 254 LANDED 30 TO RETURN</p> <p>TWTR = 8788 BBLS TWR = 1200 BBLS TWLTR = 7588 BBLS</p>
7/21/2010	7:00 -			33	A			<p>7 AM FLBK REPORT: CP 2750#, TP 1850#, 20/64" CK, 40 BWPH, SAND 1/4C GAS - TTL BBLS RECOVERED: 2165 BBLS LEFT TO RECOVER: 6623 WELL TURNED TO SALES @ 0900 HR ON 7/21/2010 - 1000 MCFD, 960 BWPD, CP 2900#, FTP 1700#, CK 20/64"</p>
	9:00 -		PROD	50				
7/22/2010	7:00 -			33	A			<p>7 AM FLBK REPORT: CP 2800#, TP 1900#, 20/64" CK, 30 BWPH, TBSP SAND, - GAS TTL BBLS RECOVERED: 3045 BBLS LEFT TO RECOVER: 5743</p>

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU 37355
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: BONANZA 1023-8J1S
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047504960000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1580 FSL 2227 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 08 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: 11/24/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input checked="" 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 type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input 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 operator requests approval to conduct wellhead/casing repair operations on the subject well location. Please find the attached procedure for the proposed repair work on the subject well location.

Accepted by the Utah Division of Oil, Gas and Mining

Date: 11/24/2010

By: *Derek Quist*

NAME (PLEASE PRINT) Gina Becker	PHONE NUMBER 720 929-6086	TITLE Regulatory Analyst II
SIGNATURE N/A		DATE 11/24/2010

WORKORDER #: 88104325

Name: BONANZA 1023-8J1S
Location: NWSE Section 8 T10S R23E
Uintah County, UT

11/23/10

ELEVATIONS: 5331' GL 5344' KB

TOTAL DEPTH: 8458' **PBTD:** 8410'

SURFACE CASING: 8 5/8", 28# J-55 ST&C @ 2013'

PRODUCTION CASING: 4 1/2", 11.6#, I-80 LT&C @ 8428'
Marker Joint 4175'-4196'
T.O.C.@ ~200

PERFORATIONS: Mesaverde 6874' - 8388'
Wasatch 5824' - 5892'

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

GEOLOGICAL TOPS:

1117' Green River
1340' Bird's Nest
1853' Mahogany
4235' Wasatch
6196' Mesaverde
8458' Bottom of Mesaverde (TD)

Completion Information:

- 7/16/10 - Perf and frac gross MV/Was interval f/ 5824' - 8388' in 7 stages using 325,494# sand & 8508 bbls slickwater
- Well IP'd on 7/29/10 - 2611 MCFD, 20 BOPD, 400 BWPD, CP 2250#, FTP 1700#, CK 18/64", LP 420#, 24 HRS

BONANZA 1023-8J1S – WELLHEAD REPLACEMENT PROCEDURE

PREP-WORK PRIOR TO MIRU:

1. Dig out down to the 2" surface casing valve or to the valve on the riser off the surface casing.
2. Install a tee with 2 valves, with a pressure gauge and sensor on one valve.
3. Open casing valve and record pressures.
4. Install nipple and steel hose on the other valve, the relief valve,. Do not use hammer unions. No impact equipment or tools to be used for any of this installation. Extend hose and hard piping to a downwind location at least 100' from the wellhead. Consider installing a manifold so that vent area could be in two locations approx. 90 degrees apart from the wellhead.
5. Open the relief valve and blow well down to the atmosphere.
6. Make a determination of amount of gas flow, either by installation of a choke nipple, bucket test or other.
7. Shut well in. Observe for rate of build-up by utilizing sensor data. Do not build-up for more than 24 hours. Vent gas through the vent line and leave open to the atmosphere.

WORKOVER PROCEDURE:

1. MIRU workover rig.
2. Kill well with 10# brine / KCL (dictated by well pressure).
3. Remove tree, install double BOP with blind and 2 3/8" pipe rams, with accumulator closing unit and manual back-ups. Function test BOP system.
4. Pooh w/ tubing.
5. Rig up wireline service. RIH and set CBP @ ~5774'. Dump bail 4 sx cement on top of plug. POOH and RD wireline service.
6. Remove BOP and ND WH.
7. Depending on conditions at wellsite, continue with either CUT/PATCH Procedure or BACK-OFF Procedure.

