

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 1023-9B3CS		
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	2147 FNL 1109 FEL	SENE	9	10.0 S	23.0 E	S
Top of Uppermost Producing Zone	1280 FNL 2420 FEL	NWNE	9	10.0 S	23.0 E	S
At Total Depth	1280 FNL 2420 FEL	NWNE	9	10.0 S	23.0 E	S
21. COUNTY UINTAH		22. DISTANCE TO NEAREST LEASE LINE (Feet) 1280		23. NUMBER OF ACRES IN DRILLING UNIT 320		
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 410		26. PROPOSED DEPTH MD: 8558 TVD: 8100		
27. ELEVATION - GROUND LEVEL 5341		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 43047505040000	APPROVAL  Permit Manager	

Proposed Hole, Casing, and Cement

String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	7.875	4.5	0	8558		
Pipe	Grade	Length	Weight			
	Grade I-80 LT&C	8558	11.6			

Proposed Hole, Casing, and Cement

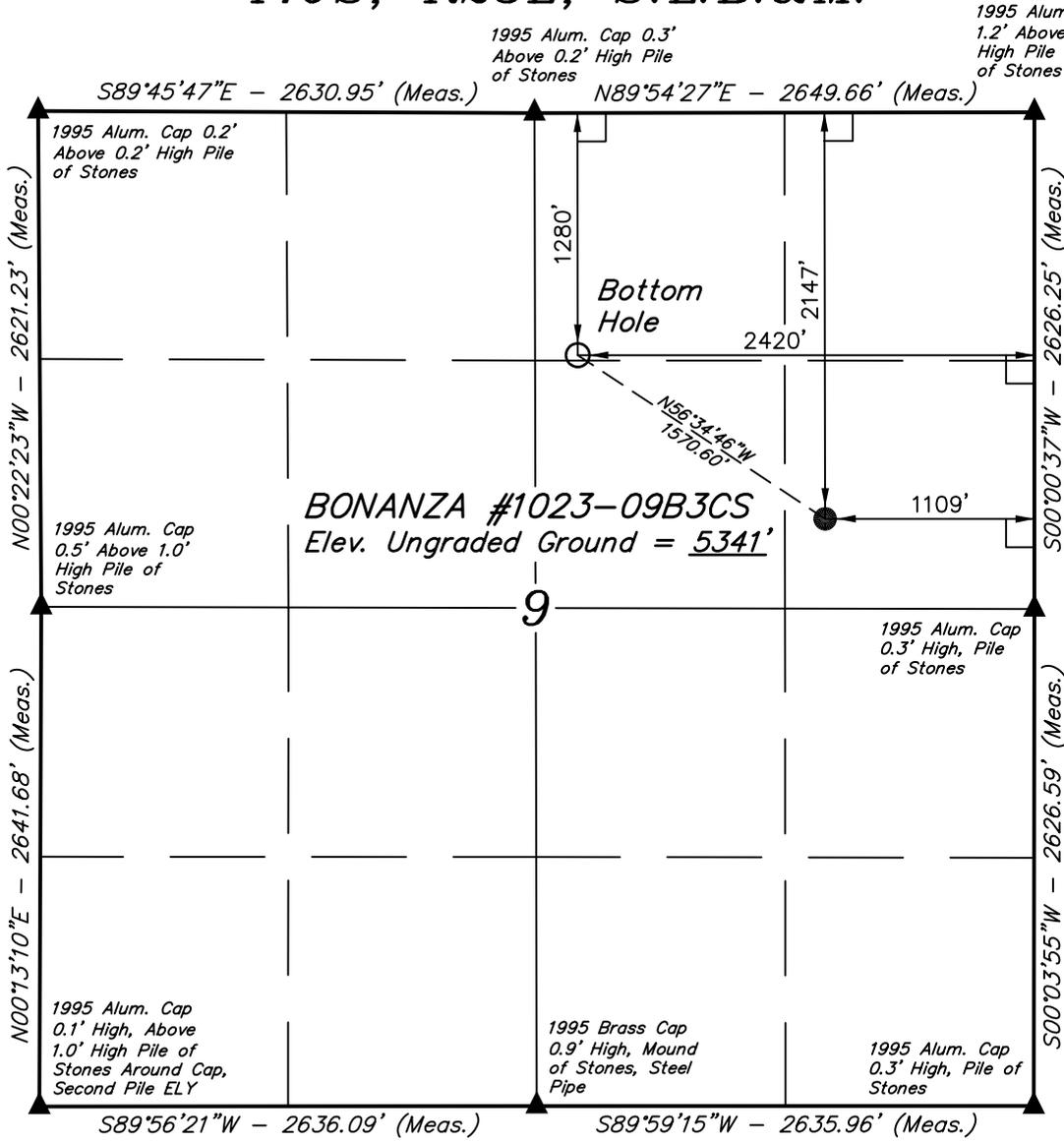
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	9.625	0	2075		
Pipe	Grade	Length	Weight			
	Grade J-55 LT&C	2075	36.0			

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

Kerr-McGee Oil & Gas Onshore LP

1995 Alum. Cap
1.2' Above 1.0'
High Pile
of Stones

Well location, BONANZA #1023-09B3CS, located as shown in the SE 1/4 NE 1/4 of Section 9, T10S, R23E, S.L.B.&M., Uintah County, Utah.

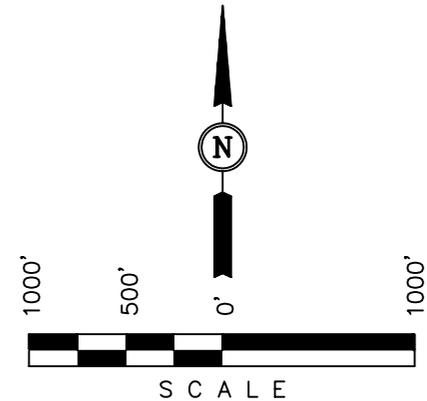


BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHEAST CORNER OF SECTION 10, T10S, R23E, S.L.B.&M. TAKEN FROM THE ASPHALT WASH, 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 5484 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.

Robert Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REVISED: 11-26-08 D.P.

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°58'01.87" (39.967186)	LATITUDE = 39°57'53.32" (39.964811)
LONGITUDE = 109°19'52.08" (109.331133)	LONGITUDE = 109°19'35.25" (109.326458)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 39°58'01.99" (39.967219)	LATITUDE = 39°57'53.44" (39.964844)
LONGITUDE = 109°19'49.64" (109.330456)	LONGITUDE = 109°19'32.81" (109.325781)

SCALE 1" = 1000'	DATE SURVEYED: 10-21-08	DATE DRAWN: 11-04-08
PARTY D.K. D.D. C.C.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE Kerr-McGee Oil & Gas Onshore LP	

APIWellNo:43047505040000



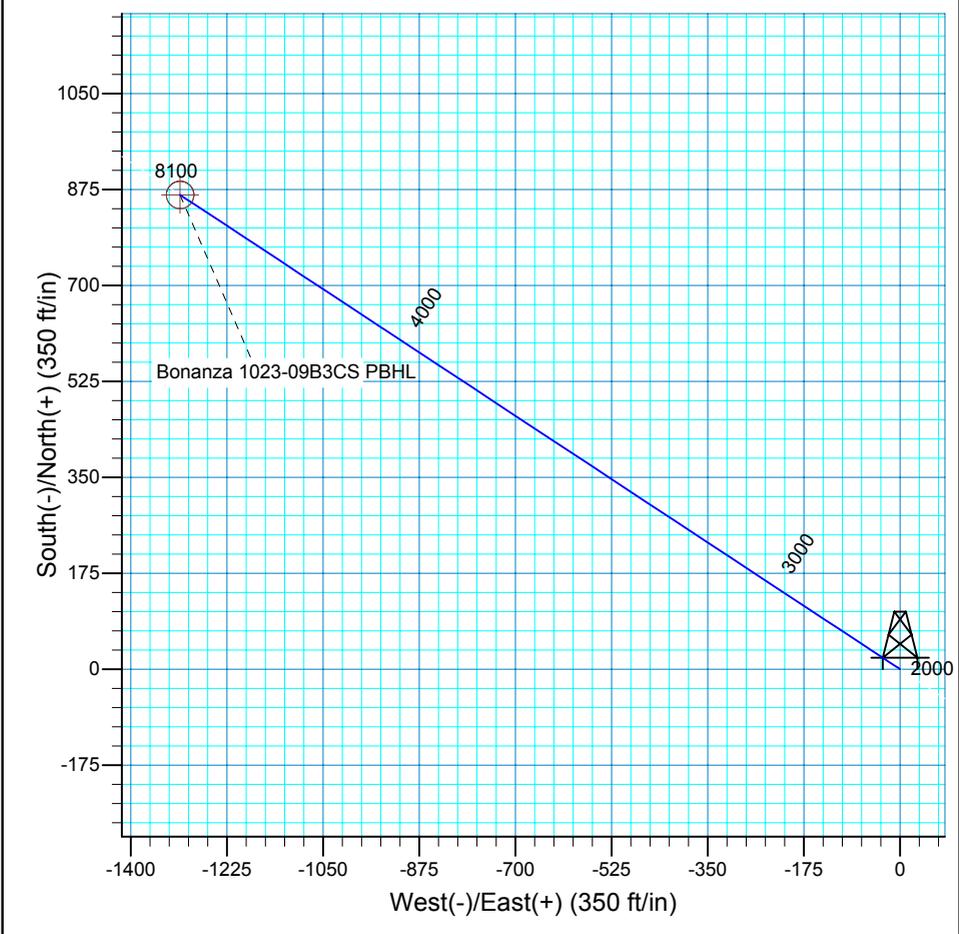
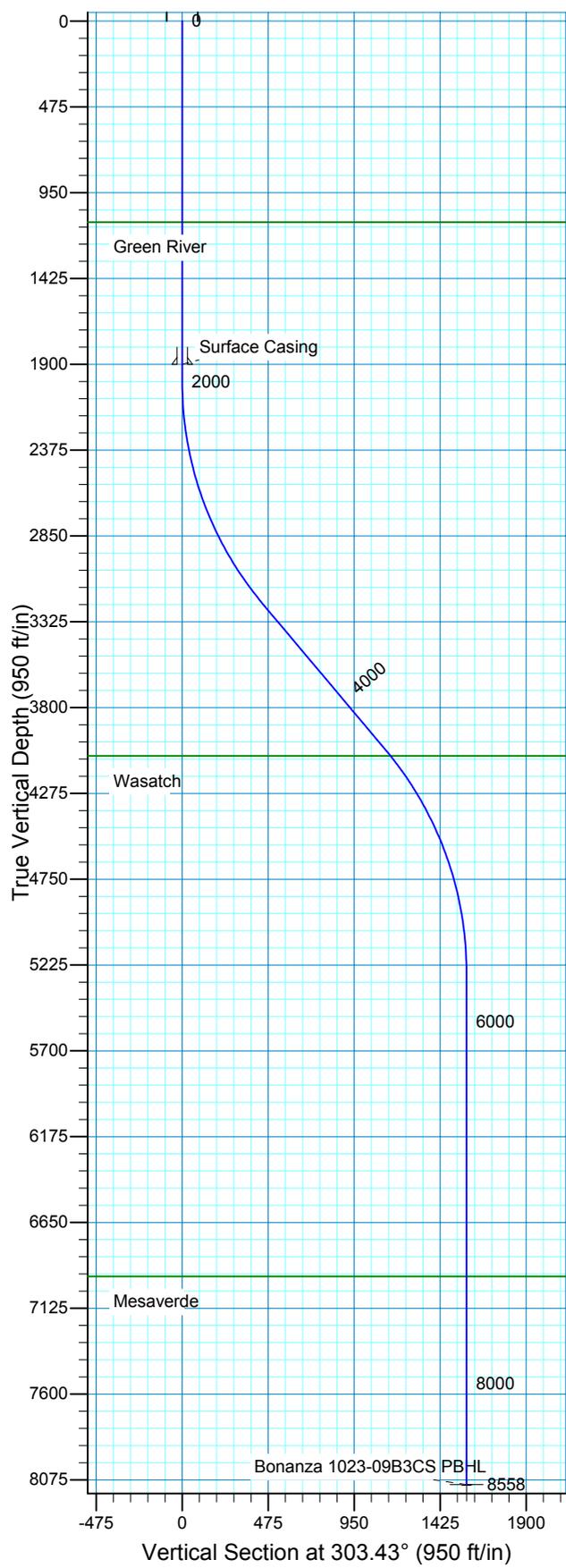
Site: Bonanza 1023-9B Pad
 Well: Bonanza 1023-9B3CS
 Wellbore: OH
 Design: Plan #1

Azimuths to True North
 Magnetic North: 11.28°
 Magnetic Field
 Strength: 52590.0snT
 Dip Angle: 65.94°
 Date: 2009/02/11
 Model: IGRF2005-10

WELL DETAILS: Bonanza 1023-9B3CS

GL 5341' & RKB 18' @ 5359.00ft 5341.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	601647.69	2609349.23	39° 57' 53.440 N	109° 19' 32.810 W



Plan: Plan #1 (Bonanza 1023-9B3CS/OH)

Created By: Julie Cruse Date: 2009-03-04

PROJECT DETAILS: Uintah County, UT NAD27

Geodetic System: US State Plane 1927 (Exact solution)
 Datum: NAD 1927 (NADCON CONUS)
 Ellipsoid: Clarke 1866
 Zone: Utah Central 4302
 Location: Sec 9 T10S R23E
 System Datum: Mean Sea Level
 Local North: True

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	0.00	
3333.33	40.00	303.43	3227.63	246.19	-372.88	3.00	303.43	446.82	
4385.76	40.00	303.43	4033.84	618.93	-937.42	0.00	0.001123.31		
5719.09	0.00	0.00	5261.47	865.12	-1310.30	3.00	180.001570.13		
8557.62	0.00	0.00	8100.00	865.12	-1310.30	0.00	0.001570.13		Bonanza 1023-09B3CS PBHL



Scientific Drilling
Rocky Mountain Operations

Kerr McGee Oil and Gas Onshore LP

Uintah County, UT NAD27

Bonanza 1023-9B Pad

Bonanza 1023-9B3CS

OH

Plan: Plan #1

Standard Planning Report

04 March, 2009



Scientific Drilling
Planning Report

Database:	EDM 2003.16 Multi User DB	Local Co-ordinate Reference:	Well Bonanza 1023-9B3CS
Company:	Kerr McGee Oil and Gas Onshore LP	TVD Reference:	GL 5341' & RKB 18' @ 5359.00ft
Project:	Uintah County, UT NAD27	MD Reference:	GL 5341' & RKB 18' @ 5359.00ft
Site:	Bonanza 1023-9B Pad	North Reference:	True
Well:	Bonanza 1023-9B3CS	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Project	Uintah County, UT NAD27		
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	Bonanza 1023-9B Pad, Sec 9 T10S R23E				
Site Position:		Northing:	601,692.20 ft	Latitude:	39° 57' 53.870 N
From:	Lat/Long	Easting:	2,609,389.43 ft	Longitude:	109° 19' 32.280 W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	1.39 °

Well	Bonanza 1023-9B3CS, 2147' FNL 1109' FEL					
Well Position	+N/-S	0.00 ft	Northing:	601,647.69 ft	Latitude:	39° 57' 53.440 N
	+E/-W	0.00 ft	Easting:	2,609,349.23 ft	Longitude:	109° 19' 32.810 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,341.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	IGRF2005-10	2009/02/11	11.28	65.94	52,590

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.00	0.00	0.00	303.43

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,333.33	40.00	303.43	3,227.63	246.19	-372.88	3.00	3.00	0.00	303.43	
4,385.76	40.00	303.43	4,033.84	618.93	-937.42	0.00	0.00	0.00	0.00	
5,719.09	0.00	0.00	5,261.47	865.12	-1,310.30	3.00	-3.00	0.00	180.00	
8,557.62	0.00	0.00	8,100.00	865.12	-1,310.30	0.00	0.00	0.00	0.00	Bonanza 1023-09B3C

Scientific Drilling

Planning Report



Database:	EDM 2003.16 Multi User DB	Local Co-ordinate Reference:	Well Bonanza 1023-9B3CS
Company:	Kerr McGee Oil and Gas Onshore LP	TVD Reference:	GL 5341' & RKB 18' @ 5359.00ft
Project:	Uintah County, UT NAD27	MD Reference:	GL 5341' & RKB 18' @ 5359.00ft
Site:	Bonanza 1023-9B Pad	North Reference:	True
Well:	Bonanza 1023-9B3CS	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,112.00	0.00	0.00	1,112.00	0.00	0.00	0.00	0.00	0.00	0.00
Green River									
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
Surface Casing									
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	3.00	303.43	2,099.95	1.44	-2.18	2.62	3.00	3.00	0.00
2,200.00	6.00	303.43	2,199.63	5.76	-8.73	10.46	3.00	3.00	0.00
2,300.00	9.00	303.43	2,298.77	12.96	-19.62	23.51	3.00	3.00	0.00
2,400.00	12.00	303.43	2,397.08	23.00	-34.83	41.74	3.00	3.00	0.00
2,500.00	15.00	303.43	2,494.31	35.86	-54.31	65.08	3.00	3.00	0.00
2,600.00	18.00	303.43	2,590.18	51.50	-78.01	93.48	3.00	3.00	0.00
2,700.00	21.00	303.43	2,684.43	69.89	-105.86	126.85	3.00	3.00	0.00
2,800.00	24.00	303.43	2,776.81	90.98	-137.79	165.12	3.00	3.00	0.00
2,900.00	27.00	303.43	2,867.06	114.69	-173.71	208.16	3.00	3.00	0.00
3,000.00	30.00	303.43	2,954.93	140.98	-213.53	255.87	3.00	3.00	0.00
3,100.00	33.00	303.43	3,040.18	169.77	-257.13	308.12	3.00	3.00	0.00
3,200.00	36.00	303.43	3,122.59	200.97	-304.39	364.75	3.00	3.00	0.00
3,300.00	39.00	303.43	3,201.91	234.51	-355.19	425.62	3.00	3.00	0.00
3,333.33	40.00	303.43	3,227.63	246.19	-372.88	446.82	3.00	3.00	0.00
3,400.00	40.00	303.43	3,278.70	269.80	-408.64	489.67	0.00	0.00	0.00
3,500.00	40.00	303.43	3,355.31	305.22	-462.28	553.95	0.00	0.00	0.00
3,600.00	40.00	303.43	3,431.91	340.64	-515.92	618.23	0.00	0.00	0.00
3,700.00	40.00	303.43	3,508.52	376.06	-569.56	682.51	0.00	0.00	0.00
3,800.00	40.00	303.43	3,585.12	411.47	-623.21	746.79	0.00	0.00	0.00
3,900.00	40.00	303.43	3,661.73	446.89	-676.85	811.07	0.00	0.00	0.00
4,000.00	40.00	303.43	3,738.33	482.31	-730.49	875.35	0.00	0.00	0.00
4,100.00	40.00	303.43	3,814.93	517.72	-784.13	939.63	0.00	0.00	0.00
4,200.00	40.00	303.43	3,891.54	553.14	-837.77	1,003.90	0.00	0.00	0.00
4,300.00	40.00	303.43	3,968.14	588.56	-891.41	1,068.18	0.00	0.00	0.00
4,385.76	40.00	303.43	4,033.84	618.93	-937.42	1,123.31	0.00	0.00	0.00
4,400.00	39.57	303.43	4,044.78	623.95	-945.02	1,132.42	3.00	-3.00	0.00
4,428.65	38.71	303.43	4,067.00	633.91	-960.11	1,150.51	3.00	-3.00	0.00
Wasatch									
4,500.00	36.57	303.43	4,123.50	657.92	-996.48	1,194.08	3.00	-3.00	0.00



Scientific Drilling Planning Report

Database: EDM 2003.16 Multi User DB	Local Co-ordinate Reference: Well Bonanza 1023-9B3CS
Company: Kerr McGee Oil and Gas Onshore LP	TVD Reference: GL 5341' & RKB 18' @ 5359.00ft
Project: Uintah County, UT NAD27	MD Reference: GL 5341' & RKB 18' @ 5359.00ft
Site: Bonanza 1023-9B Pad	North Reference: True
Well: Bonanza 1023-9B3CS	Survey Calculation Method: Minimum Curvature
Wellbore: OH	
Design: Plan #1	

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
4,600.00	33.57	303.43	4,205.33	689.58	-1,044.42	1,251.54	3.00	-3.00	0.00	
4,700.00	30.57	303.43	4,290.06	718.83	-1,088.73	1,304.63	3.00	-3.00	0.00	
4,800.00	27.57	303.43	4,377.45	745.61	-1,129.28	1,353.22	3.00	-3.00	0.00	
4,900.00	24.57	303.43	4,467.26	769.82	-1,165.95	1,397.16	3.00	-3.00	0.00	
5,000.00	21.57	303.43	4,559.25	791.41	-1,198.65	1,436.35	3.00	-3.00	0.00	
5,100.00	18.57	303.43	4,653.17	810.32	-1,227.29	1,470.67	3.00	-3.00	0.00	
5,200.00	15.57	303.43	4,748.75	826.49	-1,251.79	1,500.02	3.00	-3.00	0.00	
5,300.00	12.57	303.43	4,845.74	839.89	-1,272.08	1,524.33	3.00	-3.00	0.00	
5,400.00	9.57	303.43	4,943.86	850.47	-1,288.10	1,543.54	3.00	-3.00	0.00	
5,500.00	6.57	303.43	5,042.86	858.21	-1,299.82	1,557.58	3.00	-3.00	0.00	
5,600.00	3.57	303.43	5,142.46	863.08	-1,307.20	1,566.42	3.00	-3.00	0.00	
5,700.00	0.57	303.43	5,242.38	865.07	-1,310.22	1,570.04	3.00	-3.00	0.00	
5,719.09	0.00	0.00	5,261.47	865.12	-1,310.30	1,570.13	3.00	-3.00	0.00	
5,800.00	0.00	0.00	5,342.38	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	
5,900.00	0.00	0.00	5,442.38	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	
6,000.00	0.00	0.00	5,542.38	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	
6,100.00	0.00	0.00	5,642.38	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	
6,200.00	0.00	0.00	5,742.38	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	
6,300.00	0.00	0.00	5,842.38	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	
6,400.00	0.00	0.00	5,942.38	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	
6,500.00	0.00	0.00	6,042.38	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	
6,600.00	0.00	0.00	6,142.38	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	
6,700.00	0.00	0.00	6,242.38	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	
6,800.00	0.00	0.00	6,342.38	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	
6,900.00	0.00	0.00	6,442.38	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	
7,000.00	0.00	0.00	6,542.38	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	
7,100.00	0.00	0.00	6,642.38	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	
7,200.00	0.00	0.00	6,742.38	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	
7,300.00	0.00	0.00	6,842.38	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	
7,400.00	0.00	0.00	6,942.38	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	
7,405.62	0.00	0.00	6,948.00	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	
Mesaverde										
7,500.00	0.00	0.00	7,042.38	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	
7,600.00	0.00	0.00	7,142.38	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	
7,700.00	0.00	0.00	7,242.38	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	
7,800.00	0.00	0.00	7,342.38	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	
7,900.00	0.00	0.00	7,442.38	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	
8,000.00	0.00	0.00	7,542.38	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	
8,100.00	0.00	0.00	7,642.38	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	
8,200.00	0.00	0.00	7,742.38	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	
8,300.00	0.00	0.00	7,842.38	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	
8,400.00	0.00	0.00	7,942.38	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	
8,500.00	0.00	0.00	8,042.38	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	
8,557.62	0.00	0.00	8,100.00	865.12	-1,310.30	1,570.13	0.00	0.00	0.00	



Scientific Drilling
Planning Report

Database:	EDM 2003.16 Multi User DB	Local Co-ordinate Reference:	Well Bonanza 1023-9B3CS
Company:	Kerr McGee Oil and Gas Onshore LP	TVD Reference:	GL 5341' & RKB 18' @ 5359.00ft
Project:	Uintah County, UT NAD27	MD Reference:	GL 5341' & RKB 18' @ 5359.00ft
Site:	Bonanza 1023-9B Pad	North Reference:	True
Well:	Bonanza 1023-9B3CS	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
- Shape									
Bonanza 1023-09B3CS - plan hits target center - Circle (radius 25.00)	0.00	0.00	8,100.00	865.12	-1,310.30	602,480.71	2,608,018.30	39° 58' 1.990 N	109° 19' 49.640 W

Casing Points					
Measured Depth	Vertical Depth	Name	Casing Diameter	Hole Diameter	
(ft)	(ft)		(in)	(in)	
1,900.00	1,900.00	Surface Casing	9.625	13.500	

Formations						
Measured Depth	Vertical Depth	Name	Lithology	Dip	Dip Direction	
(ft)	(ft)			(°)	(°)	
1,112.00	1,112.00	Green River		0.00		
4,428.65	4,067.00	Wasatch		0.00		
7,405.62	6,948.00	Mesaverde		0.00		

Bonanza 1023-9B3CS

Pad: Bonanza 1023-9H
Surface: 2,147' FNL, 1,109' FEL (SE/4NE/4)
BHL: 1,280' FNL 2,420' FEL (NW/4NE/4)
Sec. 9 T10S R23E

Uintah, Utah
Mineral Lease: UTU37355

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	1,112'	
Birds Nest	1,364'	Water
Mahogany	1,874'	Water
Wasatch	4,067'	Gas
Mesaverde	6,032'	Gas
MVU2	6,948'	Gas
MVL1	7,476'	Gas
TVD	8,100'	
TD	8,558'	

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 8,558' TD, approximately equals 5,065 psi (calculated at 0.57 psi/foot).

Maximum anticipated surface pressure equals approximately 3,012 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	1.07	2.08	7.72
						7,780	6,350	201,000
PRODUCTION	4-1/2"	0 to 8,558	11.60	I-80	LTC	2.51	1.30	2.32

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*Buoys.Fact. of water)
MASP 3,012 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*Buoys.Fact. of water)
MABHP 5,065 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
NOTE: If well will circulate water to surface, option 2 will be utilized							
SURFACE	LEAD	1,575'	65/35 Poz + 6% Gel + 10 pps gilsonite + 0.25 pps Flocele + 3% salt BWOW	370	35%	12.60	1.81
Option 2	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	3,558'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	340	40%	11.00	3.38
	TAIL	5,000'	50/50 Poz/G + 10% salt + 2% gel + 0.1% R-3	1,230	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.

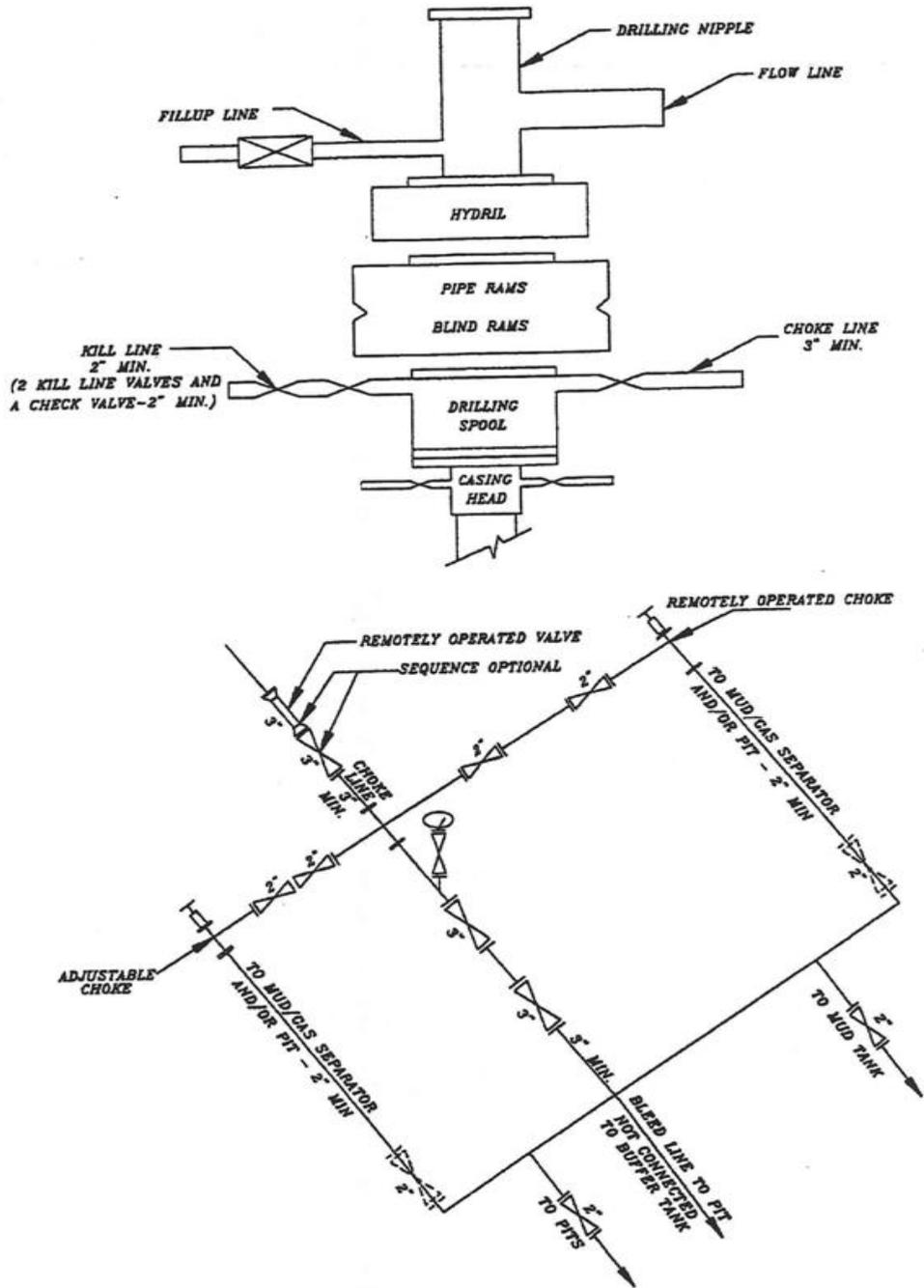
Surveys will be taken at 1,000' minimum intervals.

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 1023-9B3CS



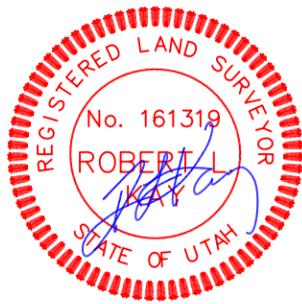
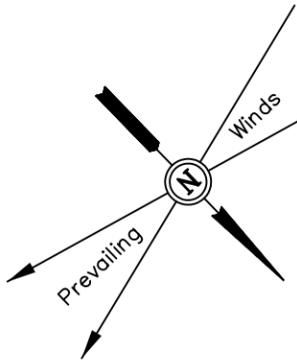
SCHMATIC DIAGRAM OF 5,000 PSI BOP STACK

Kerr-McGee Oil & Gas Onshore LP

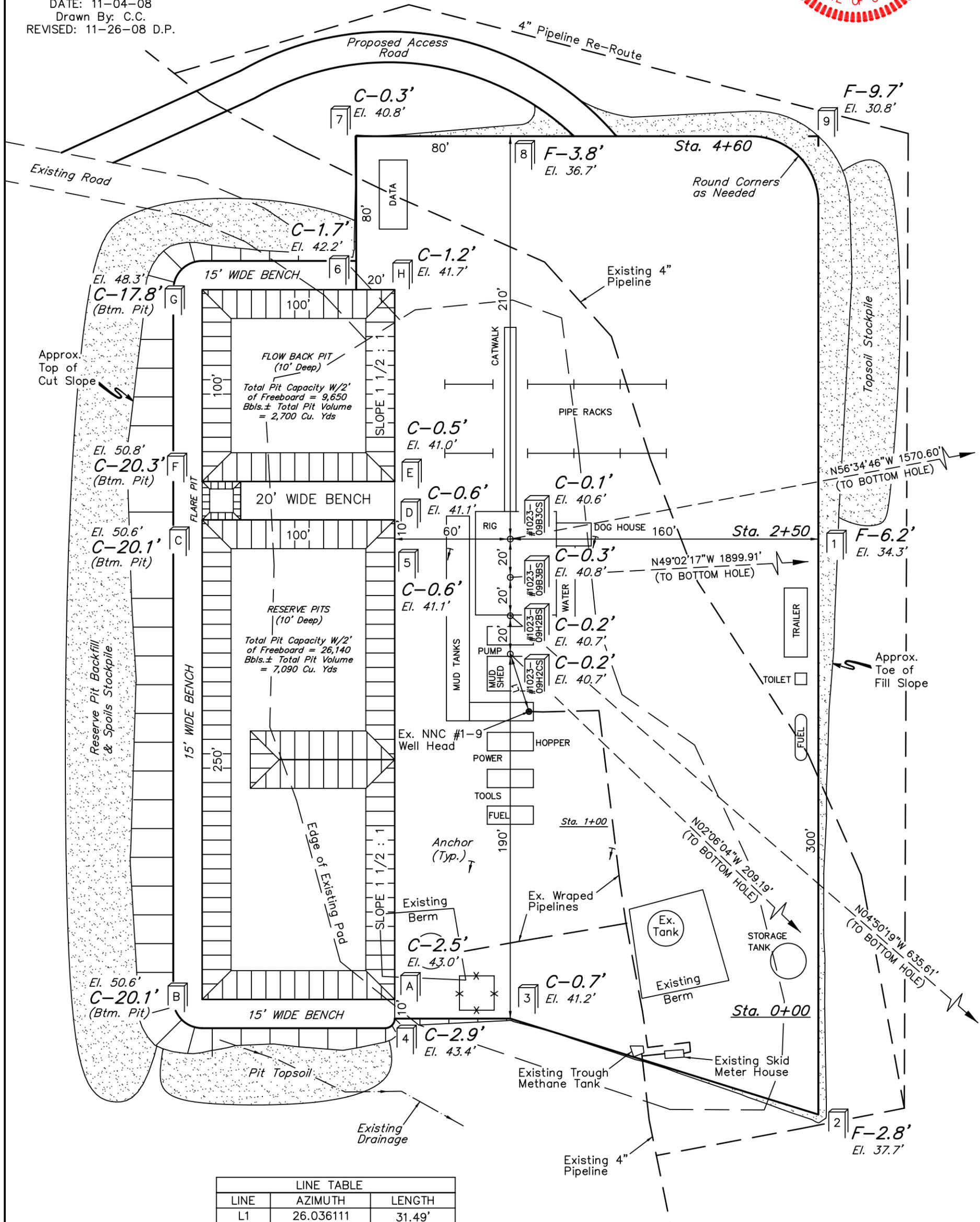
LOCATION LAYOUT FOR

BONANZA #1023-09B3BS, #1023-09H2BS, #1023-09H2CS, #1023-09B3CS
SECTION 9, T10S, R23E, S.L.B.&M.
SE 1/4 NE 1/4

FIGURE #1



SCALE: 1" = 50'
DATE: 11-04-08
Drawn By: C.C.
REVISED: 11-26-08 D.P.