CUT/PATCH PROCEDURE:

1. PU internal casing cutters and RIH. Cut casing at +/- 30' from surface.
2. Pooh, LD cutters and casing.
3. PU & RIH w/ 4 ½" 10k external casing patch on 4 ½" I-80 or P-110 casing.
4. Latch fish, PU to 100,000# tension. RU B&C. Cycle pressure test to 7,000# / 9,000# psi.
5. Install C-22 slips. Land casing w/ 80,000# tension.
6. Cut-off and dress 4 ½" casing stub.
7. NUWH. PU 3 7/8" bit, POBS and RIH. D/O cement and plug ~5774'. Clean out to PBTB (8410').
8. POOH, land tbg and pump off POBS.
9. NUWH, RDMO. Turn well over to production ops.

BACK-OFF PROCEDURE:

1. PU internal casing cutters and RIH. Cut casing at +/- 6' from surface.
2. POOH, LD cutters and casing.
3. PU 4 ½" overshot. RIH, latch fish. Pick string weight to neutral.
4. MIRU wireline services. RIH and shoot string shot at casing collar @ 46'.
5. MIRU casing crew.
6. Back-off casing, Pooh.
7. PU new casing joint w/ entry guide and RIH. Tag casing top. Thread into casing and torque up to +/- 6000#.
8. PU 100,000# tension string weight. RU B&C. Cycle pressure test to 7,000# / 9,000# psi.
9. Install C-22 slips. Land casing w/ 80,000# tension.
10. Cut-off and dress 4 ½" casing stub.
11. NUWH. PU 3 7/8" bit, POBS and RIH. D/O cement and plug ~5774'. Clean out to PBTB (8410').
12. POOH, land tbg and pump off POBS.
13. NUWH, RDMO. Turn well over to production ops.



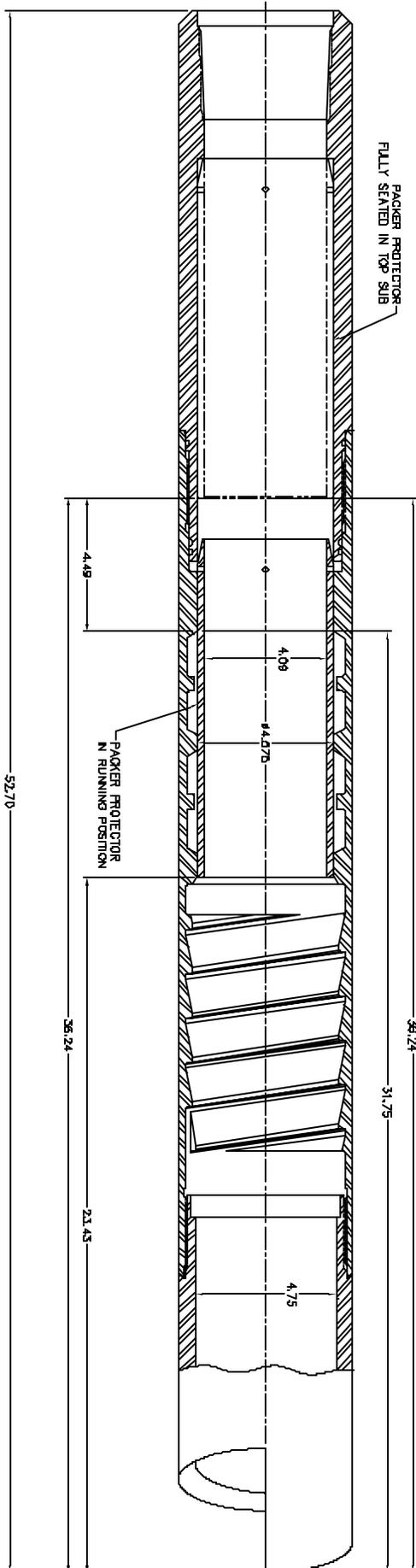
Logan High Pressure Casing Patches Assembly Procedure

All parts should be thoroughly greased before being assembled.