LINE TABLE		
LINE	AZIMUTH	LENGTH
L1	26.036111	31.49'

NOTES:

Elev. Ungraded Ground At #1023-09B3CS Loc. Stake = 5340.6'
FINISHED GRADE ELEV. AT #1023-09B3CS LOC. STAKE = 5340.5'

Kerr-McGee Oil & Gas Onshore LP

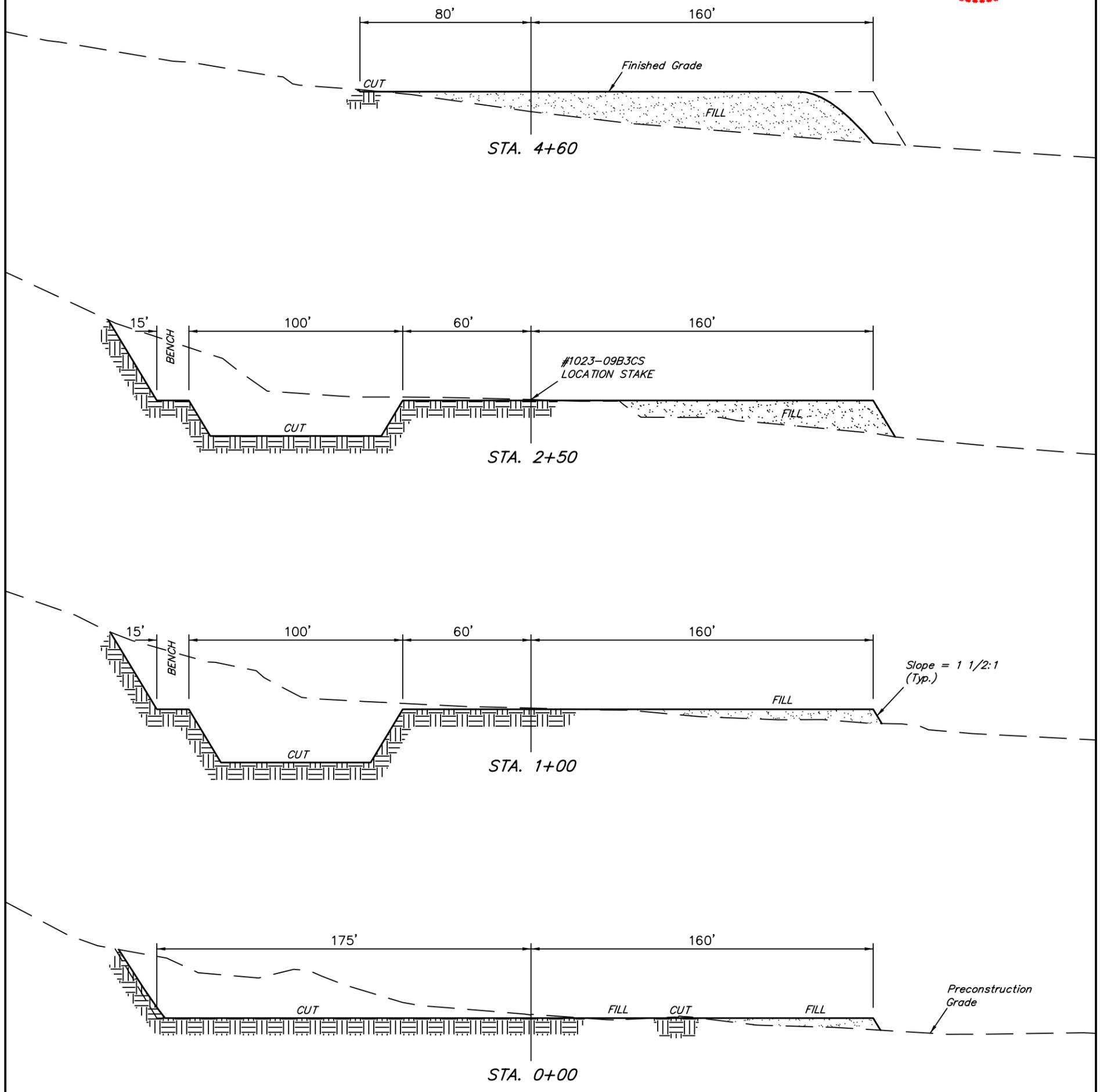
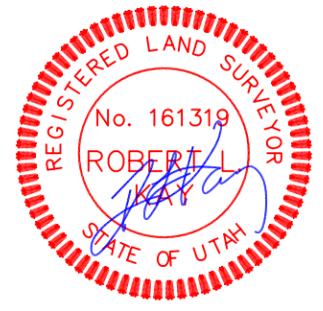
TYPICAL CROSS SECTIONS FOR

BONANZA #1023-09B3BS, #1023-09H2BS, #1023-09H2CS, #1023-09B3CS
SECTION 9, T10S, R23E, S.L.B.&M.
SE 1/4 NE 1/4

FIGURE #2

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

DATE: 11-04-08
Drawn By: C.C.
REVISED: 11-26-08 D.P.



APPROXIMATE ACREAGES

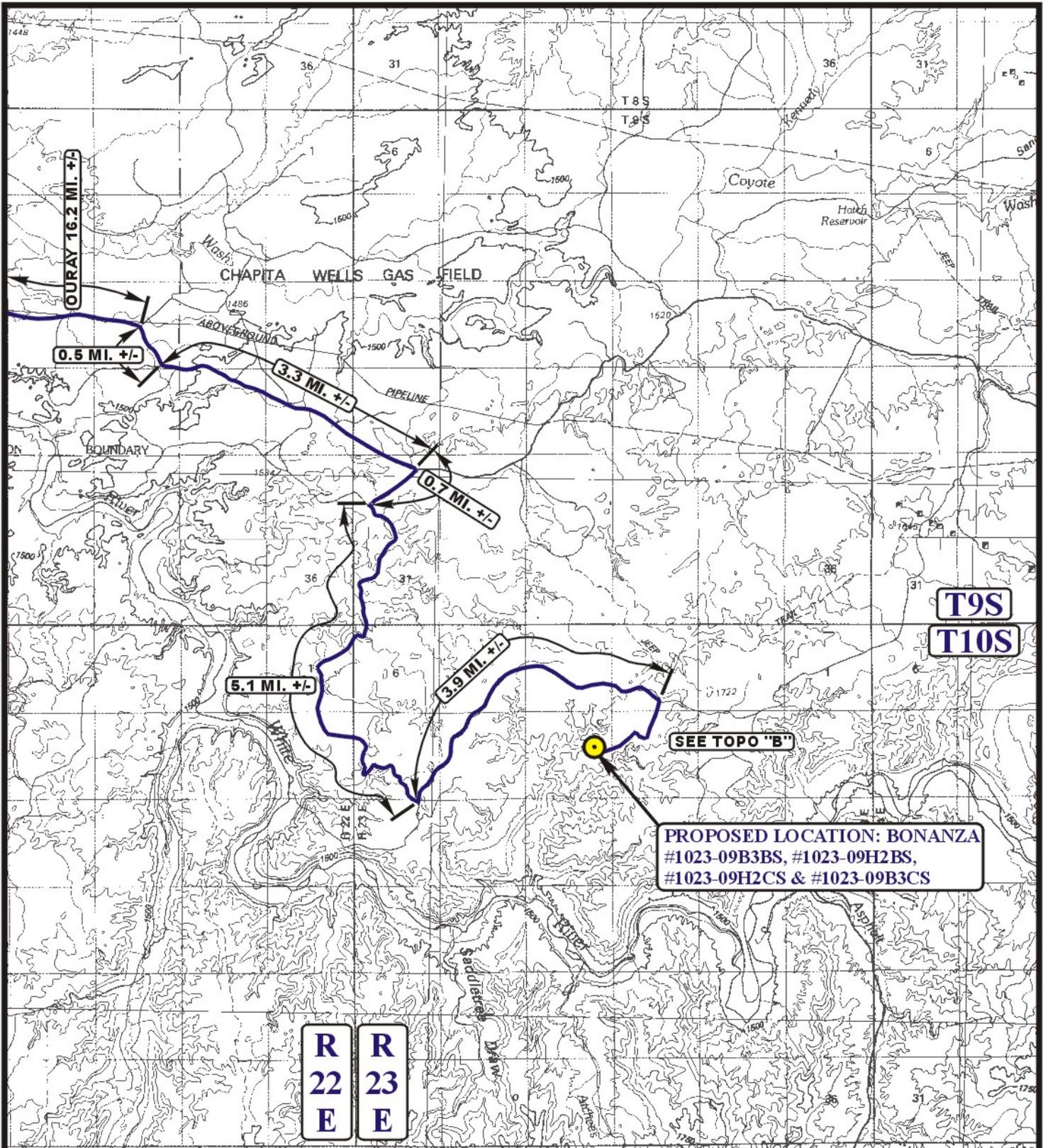
EXISTING WELL SITE DISTURBANCE	= ± 1.637 ACRES
NEW CONSTRUCTION WELL SITE DISTURBANCE	= ± 2.829 ACRES
ACCESS ROAD DISTURBANCE	= ± 0.209 ACRES
PIPELINE DISTURBANCE	= ± 2.147 ACRES
TOTAL	= ± 6.822 ACRES

* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

EXCESS MATERIAL	= 8,550 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 6,710 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 1,840 Cu. Yds.

APPROXIMATE YARDAGES

(6") Topsoil Stripping (New Construction Only)	= 1,810 Cu. Yds.
Remaining Location	= 19,220 Cu. Yds.
TOTAL CUT	= 21,030 CU.YDS.
FILL	= 12,480 CU.YDS.



SEE TOPO "B"

PROPOSED LOCATION: BONANZA
 #1023-09B3BS, #1023-09H2BS,
 #1023-09H2CS & #1023-09B3CS

R 22 E
R 23 E

LEGEND:

PROPOSED LOCATION

Kerr-McGee Oil & Gas Onshore LP

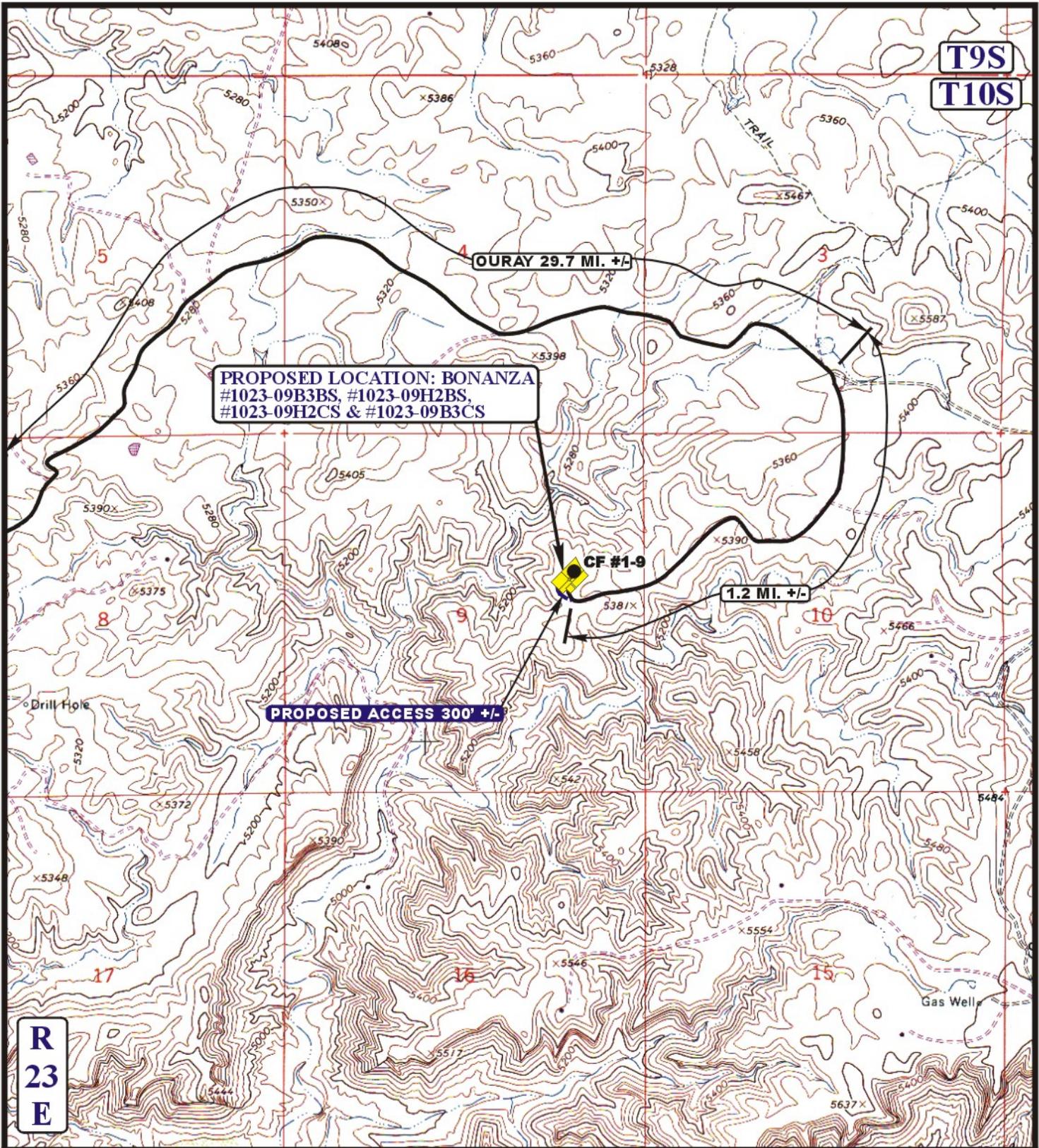
**BONANZA #1023-09B3BS, #1023-09H2BS,
 #1023-09H2CS & #1023-09B3CS
 SECTION 9, T10S, R23E, S.L.B.&M.
 SE 1/4 NE 1/4**

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



TOPOGRAPHIC MAP 10 29 08
 MONTH DAY YEAR
 SCALE: 1:100,000 DRAWN BY: J.H. REV: 12-01-08 D.P.





**R
23
E**

LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD

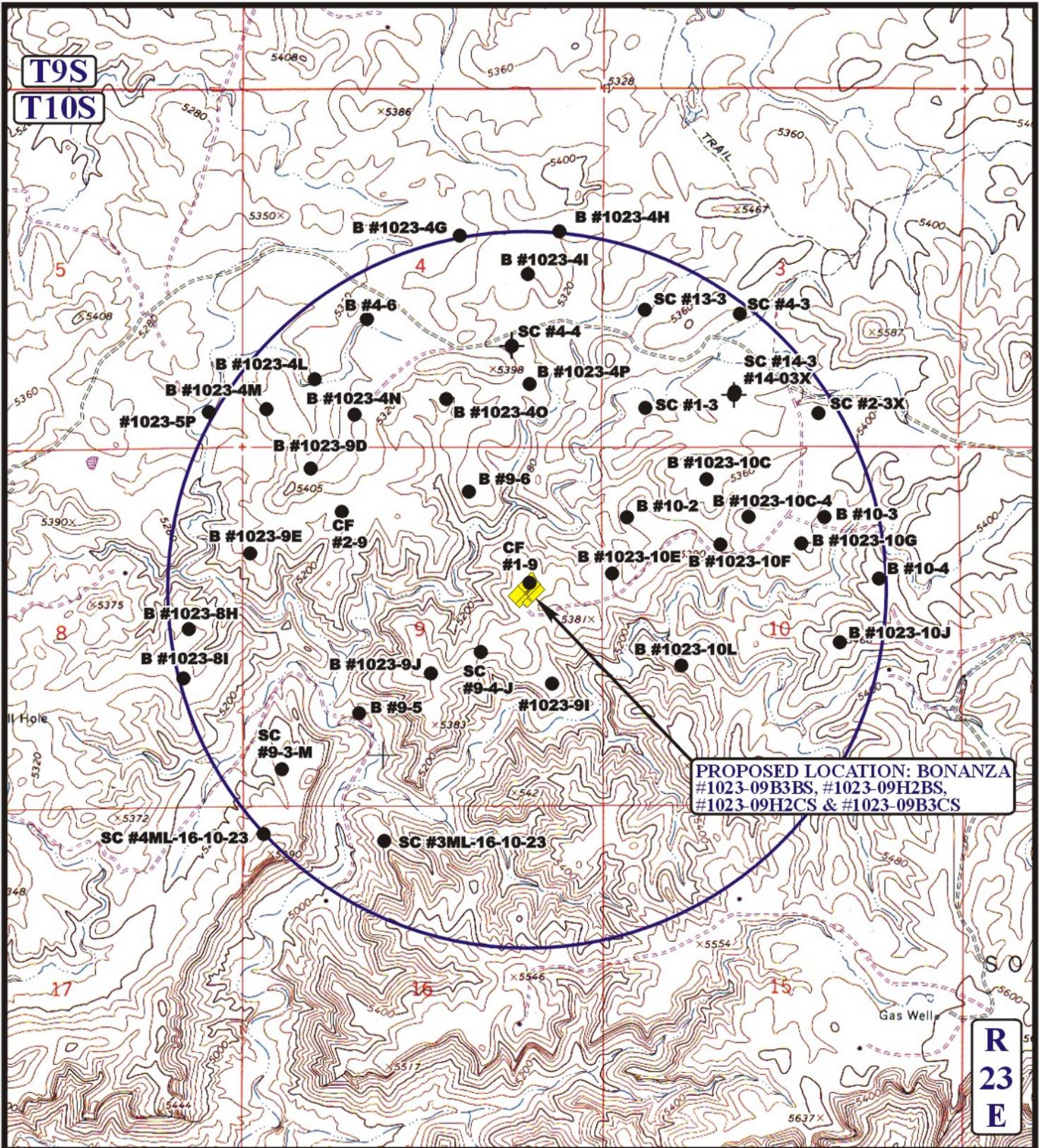


Kerr-McGee Oil & Gas Onshore LP

**BONANZA #1023-09B3BS, #1023-09H2BS,
#1023-09H2CS & #1023-09B3CS
SECTION 9, T10S, R23E, S.L.B.&M.
SE 1/4 NE 1/4**

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

TOPOGRAPHIC **10 29 08**
MAP MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: J.H. REV: 12-01-08 D.P. **B TOPO**



PROPOSED LOCATION: BONANZA
 #1023-09B3BS, #1023-09H2BS,
 #1023-09H2CS & #1023-09B3CS

LEGEND:

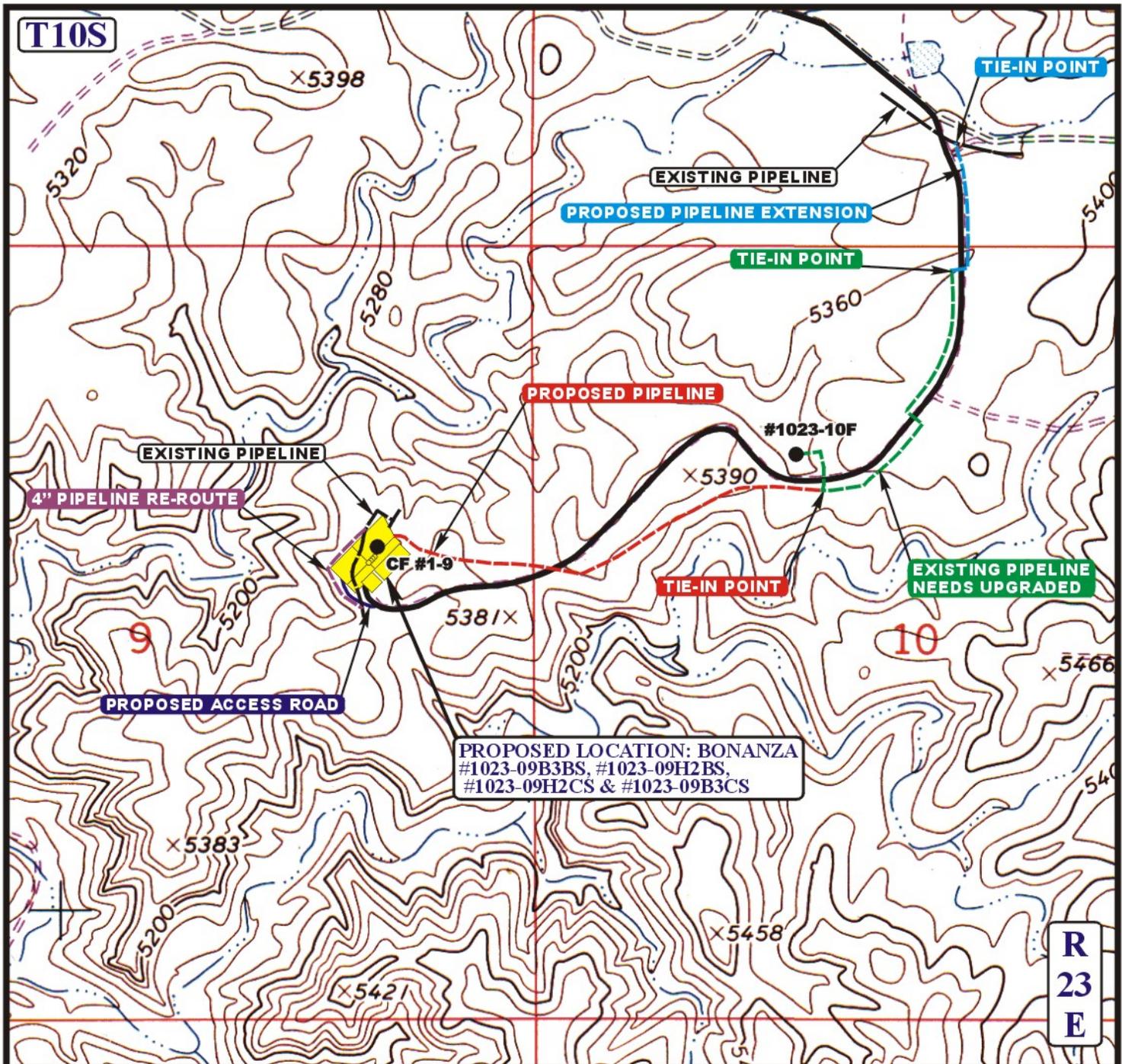
- | | |
|-------------------|-------------------------|
| ⊗ DISPOSAL WELLS | ⊗ WATER WELLS |
| ● PRODUCING WELLS | ● ABANDONED WELLS |
| ● SHUT IN WELLS | ● TEMPORARILY ABANDONED |



Kerr-McGee Oil & Gas Onshore LP
BONANZA #1023-09B3BS, #1023-09H2BS,
#1023-09H2CS & #1023-09B3CS
 SECTION 9, T10S, R23E, S.L.B.&M.
 SE 1/4 NE 1/4

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

TOPOGRAPHIC MAP 10 29 08
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: J.H. REV: 12-01-08 D.P. **C TOPO**



PROPOSED LOCATION: BONANZA
 #1023-09B3BS, #1023-09H2BS,
 #1023-09H2CS & #1023-09B3CS

APPROXIMATE TOTAL PIPELINE EXTENSION DISTANCE = 990' +/-
APPROXIMATE TOTAL PIPELINE UPGRADE DISTANCE = 2,480' +/-
APPROXIMATE TOTAL PIPELINE RE-ROUTE DISTANCE = 710' +/-
APPROXIMATE TOTAL PIPELINE DISTANCE = 3,120' +/-

LEGEND:

- EXISTING PIPELINES
- PROPOSED PIPELINE
- PROPOSED PIPELINE RE-ROUTE
- 4" PIPELINE UPGRAD TO 6" PIPELINE
- PROPOSED PIPELINE EXTENSION



Kerr-McGee Oil & Gas Onshore LP
BONANZA #1023-09B3BS, #1023-09H2BS,
#1023-09H2CS & #1023-09B3CS
SECTION 9, T10S, R23E, S.L.B.&M.
SE 1/4 NE 1/4

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

TOPOGRAPHIC **10 29 08**
MAP MONTH DAY YEAR
 SCALE: 1" = 1000' DRAWN BY: J.H. REV: 12-01-08 D.P. **D**
TOPO

Kerr-McGee Oil & Gas Onshore LP
BONANZA #1023-09B3BS, #1023-09H2BS,
#1023-09H2CS & #1023-09B3CS
LOCATED IN UTAH COUNTY, UTAH
SECTION 9, T10S, R23E, S.L.B.&M.
PIPELINE ALIGNMENT



PHOTO: VIEW OF PIPELINE TIE IN POINT

CAMERA ANGLE: WESTERLY



PHOTO: VIEW OF PIPELINE ALIGNMENT

CAMERA ANGLE: SOUTHWESTERLY



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

- Since 1964 -

LOCATION PHOTOS	10	29	08	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: L.K.	DRAWN BY: J.H.		REV: 12-01-08 D.P.	

Kerr-McGee Oil & Gas Onshore LP
BONANZA #1023-09B3BS, #1023-09H2BS,
#1023-09H2CS & #1023-09B3CS
LOCATED IN UTAH COUNTY, UTAH
SECTION 9, T10S, R23E, S.L.B.&M.

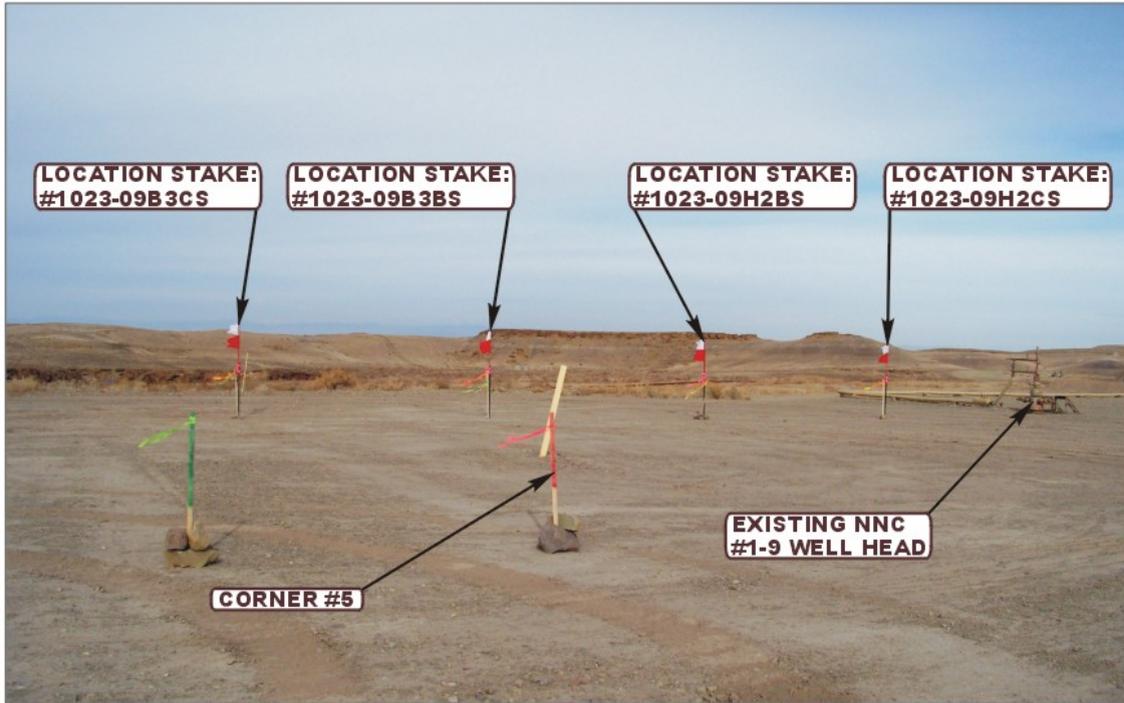


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW OF BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

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 (435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS	10	29	08	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: L.K.	DRAWN BY: J.H.		REV: 12-01-08 D.P.	

**Kerr-McGee Oil & Gas Onshore LP
BONANZA #1023-09B3BS, #1023-09H2BS,
#1023-09H2CS & #1023-09B3C
SECTION 9, T10S, R23E, S.L.B.&M.**

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 3.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 5.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHEASTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE EAST; FOLLOW ROAD FLAGS IN AN EASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 61.3 MILES.

Bonanza 1023-9B3BS

Surface: 2,133' FNL, 1,095' FEL (SE/4NE/4)
BHL: 885' FNL 2,530' FEL (NW/4NE/4)

Bonanza 1023-9B3CS

Pad: Bonanza 1023-9B
Surface: 2,147' FNL, 1,109' FEL (SE/4NE/4)
BHL: 1,280' FNL 2,420' FEL (NW/4NE/4)

Bonanza 1023-9H2BS

Surface: 2,118' FNL, 1,081' FEL (SE/4NE/4)
BHL: 1,485' FNL 1,135' FEL (SE/4NE/4)

Bonanza 1023-9H2CS

Surface: 2,104' FNL, 1,067' FEL (SE/4NE/4)
BHL: 1,895' FNL 1,075' FEL (SE/4NE/4)

Pad: Bonanza 1023-9H
Sec. 9 T10S R23E

Uintah, Utah
Mineral Lease: UTU37355

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 January, 2009 showing the surface locations in SE/4 NE/4 of Section 9 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 ±0.1 miles (±300') 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.

KMG will construct a second pit during completion operations due to the volume of fluids used with a 4-well frac. The pit will be lined and fenced per BLM requirements. KMG is also requesting the pit stay open for 1 year to utilize for additional 4 well completions in the area. If determined that the pit is not needed within the 1 year; the fluids will be removed and pit reclaimed.

The following guidelines will apply if the well is productive.

Approximately ±3,120' of new pipeline is proposed, ±990' of new pipeline will be extended, ±2,480' of pipeline will be upgraded from 4" to 6" and ±710' of pipeline will be re-routed. Refer to Topo D for the existing and proposed 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
Danielle Piernot

June 16, 2009
Date

'APIWellNo:43047505040000'



Kerr-McGee Oil & Gas Onshore LP
P.O. Box 173779
Denver, CO 80217-3779

April 6, 2009

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

Re: Exception Location R649-3-3 and Directional Drilling R649-3-11
Bonanza 1023-09B3CS
T10S- R23E
Section 9: SENE/NWNE
2147' FNL, 1109' FEL (surface)
1280' FNL, 2420' FEL (bottom hole)
Uintah County, Utah

Dear Ms. Mason:

Pursuant to the filing of Kerr-McGee Oil & Gas Onshore LP's (Kerr-McGee) Application for Permit to Drill regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-3 and Rule R649-3-11 pertaining to the Exception to Location and Sitting of Wells.

- Kerr-McGee's Bonanza 1023-09B3CS is located within the area covered by Docket No. 2008-011 authorizing the equivalent of an approximate 10-acre well density pattern, and requiring approval for wells drilled at an exception location and wells drilled directionally in accordance with the referenced rules.
- Kerr-McGee is permitting this well at this location and as a directional well in order to minimize surface disturbance. Locating the well at the surface location and directionally drilling from this location, Kerr-McGee will be able to utilize the existing roads and pipelines in the area.
- Furthermore, Kerr-McGee certifies that it is the sole working interest owner within 460 feet of the entire directional well bore.

Therefore, based on the above stated information Kerr-McGee Oil & Gas Onshore LP requests the permit be granted pursuant to Rule R649-3-3 and Rule R649-3-11.

Sincerely,

KERR-MCGEE OIL & GAS ONSHORE LP

Jessy Pink
Landman

CULTURAL RESOURCE INVENTORY OF
KERR-MCGEE OIL AND GAS ONSHORE LP'S
TWELVE PROPOSED WELL LOCATIONS
IN TOWNSHIP 10S, RANGE 23E, SECTIONS 9, 17, AND 18,
UINTAH COUNTY, UTAH

By:

Patricia Stavish

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. 09-012

March 20, 2009

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

State of Utah Antiquities Project (Survey)
Permit No. U-09-MQ-0113b

IPC #09-08

Paleontological Reconnaissance Survey Report

**Survey of Kerr McGee's Proposed Multi-Well Pads, Access Road,
Pipeline, Pipeline Re-Route and Upgrade for "Bonanza #1023-
9B3BS, 9B3CS, 9H2BS & 9H2CS and #1023-10A2DS,
A4BS, H1BS, & H2DS" (Sec. 9-11, T 10 S, R 23 E)**

Asphalt Wash
Topographic Quadrangle
Uintah County, Utah

March 16, 2009

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



Grasslands Consulting, Inc.

4800 Happy Canyon Road, Suite 110, Denver, CO 80237

(303) 759-5377 Office (303) 759-5324 Fax

SPECIAL STATUS PLANT AND WILDLIFE SPECIES REPORT

Operator: Kerr McGee Oil & Gas Onshore LP

Well(s): Bonanza 1023-9H (Bores 9B3CS, 9B3BS, H2BS, and H2CS)

Pipeline(s): Proposed pipeline adjacent to existing access road extending approximately 1.5 miles east and north of the location into Sections 10 and 3.

Access Road: Proposed access road from existing access road south of location.

Location (STR): Sections 9, 10 and 3, Township 10 South, Range 23 East

Survey-Species: Uinta Basin Hookless Cactus *Sclerocactus wetlandicus*, Raptor Survey

Date(s): 05/05/2009

Observer(s): Grasslands Consulting, Inc. Biologists: Nick Hall, Dan Hamilton, and Jonathan Sexauer. Technician: Chad Johnson.

Weather: Partly cloudy, 60-75°F, 5-10mph winds.

API Number: 4304750504

Well Name: Bonanza 1023-9B3CS

Township 10.0 S Range 23.0 E Section 9

Meridian: SLBM

Operator: KERR-MCGEE OIL & GAS ONSHORE, L.P.

Map Prepared:

Map Produced by Diana Mason

Sections Wells Query Events

<all other values>

GIS_STAT_TYPE

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APD

DRL

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GS

LA

NEW

OPS

PA

PGW

POW

RET

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TW

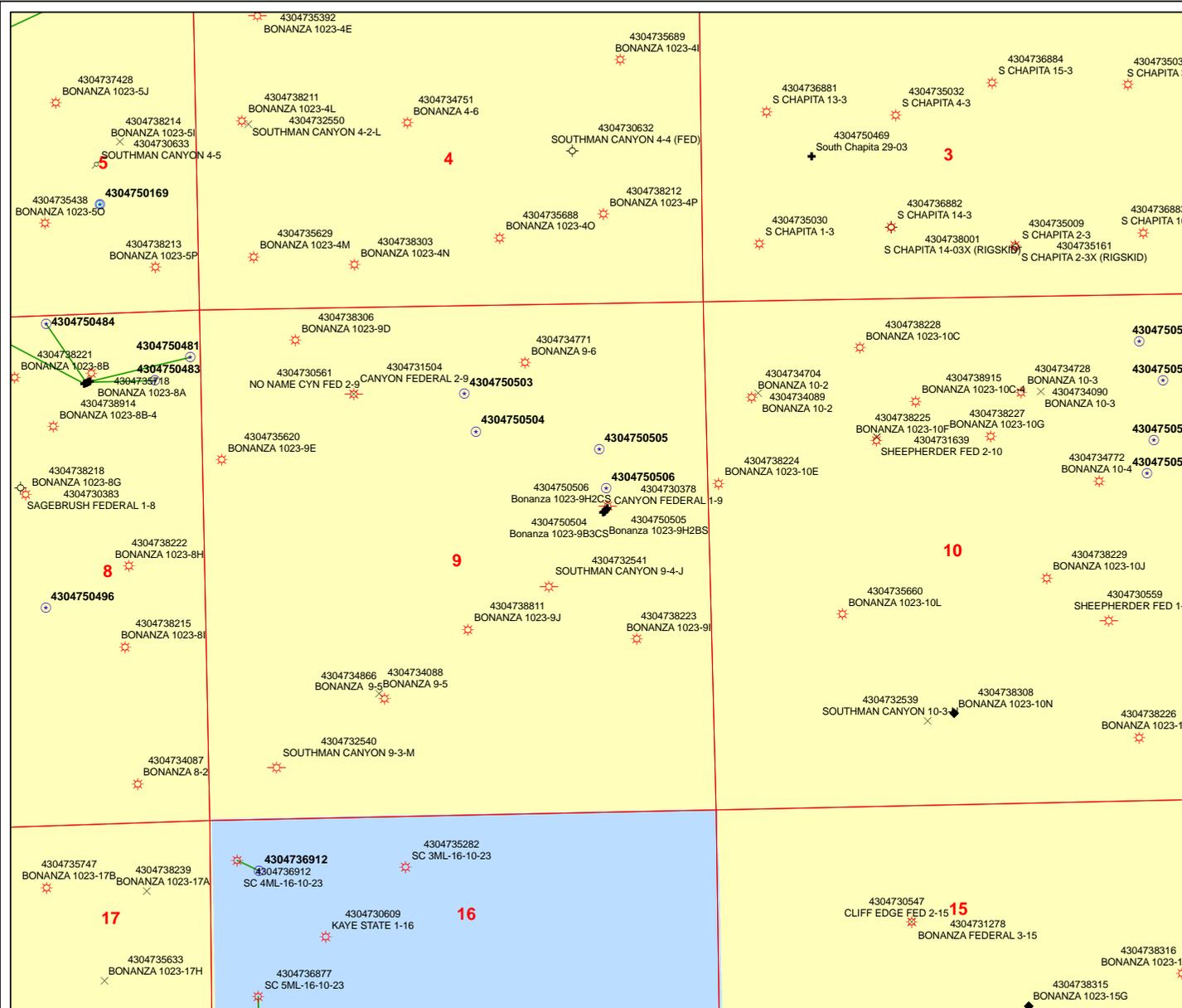
WD

WI

WS



1:12,892



WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 6/19/2009

API NO. ASSIGNED: 43047505040000

WELL NAME: Bonanza 1023-9B3CS

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

PHONE NUMBER: 720 929-6156

CONTACT: Danielle Piernot

PROPOSED LOCATION: SENE 9 100S 230E

Permit Tech Review:

SURFACE: 2147 FNL 1109 FEL

Engineering Review:

BOTTOM: 1280 FNL 2420 FEL

Geology Review:

COUNTY: UINTAH

LATITUDE: 39.96487

LONGITUDE: -109.32585

UTM SURF EASTINGS: 642985.00

NORTHINGS: 4424990.00

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 1023-9B3CS
API Well Number: 43047505040000
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:

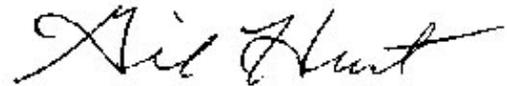
- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)
- OR
- submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <http://oilgas.ogm.utah.gov>

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

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 1023-9B3CS
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047505040000
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: 2147 FNL 1109 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 9 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: 6/30/2010	<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 checked="" 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.