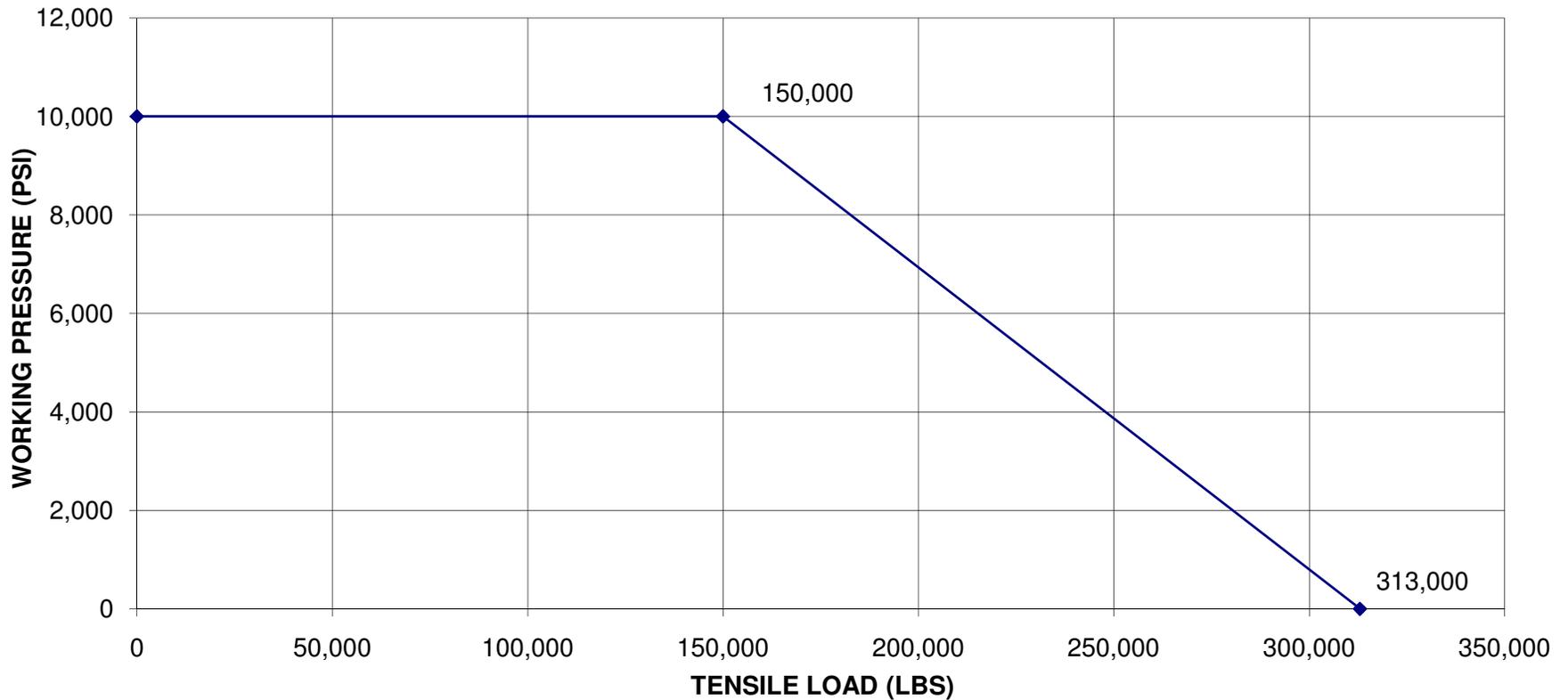
1. Install all four Logan Type "L" Packers in the spaces provided in the Casing Patch Bowl. Refer to diagram provided for proper installation.
2. Install Packer Protector from the Basket Grapple end of the Bowl. The beveled end of the Packer Protector goes in first. Carefully push the Packer Protector through the four Type "L" Packers.
3. Align Shear Pin Holes in Packer Protector so that the holes have just passed into the counter bore at the Top Sub end, refer to diagram. The Packer Protector is provided with four Shear Pin Holes. Use only two holes, 180 degrees apart and install the pins.
4. Screw the Basket Grapple in from the lower end of the Bowl, using left-hand rotation. The Tang Slot in the Basket Grapple must land in line with the slot in the Bowl.
5. Insert the Basket Grapple Control into the end of the Bowl. Align Tang on the Basket Grapple Control with the Tang Slot of the Bowl and Basket Grapple. This secures the Bowl and the Basket Grapple together.
6. Install the Cutlipped Guide into the lower end of the Bowl.
7. Install O-Rings on the two five-foot long Extensions. Screw the first Extension into the top end of the Bowl. Screw the second Extension into the top end of the first Extension.
8. Install O-Ring on Top Sub. Screw Top Sub into top end of second Extension.