Kerr-McGee Oil & Gas Onshore, L.P. (Kerr-McGee) respectfully requests an extension to this APD for the maximum time allowed. Please contact the undersigned with any questions and/or comments. Thank you.

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

Date: June 30, 2010

By: 

NAME (PLEASE PRINT) Danielle Piernot	PHONE NUMBER 720 929-6156	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 6/29/2010	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources
Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047505040000

API: 43047505040000

Well Name: Bonanza 1023-9B3CS

Location: 2147 FNL 1109 FEL QTR SENE SEC 9 TWP 100S RNG 230E MER S

Company Permit Issued to: KERR-MCGEE OIL & GAS ONSHORE, L.P.

Date Original Permit Issued: 6/30/2009

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated?
• Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?
• Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?
• Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?
• Has the approved source of water for drilling changed?
• Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?
• Is bonding still in place, which covers this proposed well?

Approved by the Utah Division of Oil, Gas and Mining

Signature: Danielle Piernot

Date: 6/29/2010

Title: Regulatory Analyst Representing: KERR-MCGEE OIL & GAS ONSHORE, L.P.

Date: June 30, 2010

By:

[Handwritten signature]

RECEIVED

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUN 20 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 KERRMCGEE OIL&GAS ONSHORE LP		7. If Unit or CA Agreement, Name and No.
3a. Address PO BOX 173779 DENVER, CO 80202-3779		8. Lease Name and Well No. BONANZA 1023-9B3CS
3b. Phone No. (include area code) Ph: 720-929-6156 Fx: 720-929-7156		9. API Well No. K3-047-50504
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SENE 2147FNL 1109FEL 39.96481 N Lat, 109.32646 W Lon At proposed prod. zone NWNE 1280FNL 2420FEL 39.96719 N Lat, 109.33113 W Lon		10. Field and Pool, or Exploratory NATURAL BUTTES
14. Distance in miles and direction from nearest town or post office* APPROXIMATELY 31 MILES SOUTHEAST OF OURAY, UTAH		11. Sec., T., R., M., or Blk. and Survey or Area Sec 9 T10S R23E Mer SLB
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1280 FEET	16. No. of Acres in Lease 1920.00	12. County or Parish UINTAH
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. APPROXIMATELY 410 FEET	19. Proposed Depth 8558 MD 8100 TVD	13. State UT
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5341 GL	22. Approximate date work will start 07/14/2009	17. Spacing Unit dedicated to this well 320.00
		20. BLM/BIA Bond No. on file WYB000291
		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:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the authorized 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) 	Name (Printed/Typed) James H. Sparger	Date JAN 07 2011
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.

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

Additional Operator Remarks (see next page)



Electronic Submission #71209 verified by the BLM Well Information System
For KERRMCGEE OIL&GAS ONSHORE LP, sent to the Vernal
Committed to AFMSS for processing by GAIL JENKINS on 06/24/2009 ()

RECEIVED

JAN 13 2011

DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

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

095X50509A NOS: 01-30-2009



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 and Gas Onshore LP Location: SENE, Sec.9, T10S R23E
Well No: Bonanza 1023-9B3CS Lease No: UTU-37355
API No: 43-047-50504 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 02/05/2007. Therefore, this permit is approved for a two (2) year period OR until lease expiration OR the well must be spud by 02/05/2012 (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_opereport@blm.gov . |
| BOP & Related Equipment Tests
(Notify Supv. Petroleum Tech.) | - Twenty-Four (24) hours prior to initiating pressure tests. |
| First Production Notice
(Notify Petroleum Engineer) | - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

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

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

SITE SPECIFIC CONDITIONS OF APPROVAL

- 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, would 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 would 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 discussed on the onsite conducted on February 3, 2009 the pit shall be lined with double felt.

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

SITE SPECIFIC DOWNHOLE COAs:

- A copy of Kerr McGee's Standard Operating Practices (SOP version: dated 7/17/08 and approved 7/28/08) shall be on location.
- The operator shall comply with all applicable requirements in the SOP (version: "Greater Monument Butte Green River Development Program", June 24, 2008). The operator shall also comply with applicable laws and regulations; with the lease terms, Onshore Oil and Gas Orders, NTL's; and with other orders and instructions of the authorized officer.

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- 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 (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4.

Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: 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:
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1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: BONANZA 1023-9B3CS
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2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047505040000
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3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6515 Ext
---	--

4. LOCATION OF WELL FOOTAGES AT SURFACE: 2147 FNL 1109 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 09 Township: 10.0S Range: 23.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES 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 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 checked="" type="checkbox"/> SPUD REPORT Date of Spud: 3/2/2011	<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.

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'.
 RAN 14" 36.7# SCHEDULE 10 CONDUCTOR PIPE. CMT W/28 SX READY MIX
 SPUD WELL LOCATION ON MARCH 02, 2011 AT 10:00 HRS.

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

NAME (PLEASE PRINT) Gina Becker	PHONE NUMBER 720 929-6086	TITLE Regulatory Analyst II
SIGNATURE N/A		DATE 3/3/2011

BLM - Vernal Field Office - Notification Form

Operator KERR-McGEE OIL & GAS Rig Name/# BUCKET RIG
 Submitted By ANDY LYTLE Phone Number 720.929.6100
 Well Name/Number Bonanza 1023-9B3CS
 Qtr/Qtr SENE Section 9 Township 10S Range 23E
 Lease Serial Number UTU-37355
 API Number 4304750504

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

Date/Time 03/01/2011 08:00 HRS AM PM

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

- Surface Casing
 Intermediate Casing
 Production Casing
 Liner
 Other

Date/Time 03/21/2011 08:00 HRS AM PM

BOPE

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

RECEIVED

FEB 28 2011

DIV. OF OIL, GAS & MINING

Date/Time _____ AM PM

Remarks ESTIMATED DATE AND TIME. PLEASE CONTACT KENNY GATHINGS AT

435.781.7048 OR LOVEL YOUNG AT 435.828.0986

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
4304750504	BONANZA 1023-9B3CS	SENE	9	10S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number		Spud Date		Entity Assignment Effective Date
A	99999	17968		3/2/2011		3/10/11
Comments: MIRU PETE MARTIN BUCKET RIG. <i>WSMVD</i> SPUD WELL LOCATION ON 03/02/2011 AT 10:00 HRS. <i>BAL= NONE</i>						

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)

GINA BECKER

Name (Please Print)

Gina Becker

Signature

REGULATORY ANALYST

3/2/2011

Title

Date

RECEIVED

MAR 07 2011

(5/2000)

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 1023-9B3CS				
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047505040000				
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: 2147 FNL 1109 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 09 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"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 3/23/2011	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <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 </td> <td style="width: 33%; vertical-align: top;"> <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 </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input 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"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input 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. MIRU AIR RIG ON MARCH 20, 2011. DRILLED 12 1/4" SURAFCE HOLE TO 2165'. RAN 9 5/8" 36# J55 SURFACE CASING. CEMENTED SURFACE CASING. WELL IS WAITING ON ROTARY RIG. DETAILS OF CEMENT JOB WILL BE INCLUDED WITH WELL COMPLETION REPORT.					
NAME (PLEASE PRINT) Gina Becker		PHONE NUMBER 720 929-6086			
SIGNATURE N/A		TITLE Regulatory Analyst II DATE 3/24/2011			

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
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		8. WELL NAME and NUMBER: BONANZA 1023-9B3CS
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		9. API NUMBER: 43047505040000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2147 FNL 1109 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 09 Township: 10.0S Range: 23.0E Meridian: S		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
PHONE NUMBER: 720 929-6515 Ext		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"/> 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"/> SUBSEQUENT REPORT Date of Work Completion: 4/28/2011	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<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	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: RIG REL. - ACTS PIT	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. MIRU ROTARY RIG. FINISHED DRILLING FROM 2165' TO 8431' ON APRIL 27, 2011. RAN 4-1/2" 11.6# I-80 PRODUCTION CASING. CEMENTED PRODUCTION CASING. RELEASED ENSIGN RIG 146 ON APRIL 28, 2011 @ 09:00 HRS. DETAILS OF CEMENT JOB WILL BE INCLUDED WITH THE WELL COMPLETION REPORT. WELL IS WAITING ON FINAL COMPLETION ACTIVITIES. THE PIT ON THIS LOCATION WILL BE REFURBISHED AND UTILIZED AS PART OF THE ACTS SYSTEM.		
NAME (PLEASE PRINT) Gina Becker	PHONE NUMBER 720 929-6086	TITLE Regulatory Analyst II
SIGNATURE N/A	DATE 4/29/2011	

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 1023-9B3CS	
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047505040000	
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: 2147 FNL 1109 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 09 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"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 6/28/2011	<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 checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>THE SUBJECT WELL WAS PLACED ON PRODUCTION ON 06/28/2011 AT 6:30 PM. THE CHRONOLOGICAL WELL HISTORY WILL BE SUBMITTED WITH THE WELL COMPLETION REPORT.</p> <p style="text-align: right;">Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</p>		
NAME (PLEASE PRINT) Sheila Wopsock	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 6/29/2011	

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. Resvr.
 Other _____

6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.

2. Name of Operator
KERR MCGEE OIL & GAS ONSHORE, Mail: gina.becker@anadarko.com
 Contact: GINA T. BECKER

8. Lease Name and Well No.
BONANZA 1023-9B3CS

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

9. API Well No.
43-047-50504

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface SENE 2147FNL 1109FEL 39.964844 N Lat, 109.325781 W Lon
 At top prod interval reported below NWNE 1298FNL 2382FEL
 At total depth NWNE 1293FNL 2419FEL *BHL reviewed by JP*

10. Field and Pool, or Exploratory
NATURAL BUTTES

11. Sec., T., R., M., or Block and Survey
or Area Sec 9 T10S R23E Mer SLB

12. County or Parish
UINTAH
 13. State
UT

14. Date Spudded
03/02/2011
 15. Date T.D. Reached
04/27/2011
 16. Date Completed
 D & A Ready to Prod.
06/28/2011

17. Elevations (DF, KB, RT, GL)*
5341 GL

18. Total Depth: MD 8431 TVD 8177
 19. Plug Back T.D.: MD 8373 TVD 8119
 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
RCBL-CHI TRIPLE COMBO-RMTE
 22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit analysis)
 Directional Survey? No Yes (Submit analysis)

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20.000	14.000 STL	36.7		40		28			
12.250	9.625 J-55	36.0		2157		1225		0	
7.875	4.500 I-80	11.6		8417		1313		1940	

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	7811							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	5676	6258	5676 TO 6258	0.360	39	OPEN
B) MESAVERDE	6306	8162	6306 TO 8162	0.360	150	OPEN
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5676 TO 8162	PUMP 11,861 BBLS SLICK H2O & 288,595 LBS SAND

RECEIVED
AUG 09 2011

DIV. OF OIL, GAS & MINING

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
06/28/2011	07/16/2011	24	→	0.0	2164.0	300.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
20/64	SI 1275	1850.0	→	0	2164	300		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		→						

28b. Production - Interval C

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

28c. Production - Interval D

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

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

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREEN RIVER	1140				
BIRD'S NEST	1384				
MAHOGANY	1749				
WASATCH	4208	6284			
MESAVERDE	6284	8431			

32. Additional remarks (include plugging procedure):

Attached is the chronological well history, perforation report & final survey. Completion chrono details individual frac stages.

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 #114469 Verified by the BLM Well Information System.
 For KERR MCGEE OIL & GAS ONSHORE,L, sent to the Vernal**

Name (please print) GINA T. BECKER Title REGULATORY ANALYST

Signature (Electronic Submission) Date 08/03/2011

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

**US ROCKIES REGION
Operation Summary Report**

Well: BONANZA 1023-9B3CS [GREEN] Spud Conductor: 3/1/2011 Spud Date: 3/21/2011
 Project: UTAH-UINTAH Site: BONANZA 1023-9H PAD Rig Name No: ENSIGN 146/146, CAPSTAR 310/310
 Event: DRILLING Start Date: 2/6/2011 End Date: 4/28/2011
 Active Datum: RKB @5,355.00ft (above Mean Sea Level) UWI: SE/NE/0/10/S/23/E/9/0/0/26/PM/N/2147/E/0/1109/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
3/20/2011	21:00 - 0:00	3.00	MIRU	21	C	P		WAIT ON DAYLIGHT TO MOVE
3/21/2011	0:00 - 7:00	7.00	MIRU	21	C	P		WAIT ON DAYLIGHT TO MOVE
	7:00 - 9:00	2.00	MIRU	01	C	P		SKID RIG & RIG UP
	9:00 - 11:30	2.50	PRPSPD	14	A	P		WELD ON CONDUCTOR & RIG UP FLOW LINE
	11:30 - 13:00	1.50	PRPSPD	06	A	P		MAKE 12.25" BIT & 8" MOTOR
	13:00 - 15:00	2.00	DRLSUR	02	B	P		SPUD 12.25" SURFACE HOLE F/40'- 200' /// ROP= 80 FPH /// WOB=16-18K /// RPM= 55/96 /// SPP= 1000/850 /// GPM=600
	15:00 - 17:00	2.00	DRLSUR	06	A	P		TOOH & PICK UP DIR. TOOLS /// ORIENTATE /// TIH
	17:00 - 0:00	7.00	DRLSUR	02	D	P		DIR DRLG 12.25" SURFACE HOLE F/ 200'-762' /// ROP= 80 FPH /// WOB= 18-20K /// RPM= 55/96 /// SPP= 1150/1000 /// GPM= 600 /// NO LOSSES
3/22/2011	0:00 - 6:00	6.00	DRLSUR	02	D	P		DIR DRLG 12.25" SURFACE HOLE F/ 762'-1268' /// ROP= 84 FPH /// WOB= 18-20K /// RPM= 55/96 /// SPP= 1250/1075 /// GPM= 600 /// NO LOSSES
	6:00 - 9:30	3.50	DRLSUR	02	D	P		DIR DRLG 12.25" SURFACE HOLE F/ 1268'- 1495' /// ROP= 65 FPH /// WOB= 18-20K /// RPM= 55/96 /// SPP= 1250/1075 /// GPM= 600 /// NO LOSSES
	9:30 - 10:00	0.50	DRLSUR	07	A	P		SERVICE RIG & EQUIPMENT
	10:00 - 16:00	6.00	DRLSUR	02	D	P		DIR DRLG 12.25" SURFACE HOLE F/ 1495'- 1864" /// ROP= 61 FPH /// WOB= 18-20K /// RPM= 55/96 /// SPP= 1250/1075 /// GPM= 600 /// LOST RETURNS @ 1560' AIR ON @ 1000CFM
	16:00 - 17:30	1.50	DRLSUR	22	O	P		AIR OUT PUMPS
	17:30 - 18:00	0.50	DRLSUR	02	D	P		DIR DRLG 12.25" SURFACE HOLE F/ 1864'- 1901' /// ROP= 74 FPH /// WOB= 18-20K /// RPM= 55/96 /// SPP= 1250/1075 /// GPM= 600 /// LOST RETURNS @ 1560' AIR ON @ 1000CFM
	18:00 - 0:00	6.00	DRLSUR	02	D	P		DIR DRLG 12.25" SURFACE HOLE F/ 1901'- 2165' /// ROP= 44 FPH /// WOB= 18-20K /// RPM= 55/96 /// SPP= 1250/1075 /// GPM= 600 /// AIR ON @ 1000 CFM /// LAST SURVEY @ 2105'= 20.31 DEG & 308.41 AZ /// 1' LEFT & 2' LOW /// 69.1% ROTATE- 30.9 % SLIDE
3/23/2011	-		CSG					CONDUCTOR CASING: Cond. Depth set: 40 Cement sx used: 28
								SPUD DATE/TIME: 3/21/2011 13:00
								SURFACE HOLE: Surface From depth: 40 Surface To depth: 2,165 Total SURFACE hours: 31.00 Surface Casing size: 9 5/8 # of casing joints ran: 52 Casing set MD: 2,141.0 # sx of cement: 225/1000 Cement blend (ppg): 15.8/15.8 Cement yield (ft3/sk): 1.15/1.15 # of bbls to surface: 0 Describe cement issues: NO CMT TO SURFACE Describe hole issues: LOST RETURNS @ 1450'
	0:00 - 0:30	0.50	DRLSUR	05	A	P		CIRC & COND. HOLE FOR 9-5/8" CSG
	0:30 - 1:30	1.00	DRLSUR	06	A	P		TOOH TO 1350' /// 5-10K DRAG F/ 1700'- 1350'