Follow recommended Make-Up Torque as provided in chart.

510L-005-001 4-1/2" LOGAN HP CASING PATCH



**STRENGTH DATA FOR LOGAN 5.88" OD "L" TYPE CSG PATCH
4-1/2 CASING, 10K PSI MAX WP 125K YIELD MAT'L
LOGAN ASSEMBLY NO. 510L-005 -000**



COLLAPSE PRESSURE:
11,222 PSI @ 0 TENSILE
8,634 PSI @ 220K TENSILE

Tensile Strength @ Yield:
Tensile Strength w/ 0 Int. Press.= 472,791lbs.
Tensile Strength w/ 10K Int. Press.= 313,748lbs.

DATA BY SLS 11/16/2009

RECEIVED November 24, 2010

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU 37355
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 1023-8J1S	
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047504960000	
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6515 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1580 FSL 2227 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 08 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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/27/2011 <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 checked="" 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.		
<p>The operator has concluded wellhead/casing repairs on the subject well location. Please see the attached chronological history for details of the operations.</p> <p style="text-align: right;">Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</p>		
NAME (PLEASE PRINT) Gina Becker	PHONE NUMBER 720 929-6086	TITLE Regulatory Analyst II
SIGNATURE N/A	DATE 3/27/2011	

**US ROCKIES REGION
Operation Summary Report**

Well: BONANZA 1023-8J1S GREEN		Spud Conductor: 2/17/2010	Spud Date: 2/19/2010
Project: UTAH-UINTAH		Site: BONANZA 1023-8J PAD	Rig Name No: LEED 698/698, LEED 698/698
Event: WELL WORK EXPENSE		Start Date: 2/28/2011	End Date: 3/11/2011
Active Datum: DFE @0.00ft (above Mean Sea Level)		UWI: NW/SE/0/10/S/23/E/8/0/0/6/PM/S/1,580.00/E/0/2,227.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
2/28/2011	10:00 - 10:30	0.50	ALL	48		P		HSM, REVIEW RIGGING UP & DWN.
	10:30 - 11:00	0.50	ALL	30	G	P		MOVE F/ BONANZA 1023-8O3S TO BONANZA 1023- 8J1S.
	11:00 - 12:00	1.00	ALL	30	A	P		MIRU.
	12:00 - 12:30	0.50	ALL	30	E	P		SICP. 145 PSI. SITP. 145 PSI., BLEW TBG, CONTROL TBG W/ 10 BBLS, ND WH, NU BOPS, RU FLOOR & TBG EQUIPMENT.
	12:30 - 15:20	2.83	ALL	31	I	P		UNLAND TBG HANGER, POOH & LD 78 JTS. 2-3/8 L-80 TBG ON SEALS, FINISH POOH S/B 176 JTS. 2-3/8 L-80 TBG.
	15:20 - 16:00	0.67	ALL	34	I	P		RU CUTTERS, RIH 3.625 GAUGE RING TO 5800', POOH TOOLS.
	16:00 - 16:30	0.50	ALL	34	I	P		RIH BAKER 4-1/2 10K CBP & SET @ 5774', POOH TOOLS.
	16:30 - 18:00	1.50	ALL	34	D	P		RU DUMP BAILER, RIH & MADE 2 RUN, DUMP 4 SX CLASS "G" CMT ON TOP OF PLUG. POOH TOOLS, RD CUTTERS WIRELINE, SWI, SDFN.
	3/1/2011	7:00 - 7:30	0.50	ALL	48		P	
7:30 - 10:00		2.50	ALL	31	I	P		PU POBS W/ XN & RIH 176 JTS. 2-3/8 L-80 TBG, LAND TBG HANGER, RD FLOOR & TBG EQUIPMENT, ND BOPS, NU WH, PRESSURE TEST 4-1/2 CSG TO 1000 PSI. FOR 15 MINS, HELD, RDMO. MOVE RIG TO BONANZA 1023-8O2S.

TBG DETAIL

KB-----13'
HANGER-----83"
176 JTS. 2-3/8 L-80 TBG-----5547.16'
XN POBS-----2.20'
EOT @-----5563.19'
WLTR. 100 BBLS.
TOP PERF @ 5824'
BTM PERF @ 8388'
LD 78 JTS. L-80 TBG ON SEALS.