US ROCKIES REGION
Operation Summary Report

Well: BONANZA 1023-9B3CS [GREEN] Spud Conductor: 3/1/2011 Spud Date: 3/21/2011
 Project: UTAH-UINTAH Site: BONANZA 1023-9H PAD Rig Name No: ENSIGN 146/146, CAPSTAR 310/310
 Event: DRILLING Start Date: 2/6/2011 End Date: 4/28/2011
 Active Datum: RKB @5,355.00ft (above Mean Sea Level) UWI: SE/NE/0/10/S/23/E/9/0/0/26/PM/N/2147/E/0/1109/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	1:30 - 2:30	1.00	DRLSUR	03	D	P		REAM BACK DN F/ 1350'-1700'
	2:30 - 4:30	2.00	DRLSUR	06	A	P		LD DRILL STRING & DIR TOOLS /// NO DRAG
	4:30 - 9:00	4.50	CSG	12	C	P		PJSM // RUN 52 JT'S 9-5/8", 36#, J-55, LT&C CSG // SHOE SET @ 2141' // BAFFLE @ 2098'
	9:00 - 9:30	0.50	CSG	05	A	P		CIRC 9-5/8" CSG @ 2141'
	9:30 - 11:00	1.50	CSG	12	E	P		PJSM W/ SUPERIOR CMT CREW // TEST LINES TO 2500 PSI // NO CIRC ON THIS HOLE // PUMP 15 BBL SPACER // TAIL= 225 SX CLASS G CMT @ 1.15 YIELD & 15.8 WT // DROP PLUG & DISPLACE W/ 155 BBL'S WATER // PLUG DN @ 10:42 3/23/2011 // BUMP PLUG @ 300 PSI // FINAL LIFT= 25 PSI // CHECK FLOATS- HELD W/ 2 BBL'S BACK // NO CMT TO SURFACE
	11:00 - 12:00	1.00	CSG	14	A	P		CUT OFF CONDUCTOR & HANG 9-5/8" SURFACE CSG
	12:00 - 12:30	0.50	CSG	12	E	P		RUN 90 ' 1" & PUMP TP OUT W/ 200 SX CMT @ 1.15 YIELD & 15.8 WT // NO CMT TO SURFACE
	12:30 - 13:30	1.00	CSG	13	A	P		WAIT ON CMT
	13:30 - 14:30	1.00	CSG	12	E	P		PUMP SECOND TOP OUT W/ 400 SX CMT @ 1.15 YIELD & 15.8 WT // NO CMT TO SURFACE
	14:30 - 15:30	1.00	CSG	13	A	P		WAIT ON CMT
	15:30 - 16:00	0.50	CSG	12	E	P		PUMP THIRD TOP OUT W/ 400 SX CMT @ 1.15 YIELD & 15.8 WT // NO CMT TO SURFACE // [RELEASE RIG @ 16:00 3/23/2011 TO THE NBU 921-35BIBS]
4/24/2011	11:30 - 12:30	1.00	MIRU	01	C	P		SKID RIG OVER WELL
	12:30 - 13:30	1.00	MIRU	14	A	P		NIPPLE UP BOP
	13:30 - 18:30	5.00	MIRU	15	A	P		HAD TO P/U BOP & REMOVE 1 API RING, 2 WERE INSTALLED, TEST BOP RAMS, CHOKE, HCR, KILLLINE, TO 250 LOW 5000 HIGH, ANN. 250 LOW 2500 HIGH
	18:30 - 19:00	0.50	MIRU	06	J	P		INSTALL WEAR BUSHING
	19:00 - 20:30	1.50	DRLPRO	06	A	P		P/U MOTOR & BIT, SCRIBE TOOLS, R.I.H
	20:30 - 21:30	1.00	DRLPRO	07	B	P		LEVEL DERRICK, INSTALL ROTATING HEAD
	21:30 - 23:00	1.50	DRLPRO	06	A	P		CONTINUE TRIPPING IN
	23:00 - 0:00	1.00	DRLPRO	02	F	P		DRILL OUT CMT, FLOAT & SHOE
4/25/2011	0:00 - 13:00	13.00	DRLPRO	02	D	P		DRILL & SLIDE F/ 2170 TO 3749 - 1579 FT. 121 FT. PER/HR, WOB 21, RPM 45, MMRPM 107, GPM 510, TQ. 9/6, PSI ON/OFF BTM. 1700/1400 - ROT. 71% SLIDE 29%
	13:00 - 13:30	0.50	DRLPRO	07	A	P		RIG SERVICE
	13:30 - 0:00	10.50	DRLPRO	02	D	P		DRILL & SLIDE F/ 3749 TO 5240 - 1491 FT. 142 FT. PER/HR, WOB 21, RPM 45, MMRPM 107, GPM 510, TQ. 12/10, PSI ON/OFF BTM. 2050/1650 - ROT. 81% SLIDE 19%
4/26/2011	0:00 - 12:00	12.00	DRLPRO	02	D	P		DRILL & SLIDE F/ 5240 TO 7013 - 1773 FT. 148 FT. PER/HR. WOB 21, RPM 40, MMRPM 103, GPM 490, TQ. 15/13, PSI ON/OFF BTM. 2500/2100 - ROT 91% SLIDE 9%
	12:00 - 12:30	0.50	DRLPRO	07	A	P		RIG SERVICE
	12:30 - 0:00	11.50	DRLPRO	02	D	P		DRILL F/ 7013 TO 8082 - 1069 FT. 93 FT. PER/HR, VIS 41, WT. 11.4, WOB 21, RPM 40, MMRPM 103, GPM 490, TQ. 17/15, PSI ON/OFF BTM. 2725/2525 - ROT 93% SLIDE 7%
4/27/2011	0:00 - 4:30	4.50	DRLPRO	02	D	P		DRILL F/ 8082 TO 8431 TD - 349 FT. 78 FT. PER/HR. VIS 41, WT. 11.7, WOB 21, RPM 40, MMRPM 103, GPM 490, TQ. 17/15, PSI ON/OFF BTM. 2750/2550

US ROCKIES REGION
Operation Summary Report

Well: BONANZA 1023-9B3CS [GREEN]	Spud Conductor: 3/1/2011	Spud Date: 3/21/2011
Project: UTAH-UINTAH	Site: BONANZA 1023-9H PAD	Rig Name No: ENSIGN 146/146, CAPSTAR 310/310
Event: DRILLING	Start Date: 2/6/2011	End Date: 4/28/2011
Active Datum: RKB @5,355.00ft (above Mean Sea Level)		UWI: SE/NE/0/10/S/23/E/9/0/0/26/PM/N/2147/E/0/1109/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	4:30 - 6:00	1.50	DRLPRO	05	C	P		CIRC. 2 BTMS UP
	6:00 - 6:30	0.50	DRLPRO	08	B	Z		POWER SHOE WOULD NOT CLOSE ON IRON DERRICKHAND
	6:30 - 18:30	12.00	DRLPRO	06	D	P		POOH LDDP
	18:30 - 19:00	0.50	DRLPRO	14	B	P		RETRIEVE WEARBUSHING
	19:30 - 0:00	4.50	CSG	12	C	P		HPJSM, R/UP FRANKS & RUN 202 JTS 4.5 11.60 I-80 BTC PROD CASING FS 8416', FC 8371', M MKR 6265', W MKR 4266' (5500'@ REPORT TIME)
4/28/2011	0:00 - 2:30	2.50	CSG	12	C	P		RUN 202 JTS 4.5 11.60 I-80 BTC PROD CASING FS 8416', FC 8371', M MKR 6265', W MKR 4266' (5500'@ REPORT TIME)
	2:30 - 3:30	1.00	CSG	05	D	P		CIRC
	3:30 - 6:00	2.50	CSG	12	E	P		HPJSM, R/UP BJ & CEMENT 4.5" PROD CASING, TEST LINES 5000 PSI, PUMP 40 BBLS FRESH WATER, 431 SKS LEAD 11.7 PPG 2.5 YIELD, TAIL 882 SKS 14.3 PPG, 1.31 YIELD, DROPPED PLUG & DISPLACED W/130 BBLS FRESH WATER W/0.1 gal/bbl CLAYFIX II & 0.01 gal/bbl ALDACIDE G @ 2261 PSI, BUMPED PLUG @ 2954 PSI - FLOATS HELD W/1.5 BBLS RETURN, GOOD RETURNS DURING CMT JOB W/2 BBLS CEMENT TO SURFACE - R/DN BJ
	6:00 - 6:30	0.50	CSG	12	C	P		SET C-22 SLIPS W/90K STRING WT - WEATHERFORD REP JAKE PEREZ
	6:30 - 9:00	2.50	DRLPRO	14	A	P		N/DN BOPE, ROUGH CUT CSG & L/OUT SAME, CLEAN RIG TANKS, RELEASE RIG @ 09:00 4/28/11

US ROCKIES REGION
Operation Summary Report

Well: BONANZA 1023-9B3CS [GREEN]	Spud Conductor: 3/1/2011	Spud Date: 3/21/2011
Project: UTAH-UINTAH	Site: BONANZA 1023-9H PAD	Rig Name No: ENSIGN 146/146, CAPSTAR 310/310
Event: DRILLING	Start Date: 2/6/2011	End Date: 4/28/2011
Active Datum: RKB @5,355.00ft (above Mean Sea Level)	UWI: SE/NE/0/10/S/23/E/9/0/0/26/PM/N/2147/E/0/1109/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	9:00 - 9:00	0.00	DRLPRO					<p>CONDUCTOR CASING: Cond. Depth set: 40 Cement sx used: 28</p> <p>SPUD DATE/TIME: 3/21/2011 13:00</p> <p>SURFACE HOLE: Surface From depth: 40 Surface To depth: 2,165 Total SURFACE hours: 31.00 Surface Casing size: 9 5/8 # of casing joints ran: 52 Casing set MD: 2,141.0 # sx of cement: 225/1000 Cement blend (ppg): 15.8/15.8 Cement yield (ft3/sk): 1.15/1.15 # of bbls to surface: 0 Describe cement issues: NO CMT. TO SURFACE Describe hole issues: LOST RETURNS @ 1450 FT.</p> <p>PRODUCTION: Rig Move/Skid start date/time: 4/24/2011 11:30 Rig Move/Skid finish date/time: 4/24/2011 12:30 Total MOVE hours: 1.0 Prod Rig Spud date/time: 4/24/2011 23:00 Rig Release date/time: 4/28/2011 9:00 Total SPUD to RR hours: 82.0 Planned depth MD 8,425 Planned depth TVD 8,165 Actual MD: 8,431 Actual TVD: 8,177 Open Wells \$: AFE \$: Open wells \$/ft:</p> <p>PRODUCTION HOLE: Prod. From depth: 2,170 Prod. To depth: 8,431 Total PROD hours: 51.5 Log Depth: NO LOGS REQUIRED Float Collar Top Depth: 8371 Production Casing size: 4 1/2 # of casing joints ran: 202 Casing set MD: 8,416.0 Stage 1 # sx of cement: LEAD 431, TAIL 882 Cement density (ppg): LEAD 11.7, TAIL 14.3 Cement yield (ft3/sk): LEAD 2.5, TAIL 1.31 Stage 2 # sx of cement: Cement density (ppg): Cement yield (ft3/sk): Top Out Cmt # sx of cement: Cement density (ppg): Cement yield (ft3/sk): Est. TOC (Lead & Tail) or 2 Stage : Describe cement issues: 2 BBLs CMT TO SURFACE Describe hole issues: N/A</p> <p>DIRECTIONAL INFO: KOP: 150 Max angle: 22.69</p>

US ROCKIES REGION
Operation Summary Report

Well: BONANZA 1023-9B3CS [GREEN]		Spud Conductor: 3/1/2011		Spud Date: 3/21/2011				
Project: UTAH-UINTAH		Site: BONANZA 1023-9H PAD		Rig Name No: ENSIGN 146/146, CAPSTAR 310/310				
Event: DRILLING		Start Date: 2/6/2011		End Date: 4/28/2011				
Active Datum: RKB @5,355.00ft (above Mean Sea Level)		UWI: SE/NE/0/10/S/23/E/9/0/0/26/PM/N/2147/E/0/1109/0/0						
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
								Departure: 1587.00
								Max dogleg MD: 3.14

1 General

1.1 Customer Information

Company	US ROCKIES REGION		
Representative			
Address			

1.2 Well Information

Well	BONANZA 1023-9B3CS [GREEN]		
Common Name	BONANZA 1023-9B3CS		
Well Name	BONANZA 1023-9B3CS	Wellbore No.	OH
Report No.	1	Report Date	6/20/2011
Project	UTAH-UINTAH	Site	BONANZA 1023-9H PAD
Rig Name/No.		Event	COMPLETION
Start Date	6/28/2011	End Date	6/29/2011
Spud Date	3/21/2011	Active Datum	RKB @5,355.00ft (above Mean Sea Level)
UWI	SE/NE/0/10/S/23/E/9/0/0/26/PM/N/2147/E/0/1109/0/0		

1.3 General

Contractor	CASEDHOLE SOLUTIONS	Job Method	PERFORATE	Supervisor	KEN WARREN
Perforated Assembly	PRODUCTION CASING	Conveyed Method	WIRELINE		

1.4 Initial Conditions

Fluid Type		Fluid Density		Gross Interval	5,676.0 (ft)-8,162.0 (ft)	Start Date/Time	6/20/2011 12:00AM
Surface Press		Estimate Res Press		No. of Intervals	28	End Date/Time	6/20/2011 12:00AM
TVD Fluid Top		Fluid Head		Total Shots	189	Net Perforation Interval	55.00 (ft)
Hydrostatic Press		Press Difference		Avg Shot Density	3.44 (shot/ft)	Final Surface Pressure	
Balance Cond	NEUTRAL					Final Press Date	

1.5 Summary

2 Intervals

2.1 Perforated Interval

Date	Formation/Reservoir	CCL@ (ft)	CCL-T S (ft)	MD Top (ft)	MD Base (ft)	Shot Density (shot/ft)	Misfires/Add. Shot	Diameter (in)	Carr Type /Carr Manuf	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
12:00AM	WASATCH/			5,676.0	5,678.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO	

2.1 Perforated Interval (Continued)

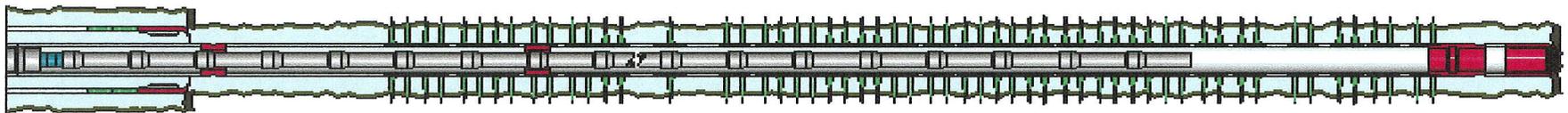
Date	Formation/ Reservoir	CCL@ (ft)	CCL-T S (ft)	MD Top (ft)	MD Base (ft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diamete r (in)	Carr Type /Carr Manuf	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
12:00AM	WASATCH/			5,738.0	5,740.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	
12:00AM	WASATCH/			5,895.0	5,896.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	
12:00AM	WASATCH/			5,911.0	5,912.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	
12:00AM	WASATCH/			6,059.0	6,060.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
12:00AM	WASATCH/			6,214.0	6,216.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
12:00AM	WASATCH/			6,256.0	6,258.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
12:00AM	MESAVERDE/			6,306.0	6,308.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
12:00AM	MESAVERDE/			6,989.0	6,995.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	
12:00AM	MESAVERDE/			7,143.0	7,144.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
12:00AM	MESAVERDE/			7,167.0	7,168.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
12:00AM	MESAVERDE/			7,198.0	7,200.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
12:00AM	MESAVERDE/			7,224.0	7,226.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
12:00AM	MESAVERDE/			7,262.0	7,264.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
12:00AM	MESAVERDE/			7,372.0	7,376.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
12:00AM	MESAVERDE/			7,443.0	7,444.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
12:00AM	MESAVERDE/			7,464.0	7,466.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
12:00AM	MESAVERDE/			7,495.0	7,496.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
12:00AM	MESAVERDE/			7,596.0	7,598.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
12:00AM	MESAVERDE/			7,672.0	7,675.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
12:00AM	MESAVERDE/			7,722.0	7,724.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
12:00AM	MESAVERDE/			7,766.0	7,767.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	

2.1 Perforated Interval (Continued)

Date	Formation/ Reservoir	CCL@ (ft)	CCL-T S (ft)	MD Top (ft)	MD Base (ft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diamete r (in)	Carr Type /Carr Manuf	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
12:00AM	MESAVERDE/			7,836.0	7,837.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	
12:00AM	MESAVERDE/			7,874.0	7,876.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	
12:00AM	MESAVERDE/			7,997.0	8,000.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	
12:00AM	MESAVERDE/			8,072.0	8,074.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	
12:00AM	MESAVERDE/			8,097.0	8,098.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	
12:00AM	MESAVERDE/			8,159.0	8,162.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	

3 Plots

3.1 Wellbore Schematic



**US ROCKIES REGION
Operation Summary Report**

Well: BONANZA 1023-9B3CS [GREEN] Spud Conductor: 3/1/2011 Spud Date: 3/21/2011
 Project: UTAH-UINTAH Site: BONANZA 1023-9H PAD Rig Name No: MILES 2/2
 Event: COMPLETION Start Date: 6/28/2011 End Date: 6/29/2011
 Active Datum: RKB @5,355.00ft (above Mean Sea Level) UWI: SE/NE/0/10/S/23/E/9/0/0/26/PM/N/2147/E/0/1109/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
6/17/2011	7:00 - 15:30	8.50	COMP	47	B	P		MIRU B&C TESTERS,HSM, PRESSURE TEST CSG & FRAC VALVES TO 1000# W/ 7# LOSS IN 15 MIN., BUMP UP TO 3500# W/ 31# LOSS IN 15 MIN., BUMP UP TO 7000# W/ 81# LOSS IN 30 MIN. BUMP BACK UP TO 7000# W/ 61# LOSS IN 30 MIN. BUMP BACK UP TO 7000# W/ 60# LOSS IN 30 MIN. GOOD TEST]
6/20/2011	7:00 - 7:30	0.50	COMP	48		P		HSM, PERF & FRAC / PRESSURE TEST SURFACE LINES
	7:30 - 17:30	10.00	COMP	36	E	P		FRAC STG #1] WHP=1,294#, BRK DN PERFS=3,827#, @=4.6 BPM, INJ RT=50.3, INJ PSI=5,213#, ISIP=2,117#, FG=70, PUMP'D 759 BBLs SLK WTR W/ 8,524# 30/50 MESH W/ 2,815# RESIN COAT IN TAIL W/ 11,339# TOTAL PROP PUMP'D, ISIP=2,222#, FG=71, AR=47.6, AP=5,360#, MR=50.3, MP=6,125#, NPI=105#, 21/24 CALC PERFS OPEN. 88%
								PERF STG #2] P/U RIH W/ HALIBURTON 8K CBP & PERF GUN, SET CBP @=8,030', PERF MESAVERDE USING 3-1/8 EXPEND, 23 GRM, 0.36" HOLE. HOLE. AS PERSAY IN PROCEDURE.
								FRAC STG #2] WHP=1,950#, BRK DN PERFS=4,017#, @=4.6 BPM, INJ RT=50.1, INJ PSI=5,180#, ISIP=2,139#, FG=71, PUMP'D 1,269 BBLs SLK WTR W/ 21,071# 30/50 MESH W/ 4,949# RESIN COAT IN TAIL W/ 26,020# TOTAL PROP PUMP'D, ISIP=2,275#, FG=73, AR=50, AP=4,656#, MR=50.6, MP=5,953#, NPI=136#, 21/24 CALC PERFS OPEN. 88%
6/21/2011	7:00 - 7:15	0.25	COMP	48		P		PERF STG #3] P/U RIH W/ HALIBURTON 8K CBP & PERF GUN, SET CBP @=7,797', PERF MESAVERDE USING 3-1/8 EXPEND, 23 GRM, 0.36" HOLE. HOLE. AS PERSAY IN PROCEDURE
								FRAC STG #3] WHP=1,050#, BRK DN PERFS=2,138#, @=4.2 BPM, INJ RT=43.5, INJ PSI=5,759#, ISIP=1,198#, FG=59, PUMP'D 2,017 BBLs SLK WTR W/ 38,244# 30/50 MESH W/ 4,346# RESIN COAT IN TAIL W/ 42,590# TOTAL PROP PUMP'D, ISIP=2,255#, FG=73, AR=50.6, AP=4,917#, MR=52.4, MP=6,480#, NPI=1,057#, 14/24 CALC PERFS OPEN. 60%
								PERF STG #4] P/U RIH W/ HALIBURTON 8K CBP & PERF GUN, SET CBP @=7,526', PERF MESAVERDE USING 3-1/8 EXPEND, 23 GRM, 0.36" HOLE. . AS PERSAY IN PROCEDURE [MISSFIRE PLUG DID NOT SET POOH W/ PLUG TO FIND PROBLEM, FIX AND SHOOT] SWIFN. HSM,

US ROCKIES REGION
Operation Summary Report

Well: BONANZA 1023-9B3CS [GREEN]		Spud Conductor: 3/1/2011	Spud Date: 3/21/2011
Project: UTAH-UINTAH		Site: BONANZA 1023-9H PAD	Rig Name No: MILES 2/2
Event: COMPLETION		Start Date: 6/28/2011	End Date: 6/29/2011
Active Datum: RKB @5,355.00ft (above Mean Sea Level)		UWI: SE/NE/0/10/S/23/E/9/0/0/26/PM/N/2147/E/0/1109/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:15 - 7:15	0.00	COMP	36	E	P		<p>FRAC STG #4] WHP=421#, BRK DN PERFS=2,587#, @=4.7 BPM, INJ RT=51, INJ PSI=5,213#, ISIP=1,928#, FG=70, PUMP'D 1,534 BBLs SLK WTR W/ 28,585 # 30/50 MESH W/ 4,993# RESIN COAT IN TAIL W/ 33,578# TOTAL PROP PUMP'D, ISIP=1,870#, FG=69, AR=51.8, AP=4,502#, MR=52.5, MP=5,955#, NPI=-58#, 20/24 CALC PERFS OPEN. 83%</p> <p>PERF STG #5] P/U RIH W/ HALIBURTON 8K CBP & PERF GUN, SET CBP @=7,294', PERF MESAVERDE USING 3-1/8 EXPEND, 23 GRM, 0.36" HOLE. AS PERSAY IN PROCEDURE</p> <p>FRAC STG #5] WHP=1,420#, BRK DN PERFS=2,532#, @=4.7 BPM, INJ RT=50.8, INJ PSI=4,990#, ISIP=1,674#, FG=67, PUMP'D 2,173 BBLs SLK WTR W/ 40,111 # 30/50 MESH W/ 5,140# RESIN COAT IN TAIL W/ 45,251# TOTAL PROP PUMP'D, ISIP=1,953#, FG=71, AR=51.4, AP=4,384#, MR=53, MP=5,764#, NPI=279#, 19/24 CALC PERFS OPEN. 81%</p> <p>PERF STG #6] P/U RIH W/ HALIBURTON 8K CBP & PERF GUN, SET CBP @=7,025', PERF MESAVERDE USING 3-1/8 EXPEND, 23 GRM, 0.36" HOLE. AS PERSAY IN PROCEDURE</p> <p>FRAC STG #6] WHP=612#, BRK DN PERFS=2,411#, @=4 BPM, INJ RT=51.6, INJ PSI=5,374#, ISIP=1,233#, FG=62, PUMP'D 618 BBLs SLK WTR W/ 6,609# 30/50 MESH W/ 5,233# RESIN COAT IN TAIL W/ 11,842# TOTAL PROP PUMP'D, ISIP=1,994#, FG=72, AR=51.2, AP=4,520#, MR=52.2, MP=6,344#, NPI=761# 17/24 CALC PERFS OPEN. 69%</p> <p>PERF STG #7] P/U RIH W/ HALIBURTON 8K CBP & PERF GUN, SET CBP @=6,338', PERF MESAVERDE USING 3-1/8 EXPEND, 23 GRM, 0.36" HOLE. AS PERSAY IN PROCEDURE</p> <p>FRAC STG #7] WHP=178#, BRK DN PERFS=1,667#, @=4.2 BPM, INJ RT=49.2, INJ PSI=4,085#, ISIP=789#, FG=57., PUMP'D 2,233 BBLs SLK WTR W/ 70,243# 30/50 MESH W/ 5,425# RESIN COAT IN TAIL W/ 75,668# TOTAL PROP PUMP'D, ISIP=1,809#, FG=73, AR=50.5, AP=5,018#, MR=52.1, MP=5,944#, NPI=1,020#, 18/21 CALC PERFS OPEN. 85% SWIFN. HSM,</p>
6/22/2011	6:45 - 7:00	0.25	COMP	48		P		

US ROCKIES REGION
Operation Summary Report

Well: BONANZA 1023-9B3CS [GREEN] Spud Conductor: 3/1/2011 Spud Date: 3/21/2011
 Project: UTAH-UINTAH Site: BONANZA 1023-9H PAD Rig Name No: MILES 2/2
 Event: COMPLETION Start Date: 6/28/2011 End Date: 6/29/2011
 Active Datum: RKB @5,355.00ft (above Mean Sea Level) UWI: SE/NE/0/10/S/23/E/9/0/0/26/PM/N/2147/E/0/1109/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:00 - 7:00	0.00	COMP	36	E	P		PERF STG #8] P/U RIH W/ HALIBURTON 8K CBP & PERF GUN, SET CBP @=5,942', PERF MESAVERDE USING 3-1/8 EXPEND, 23 GRM, 0.36" HOLE. AS PERSAY IN PROCEDURE FRAC STG #8] WHP=500#, BRK DN PERFS=1,725#, @=4 BPM, INJ RT=51.6, INJ PSI=3,476#, ISIP=757#, FG=.57, PUMP'D 1,258 BBLs SLK WTR W/ 32,960# 30/50 MESH W/ 9,347# RESIN COAT IN TAIL W/ 42,307# TOTAL PROP PUMP'D, ISIP=1,379#, FG=.68, AR=51.2, AP=3,641#, MR=51.9, MP=4,515#, NPI=622#, 22/24 CALC PERFS OPEN. 91% P/U RIH W/ HALIBURTON 8K CBP SET FOR TOP KILL @=5,626' 11,861 TOTAL BBLs WTR 288,595# TOTAL SAND 1,059 GALS SCALE INHIB. 224 GALS BIOCIDE DRILLING CBP'S
6/28/2011	7:00 - 7:30	0.50	COMP	48		P		MIRU, NDWH, NU BOP'S, TEST, TIH TBG, TAG 1ST CBP, DRILL PLUGS,C/O TO PBTD, POOH TO 7806', LAND TBG, ND BOP'S, NU WH, POBS, TURN TO PROD TOP 3 ZONES WASATCH, BTM 5 ZONES MESA VERDE PLUG# 1 5626' 0' SAND 5 MIN 100# KICK PLUG# 2 5942' 45' SAND 7 MIN 0 KICK PLUG# 3 6338' 75' SAND 5 MIN 100# KICK KICK PLUG# 4 7025' 30' SAND 6 MIN 100# KICK PLUG# 5 7294' 30' SAND 5 MIN 400# KICK PLUG# 6 7526' 45' SAND 5 MIN 200# KICK PLUG# 7 7797' 50' SAND 10 MIN 400# KICK PLUG# 8 8030' 20' SAND 5 MIN 200# KICK PBTD 8372' BTM PERF 8162' TOP PERF 5676' JTS RAN 246 JTS 7793.49' KB 14.00' HANGER .83' XNSN 1.875" 2.20' EOT 7810.52'
	7:30 - 18:00	10.50	COMP	44		P		WTR PUMPED 11,861 BBLs WTR RCD 1920 BBLs WLTR 4894 BBLs CALLED CDC 5:20 PM JR WELL TURNED TO SALES @ 1830 HR ON 6/28/11 - 2000 MCFD, 1920 BWPD, CP 1750#, FTP 1500#, CK 20/64"
	18:30 - 18:30	0.00	PROD	50				7 AM FLBK REPORT: CP 2300#, TP 1675#, 20/64" CK, 50 BWPH, HVY SAND, - GAS TTL BBLs RECOVERED: 3025 BBLs LEFT TO RECOVER: 9096
6/29/2011	7:00 -			33	A			7 AM FLBK REPORT: CP 2150#, TP 1525#, 20/64" CK, 40 BWPH, MED SAND, - GAS TTL BBLs RECOVERED: 4015 BBLs LEFT TO RECOVER: 8106
6/30/2011	7:00 -			33	A			7 AM FLBK REPORT: CP 2000#, TP 1450#, 20/64" CK, 35 BWPH, LIGHT SAND, - GAS TTL BBLs RECOVERED: 4855 BBLs LEFT TO RECOVER: 7266
7/1/2011	7:00 -			33	A			

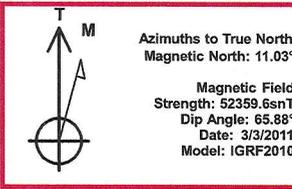
US ROCKIES REGION
Operation Summary Report

Well: BONANZA 1023-9B3CS [GREEN]		Spud Conductor: 3/1/2011		Spud Date: 3/21/2011	
Project: UTAH-UINTAH		Site: BONANZA 1023-9H PAD		Rig Name No: MILES 2/2	
Event: COMPLETION		Start Date: 6/28/2011		End Date: 6/29/2011	
Active Datum: RKB @5,355.00ft (above Mean Sea Level)		UWI: SE/NE/0/10/S/23/E/9/0/0/26/PM/N/2147/E/0/1109/0/0			

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
7/2/2011	7:00 -			33	A			7 AM FLBK REPORT: CP 1925#, TP 1350#, 20/64" CK, 30 BWPH, LIGHT SAND, - GAS TTL BBLS RECOVERED: 5660 BBLS LEFT TO RECOVER: 6461
7/3/2011	7:00 -			33	A			7 AM FLBK REPORT: CP 1850#, TP 1275#, 20/64" CK, 25 BWPH, LIGHT SAND, - GAS TTL BBLS RECOVERED: 6285 BBLS LEFT TO RECOVER: 5836

Project: UTAH - Oil (w/o), 1023-9H PAD
 Site: UINTAH_Bonanza 1023-9H PAD
 Well: Bonanza 1023-9B3CS
 Wellbore: Bonanza 1023-9B3CS
 Section:
 SHL:
 Design: Bonanza 1023-9B3CS (wp03) ENSIGN 146
 Latitude: 39.964844
 Longitude: -109.325781
 GL: 5341.00
 KB: 14' RKB + 5341' GL @ 5355.00ft (ENSIGN 146)

FORMATION TO DETAILS		
TVDPATH	MDPATH	FORMATION
4074.00	4263.44	WASATCH
6051.00	MESAVERDE	(TOP OF CYLINDER)



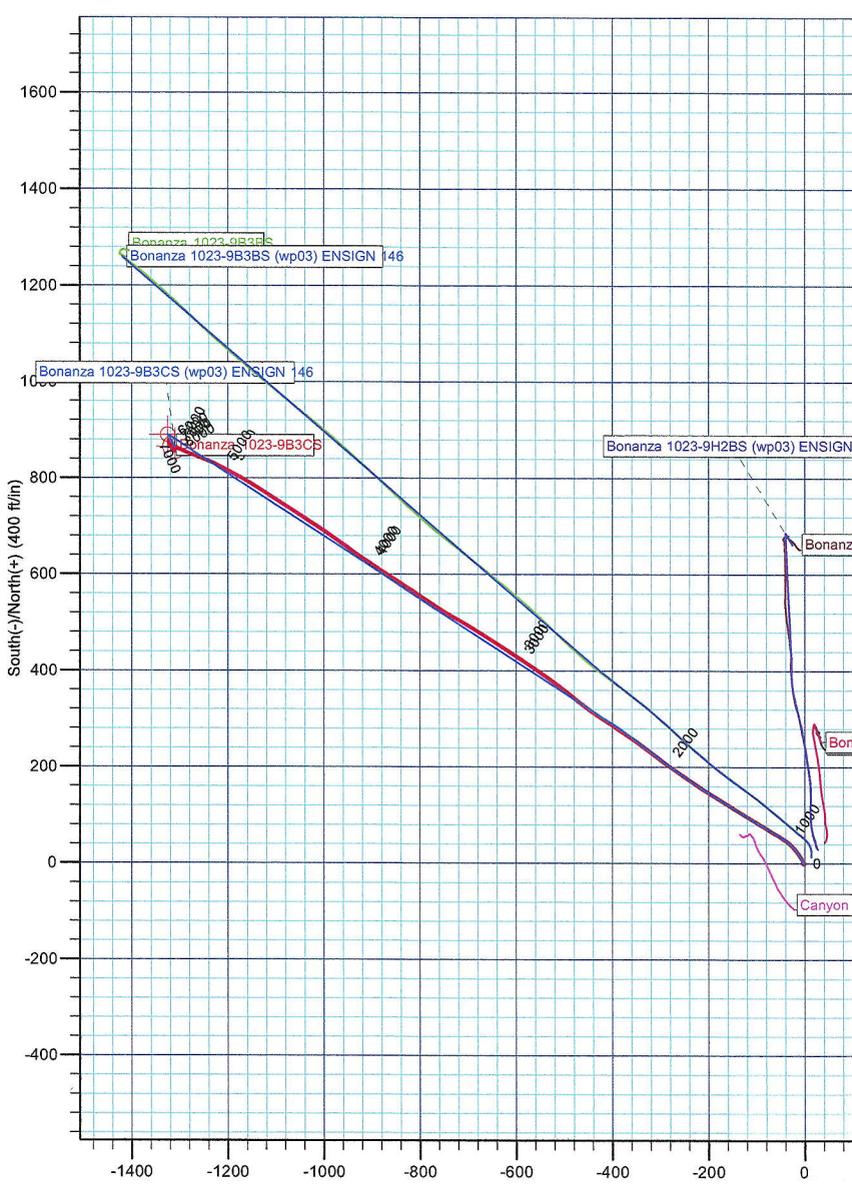
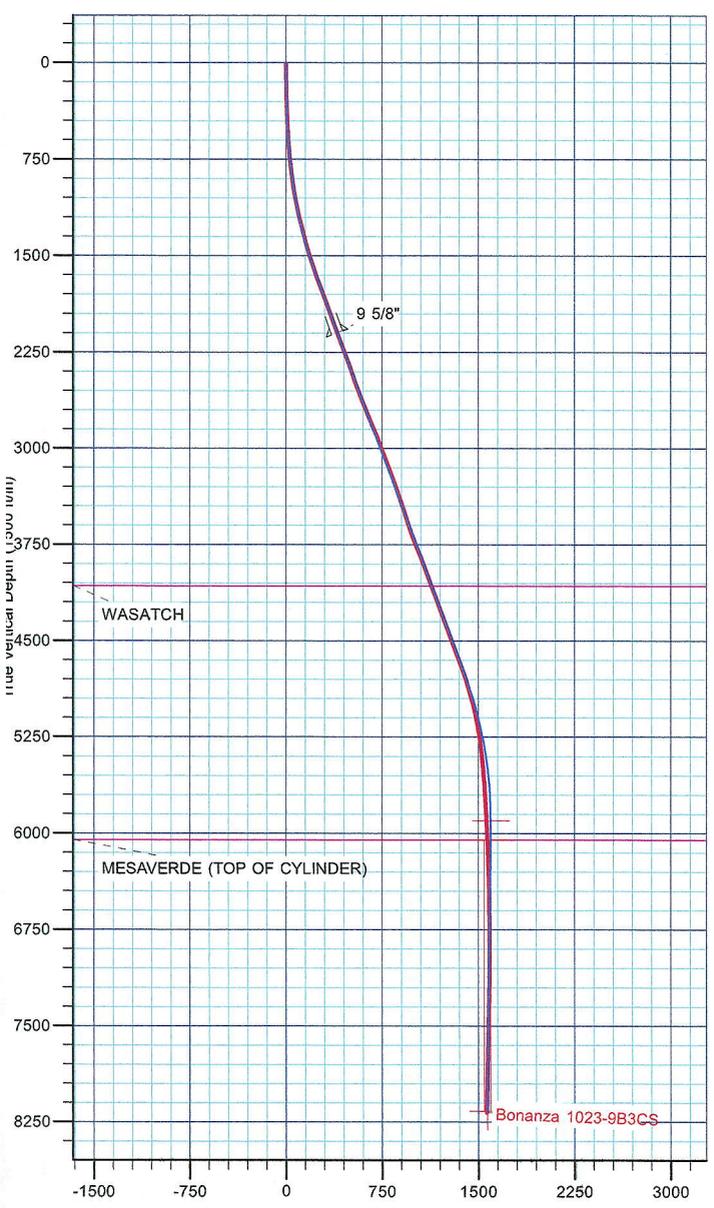
WELL DETAILS: Bonanza 1023-9B3CS						
+N/-S	+E/-W	Northing	Ground Level: Easting	5341.00 Latitude	Longitude	Slot
0.00	0.00	14517646.15	2109547.78	39.964844	-109.325781	