US ROCKIES REGION

Operation Summary Report

Well: BONANZA 1023-8J1S GREEN	Spud Conductor: 2/17/2010	Spud Date: 2/19/2010
Project: UTAH-UINTAH	Site: BONANZA 1023-8J PAD	Rig Name No: LEED 698/698, LEED 698/698
Event: WELL WORK EXPENSE	Start Date: 2/28/2011	End Date: 3/11/2011
Active Datum: DFE @0.00ft (above Mean Sea Level)		UWI: NW/SE/0/10/S/23/E/8/0/0/6/PM/S/1,580.00/E/0/2,227.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
3/10/2011	7:00 - 19:30	12.50	WO/REP	30	A	P		<p>7AM JSA R/D RIG, R/U RIG. CSG REPAIR, SLIPS TRIPS FALLS.</p> <p>MIRU, SPOT EQUIP. WHP=0#. EOT @ 5563'. NDWH, NUBOP. R/U FLOOR & TBG EQUIP. UNLAND TBG. L/D TBG HANGER. POOH STANDING BACK 2-3/8" L-80 TBG. L/D XN NIPPLE. R/D FLOOR AND TBG EQUIPMENT. NDBOP. R/U SWVL. EST TOC @ 170'. P/U WTRFD 4-1/2" INTERNAL CASING CUTTER & RIH. CUT CSG OFF AT 7' BELOW SURFACE. POOH. L/D TOOLS AND CUT CASING SUB. R/D SWVL.</p> <p>P/U 4-1/2" WTRFD O.S.-- RIH & LATCH ON TO FISH TOP @ 7'.</p> <p>MIRU CUTTERS AND WTRFD CASING CREW. RIH W/ STRING SHOT TO 45'. WTRFD PUT 5000# BACK TOURQE ON CASING. CASING BACKED OFF BELOW 45'. POOH, L/D W.L. TOOLS. RDMO CUTTERS. 2000# STRING WEIGHT. POOH LAYING DN CASING. L/D 4 JTS CSG. COLLAR LOOKING UP DOWNHOLE.</p> <p>P/U NEW JT CSG W/ ENTRY GUIDE & RIH W/ 3 JTS CSG. TAG CSG TOP AT 178' +/-.</p> <p>THREAD INTO CSG AND TOURQUE UP TO 7000#. FILL 4-1/2" CSG W/ 3 BBLs TMAC. P/U 100,000# TENSION STRING WEIGHT. FILL 4-1/2" X 8-5/8" ANNULUS W/ TMAC.- 1 bbl.</p> <p>MIRU B&C PRESSURE TESTERS, P.T 4-1/2" CSG TO 1000# FOR 15 MIN, 3500# FOR 15 MIN, AND 7000# FOR 30 MIN. 400# LOSS IN 30 MIN TEST ON 7000#. 1000# and 3500# TEST HELD GOOD. CONSULT W/ ENGINEERING.</p> <p>BLEED PSI OFF TO 1000# AND HELD FOR 30 MIN. P.T. TO 3500# FOR 15 MIN. LOST 50# PSI IN 15 MIN. R/D B&C.</p> <p>INSTALL C-21 SLIPS, LAND CSG W/ 82,000# TENSION. CUT OFF & DRESS 4-1/2" CSG. NUWH. R/U B&C. P.T. 4-1/2" X 8-5/8" ANNULUS TO 200#-- LOST 25# IN 15 MIN. P.T. TO 500#-- LOST 44 # IN 30 MIN. RDMO B&C. FINISH NUWH & TEST TO WEATHERFORD SPECS. DRAIN PMP & LINES.</p> <p>7:30 PM SWI SDFN</p>

US ROCKIES REGION

Operation Summary Report

Well: BONANZA 1023-8J1S GREEN	Spud Conductor: 2/17/2010	Spud Date: 2/19/2010
Project: UTAH-UINTAH	Site: BONANZA 1023-8J PAD	Rig Name No: LEED 698/698, LEED 698/698
Event: WELL WORK EXPENSE	Start Date: 2/28/2011	End Date: 3/11/2011
Active Datum: DFE @0.00ft (above Mean Sea Level)		UWI: NW/SE/0/10/S/23/E/8/0/0/6/PM/S/1,580.00/E/0/2,227.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
3/11/2011	7:00 - 19:00	12.00	WO/REP	30		P		<p>7AM [DAY 5] JSA RIH W/ TBG, P/U TBG, DRLG PLUGS, FOAM UNITS</p> <p>WHP=0#. [P/U 3-5/8" RBS MILL] POBS W/ XN NIPPLE & RIH OUT OF DERRICK W/ 88 STANDS OF 2-3/8" L-80 YELL BND TBG.</p> <p>P/U 10 JTS 2-3/8" L-80 TBG OFF SILLS & RIH. TAG CMT TOP @ 5737'. R/U SWVL.</p> <p>MIRU WTRFD FOAM UNIT. ESTABLISH CIRCULATION IN 20 MINUTES. DRILL OUT 37' CMT. DRILL CBP @ 5774' IN 5 MIN. 300# INCREASE. R/D SWVL. CONTINUE P/U TBG & RIH. TAG FILL @ 8120'. POOH & RETREIVE STRING FLOAT. RIH TAG FILL AT 8120. R/U SWVL. ESTABLISH CIRC W/ FOAM UNIT. C/O 100' MEDIUM SCALE. FELL THROUGH, TAG SCALE/ SAND @ 8393'. C/O 12' TO NEW PBTD @ 8405'. DRILLING REALLY HARD. QUIT DRILLING. CIRCULATE WELL CLEAN FOR 30 MINUTES. R/D SWVL AND FOAM UNIT. POOH & L/D 13 JTS ON C.O.S. FLOAT. TBG WAS DRIFTED AND BROATCHED. LAND TBG ON HANGER W/ 254 JTS. EOT @ 8020.97' & POBS W/ XN @ 8018.77'. R/D FLOOR & TBG EQUIPMENT. NUWH. DROP BALL DOWN TBG AND ATTEMPT TO PMP OFF THE MILL @ 3000#. NO LUCK. LEAVE WELL SHUT IN W/ 3000# ON TBG. MILL SHOULD FALL OFF OVER WEEKEND? FOUND IT HAD NOT MONDAY 3/14/11 3300# TBG PSI, 1300# CSG PSI. OPEN TBG TO RETREIVE BALL. NO DARTS WERE INSTALLED AT POBS, WE LEFT THEM OUT BEFORE RIH. RACK EQUIPMENT. DRAIN PMP & LINES. CALLED CDC ON PROGRESS. LTR=0 BBLS</p> <p>7 PM SDF-WE</p> <p>NOTE: THIS WELL HAS A INTERNAL CASING PATCH @ 1220' TO 1240'. NEED 3-5/8" BIT TO GET THROUGH PATCH. ALSO DO NOT PRESSURE TEST 4-1/2" CASING OVER 3500# WITH OUT CONSULTING WITH ENGINEER.--SEE PREVIOUS REPORTS!</p> <p>KB 13 HNGR .83 254 JTS 8004.94 POBS W/ XN 2.2 EOT @ 8020.97 XN @ 8018.77'</p> <p>NEW PBTD @ 8405' BTM PERF @ 8388' TOP PERF @ 5824'. RATHOLE 17'</p>

US ROCKIES REGION
Operation Summary Report

Well: BONANZA 1023-8J1S GREEN		Spud Conductor: 2/17/2010		Spud Date: 2/19/2010				
Project: UTAH-UINTAH		Site: BONANZA 1023-8J PAD		Rig Name No: LEED 698/698, LEED 698/698				
Event: WELL WORK EXPENSE		Start Date: 2/28/2011		End Date: 3/11/2011				
Active Datum: DFE @0.00ft (above Mean Sea Level)		UWI: NW/SE/0/10/S/23/E/8/0/0/6/PM/S/1,580.00/E/0/2,227.00/0/0						
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
3/14/2011	15:00 - 16:30	1.50	WO/REP	35		P		MIRU DELSCO SLK LINE. RIH W/ 7/8" SINKER BAR & KNOCK OFF BIT @ 8019'. POOH RDMO DELSCO. LEAVE WELL SHUT. CALL CDC. PUMPER WILL START IN AM.

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

FORM 6

ENTITY ACTION FORM

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

Well 1

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

Well 2

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

Well 3

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

ACTION CODES:

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

RECEIVED

MAY 21 2012

Div. of Oil, Gas & Mining

Cara Mahler

Name (Please Print)

Signature

REGULATORY ANALYST

5/21/2012

Title

Date

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

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

* not moved in unit

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

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

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

★ not moved into unit

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