CASING DETAILS			
TVD	MD	Name	Size
2100.69	2157.06	9 5/8"	9-5/8

DESIGN TARGET DETAILS									
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape	
drillers target (9B3CS)	5900.00	890.07	-1325.23	14518511.19	2108206.08	39.967288	-109.330510	Circle (Radius: 15.00)	
well position @ top of cylinder depth (9B3CS)	6051.00	889.56	-1324.92	14518510.68	2108206.39	39.967286	-109.330508	Point	
Bonanza 1023-9B3CS BHL	8165.00	865.07	-1310.23	14518486.47	2108221.55	39.967219	-109.330456	Circle (Radius: 25.00)	

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect
2110.00	20.31	308.41	2056.55	223.25	-310.71	0.00	0.00	382.30
2260.00	20.31	308.41	2197.23	255.60	-351.50	0.00	0.00	434.17
2354.46	20.49	303.01	2285.77	274.79	-378.21	2.00	-87.14	467.03
4989.43	20.49	303.01	4754.07	777.25	-1151.57	0.00	0.00	1389.26
6160.14	0.00	149.04	5900.00	890.07	-1325.23	1.75	180.00	1596.34
6421.04	0.78	149.04	6160.88	888.54	-1324.31	0.30	149.04	1594.73
8425.34	0.78	149.04	8165.00	865.07	-1310.23	0.00	0.00	1570.04



Company: US ROCKIES REGION PLANNING	Local Co-ordinate Reference: Well Bonanza 1023-9B3CS
Project: UTAH - UTM (feet), NAD27, Zone 12N	TVD Reference: 14' RKB + 5341' GL @ 5355.00ft (ENSIGN 146)
Site: UINTAH_Bonanza 1023-9H PAD	MD Reference: 14' RKB + 5341' GL @ 5355.00ft (ENSIGN 146)
Well: Bonanza 1023-9B3CS	North Reference: True
Wellbore: Bonanza 1023-9B3CS	Survey Calculation Method: Minimum Curvature
Design: Bonanza 1023-9B3CS	Database: edm5000p

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

Site UINTAH_Bonanza 1023-9H PAD		
Site Position:	Northing: 14,517,690.63 ft	Latitude: 39.964964
From: Lat/Long	Easting: 2,109,588.43 ft	Longitude: -109.325633
Position Uncertainty: 0.00 ft	Slot Radius: 0 "	Grid Convergence: 1.08 °

Well Bonanza 1023-9B3CS		
Well Position +N/-S 0.00 ft	Northing: 14,517,646.15 ft	Latitude: 39.964844
+E/-W 0.00 ft	Easting: 2,109,547.78 ft	Longitude: -109.325781
Position Uncertainty 0.00 ft	Wellhead Elevation: ft	Ground Level: 5,341.00 ft

Wellbore Bonanza 1023-9B3CS					
Magnetics	Model Name IGRF2010	Sample Date 3/3/2011	Declination (°) 11.03	Dip Angle (°) 65.88	Field Strength (nT) 52,360

Design Bonanza 1023-9B3CS				
Audit Notes:				
Version: 1.0	Phase: ACTUAL	Tie On Depth: 5.00		
Vertical Section:	Depth From (TVD) (ft) 5.00	+N/-S (ft) 0.00	+E/-W (ft) 0.00	Direction (°) 305.70

Survey Program	Date 5/11/2011			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
206.00	2,110.00	Survey #1 (Bonanza 1023-9B3CS)	MWD	MWD - Standard
2,110.00	8,431.00	Survey #2 (Bonanza 1023-9B3CS)	MWD	MWD - Standard

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)
5.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00
206.00	0.89	247.26	205.99	-0.60	-1.44	0.82	0.44	0.44	0.00
297.00	1.64	291.91	296.97	-0.39	-3.30	2.45	1.30	0.82	49.07
390.00	2.16	355.48	389.93	1.85	-4.67	4.88	2.20	0.56	68.35
485.00	3.31	349.56	484.82	6.34	-5.31	8.01	1.24	1.21	-6.23
580.00	4.31	322.19	579.62	11.85	-8.00	13.41	2.15	1.05	-28.81
675.00	5.50	329.69	674.27	18.60	-12.48	20.99	1.42	1.25	7.89
770.00	6.31	322.06	768.76	26.65	-17.99	30.16	1.19	0.85	-8.03
865.00	7.56	316.44	863.07	35.30	-25.51	41.31	1.50	1.32	-5.92
959.00	8.69	308.19	956.13	44.17	-35.35	54.48	1.72	1.20	-8.78

Company: US ROCKIES REGION PLANNING
Project: UTAH - UTM (feet), NAD27, Zone 12N
Site: UINTAH_Bonanza 1023-9H PAD
Well: Bonanza 1023-9B3CS
Wellbore: Bonanza 1023-9B3CS
Design: Bonanza 1023-9B3CS

Local Co-ordinate Reference: Well Bonanza 1023-9B3CS
TVD Reference: 14' RKB + 5341' GL @ 5355.00ft (ENSIGN 146)
MD Reference: 14' RKB + 5341' GL @ 5355.00ft (ENSIGN 146)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: edm5000p

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)
1,054.00	10.19	302.31	1,049.84	53.10	-48.09	70.04	1.88	1.58	-6.19
1,149.00	11.75	301.19	1,143.10	62.60	-63.47	88.07	1.66	1.64	-1.18
1,244.00	13.75	301.02	1,235.75	73.43	-81.42	108.97	2.11	2.11	-0.18
1,340.00	15.25	300.81	1,328.69	85.78	-102.05	132.92	1.56	1.56	-0.22
1,434.00	16.13	301.38	1,419.19	98.91	-123.81	158.26	0.95	0.94	0.61
1,530.00	16.69	302.06	1,511.28	113.17	-146.88	185.32	0.62	0.58	0.71
1,625.00	20.38	301.56	1,601.34	129.07	-172.55	215.44	3.89	3.88	-0.53
1,719.00	19.44	302.19	1,689.72	145.97	-199.73	247.38	1.03	-1.00	0.67
1,814.00	20.56	303.19	1,778.99	163.53	-227.07	279.83	1.23	1.18	1.05
1,909.00	20.63	304.06	1,867.91	182.03	-254.90	313.22	0.33	0.07	0.92
2,004.00	19.94	306.56	1,957.02	201.06	-281.77	346.15	1.17	-0.73	2.63
2,110.00	20.31	308.41	2,056.55	223.25	-310.71	382.60	0.69	0.35	1.75
2,158.00	20.80	307.22	2,101.50	233.58	-324.02	399.44	1.34	1.02	-2.48
2,249.00	21.01	304.38	2,186.51	252.57	-350.35	431.90	1.14	0.23	-3.12
2,340.00	20.34	304.34	2,271.65	270.70	-376.87	464.02	0.74	-0.74	-0.04
2,430.00	19.25	302.55	2,356.33	287.51	-402.30	494.47	1.39	-1.21	-1.99
2,521.00	19.00	303.18	2,442.31	303.69	-427.34	524.25	0.36	-0.27	0.69
2,612.00	19.31	307.68	2,528.27	320.99	-451.65	554.09	1.66	0.34	4.95
2,702.00	22.06	309.55	2,612.46	340.85	-476.46	585.83	3.14	3.06	2.08
2,793.00	22.63	307.93	2,696.63	362.50	-503.45	620.37	0.92	0.63	-1.78
2,884.00	22.31	304.80	2,780.73	383.12	-531.44	655.14	1.36	-0.35	-3.44
2,974.00	22.00	304.93	2,864.08	402.52	-559.29	689.07	0.35	-0.34	0.14
3,065.00	20.63	302.30	2,948.86	420.84	-586.81	722.12	1.84	-1.51	-2.89
3,156.00	21.44	304.68	3,033.79	438.87	-614.04	754.76	1.29	0.89	2.62
3,246.00	20.88	303.30	3,117.72	457.04	-640.97	787.23	0.83	-0.62	-1.53
3,337.00	20.06	300.80	3,202.98	473.94	-667.94	818.98	1.32	-0.90	-2.75
3,427.00	20.19	301.43	3,287.48	489.94	-694.45	849.85	0.28	0.14	0.70
3,518.00	18.63	299.68	3,373.31	505.32	-720.48	879.96	1.83	-1.71	-1.92
3,608.00	18.13	300.68	3,458.72	519.59	-745.01	908.21	0.66	-0.56	1.11
3,699.00	17.94	302.05	3,545.25	534.25	-769.06	936.30	0.51	-0.21	1.51
3,790.00	18.69	304.93	3,631.64	550.03	-792.90	964.87	1.29	0.82	3.16
3,880.00	21.19	303.30	3,716.24	567.22	-818.32	995.54	2.85	2.78	-1.81
3,971.00	22.69	302.05	3,800.65	585.57	-846.94	1,029.49	1.73	1.65	-1.37
4,062.00	20.63	301.68	3,885.22	603.30	-875.46	1,063.00	2.27	-2.26	-0.41
4,152.00	19.53	304.62	3,969.75	620.18	-901.34	1,093.86	1.66	-1.22	3.27
4,243.00	20.63	305.43	4,055.21	638.11	-926.92	1,125.10	1.25	1.21	0.89
4,333.00	20.13	304.80	4,139.58	656.14	-952.56	1,156.44	0.61	-0.56	-0.70
4,424.00	20.06	306.05	4,225.04	674.27	-978.03	1,187.71	0.48	-0.08	1.37
4,515.00	20.31	304.68	4,310.45	692.44	-1,003.64	1,219.10	0.59	0.27	-1.51
4,605.00	20.44	303.30	4,394.82	709.95	-1,029.62	1,250.42	0.55	0.14	-1.53
4,696.00	20.06	302.55	4,480.20	727.07	-1,056.05	1,281.88	0.51	-0.42	-0.82
4,787.00	21.56	303.43	4,565.26	744.68	-1,083.16	1,314.17	1.68	1.65	0.97
4,877.00	20.38	302.68	4,649.30	762.25	-1,110.16	1,346.35	1.34	-1.31	-0.83

APC
Survey Report



Company: US ROCKIES REGION PLANNING
Project: UTAH - UTM (feet), NAD27, Zone 12N
Site: UINTAH_Bonanza 1023-9H PAD
Well: Bonanza 1023-9B3CS
Wellbore: Bonanza 1023-9B3CS
Design: Bonanza 1023-9B3CS

Local Co-ordinate Reference: Well Bonanza 1023-9B3CS
TVD Reference: 14' RKB + 5341' GL @ 5355.00ft (ENSIGN 146)
MD Reference: 14' RKB + 5341' GL @ 5355.00ft (ENSIGN 146)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: edm5000p

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,968.00	18.94	302.05	4,734.99	778.65	-1,136.01	1,376.91	1.60	-1.58	-0.69
5,059.00	17.38	300.30	4,821.45	793.34	-1,160.27	1,405.18	1.82	-1.71	-1.92
5,149.00	16.19	299.05	4,907.62	806.22	-1,182.84	1,431.03	1.38	-1.32	-1.39
5,240.00	14.63	298.05	4,995.34	817.78	-1,204.07	1,455.02	1.74	-1.71	-1.10
5,331.00	12.00	295.80	5,083.89	827.31	-1,222.74	1,475.73	2.95	-2.89	-2.47
5,422.00	10.38	294.05	5,173.16	834.76	-1,238.74	1,493.08	1.82	-1.78	-1.92
5,512.00	8.44	292.05	5,261.94	840.55	-1,252.27	1,507.44	2.19	-2.16	-2.22
5,603.00	7.13	290.93	5,352.10	845.07	-1,263.73	1,519.39	1.45	-1.44	-1.23
5,693.00	6.06	289.05	5,441.51	848.62	-1,273.44	1,529.35	1.21	-1.19	-2.09
5,784.00	5.38	286.68	5,532.05	851.41	-1,282.07	1,537.98	0.79	-0.75	-2.60
5,875.00	4.88	298.55	5,622.69	854.49	-1,289.56	1,545.86	1.29	-0.55	13.04
5,965.00	4.25	295.93	5,712.40	857.77	-1,295.92	1,552.94	0.74	-0.70	-2.91
6,056.00	3.50	291.68	5,803.20	860.27	-1,301.53	1,558.96	0.88	-0.82	-4.67
6,147.00	3.19	297.93	5,894.04	862.49	-1,306.35	1,564.16	0.53	-0.34	6.87
6,237.00	2.81	297.55	5,983.92	864.68	-1,310.52	1,568.83	0.42	-0.42	-0.42
6,328.00	2.38	291.43	6,074.82	866.40	-1,314.25	1,572.87	0.56	-0.47	-6.73
6,419.00	1.75	283.68	6,165.76	867.42	-1,317.36	1,575.99	0.76	-0.69	-8.52
6,509.00	0.81	262.93	6,255.74	867.67	-1,319.33	1,577.73	1.15	-1.04	-23.06
6,600.00	1.06	302.05	6,346.73	868.03	-1,320.68	1,579.04	0.74	0.27	42.99
6,691.00	0.50	267.43	6,437.72	868.46	-1,321.79	1,580.19	0.78	-0.62	-38.04
6,782.00	1.94	351.68	6,528.70	869.97	-1,322.41	1,581.57	2.15	1.58	92.58
6,872.00	1.81	359.68	6,618.65	872.90	-1,322.64	1,583.47	0.32	-0.14	8.89
6,963.00	1.13	357.05	6,709.62	875.23	-1,322.69	1,584.87	0.75	-0.75	-2.89
7,053.00	0.75	359.43	6,799.61	876.71	-1,322.75	1,585.78	0.42	-0.42	2.64
7,144.00	0.50	26.18	6,890.61	877.66	-1,322.58	1,586.19	0.42	-0.27	29.40
7,235.00	0.25	52.68	6,981.60	878.14	-1,322.24	1,586.20	0.33	-0.27	29.12
7,326.00	0.25	125.30	7,072.60	878.14	-1,321.92	1,585.95	0.33	0.00	79.80
7,416.00	0.56	135.43	7,162.60	877.71	-1,321.45	1,585.32	0.35	0.34	11.26
7,507.00	1.13	124.43	7,253.59	876.89	-1,320.40	1,583.98	0.65	0.63	-12.09
7,598.00	1.18	136.80	7,344.57	875.70	-1,319.02	1,582.16	0.28	0.05	13.59
7,688.00	2.31	173.80	7,434.53	873.22	-1,318.19	1,580.04	1.71	1.26	41.11
7,779.00	2.81	176.18	7,525.44	869.17	-1,317.84	1,577.40	0.56	0.55	2.62
7,870.00	2.56	165.68	7,616.34	864.98	-1,317.19	1,574.42	0.61	-0.27	-11.54
7,960.00	1.06	172.55	7,706.29	862.20	-1,316.59	1,572.31	1.68	-1.67	7.63
8,051.00	0.88	167.68	7,797.28	860.69	-1,316.33	1,571.22	0.22	-0.20	-5.35
8,142.00	1.06	135.43	7,888.27	859.41	-1,315.59	1,569.87	0.62	0.20	-35.44
8,232.00	1.31	137.68	7,978.25	858.05	-1,314.31	1,568.04	0.28	0.28	2.50
8,323.00	1.75	125.55	8,069.22	856.47	-1,312.48	1,565.63	0.60	0.48	-13.33
8,381.00	1.92	124.20	8,127.19	855.41	-1,310.96	1,563.78	0.30	0.29	-2.33
8,431.00	1.92	124.20	8,177.16	854.47	-1,309.57	1,562.10	0.00	0.00	0.00

APC
Survey Report



Company: US ROCKIES REGION PLANNING
Project: UTAH - UTM (feet), NAD27, Zone 12N
Site: UINTAH_Bonanza 1023-9H PAD
Well: Bonanza 1023-9B3CS
Wellbore: Bonanza 1023-9B3CS
Design: Bonanza 1023-9B3CS

Local Co-ordinate Reference: Well Bonanza 1023-9B3CS
TVD Reference: 14' RKB + 5341' GL @ 5355.00ft (ENSIGN 146)
MD Reference: 14' RKB + 5341' GL @ 5355.00ft (ENSIGN 146)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: edm5000p

Checked By: _____ Approved By: _____ Date: _____

US ROCKIES REGION PLANNING

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

UINTAH_Bonanza 1023-9H PAD

Bonanza 1023-9B3CS

Bonanza 1023-9B3CS

Design: Bonanza 1023-9B3CS

Survey Report - Geographic

11 May, 2011



Weatherford®



Company: US ROCKIES REGION PLANNING	Local Co-ordinate Reference: Well Bonanza 1023-9B3CS
Project: UTAH - UTM (feet), NAD27, Zone 12N	TVD Reference: 14' RKB + 5341' GL @ 5355.00ft (ENSIGN 146)
Site: UINTAH_Bonanza 1023-9H PAD	MD Reference: 14' RKB + 5341' GL @ 5355.00ft (ENSIGN 146)
Well: Bonanza 1023-9B3CS	North Reference: True
Wellbore: Bonanza 1023-9B3CS	Survey Calculation Method: Minimum Curvature
Design: Bonanza 1023-9B3CS	Database: edm5000p

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

Site	UINTAH_Bonanza 1023-9H PAD			
Site Position:	Northing:	14,517,690.63 ft	Latitude:	39.964964
From: Lat/Long	Easting:	2,109,588.43 ft	Longitude:	-109.325633
Position Uncertainty: 0.00 ft	Slot Radius: 0 "		Grid Convergence:	1.08 °

Well	Bonanza 1023-9B3CS			
Well Position	+N/-S	0.00 ft	Northing:	14,517,646.15 ft
	+E/-W	0.00 ft	Easting:	2,109,547.78 ft
Position Uncertainty	0.00 ft		Wellhead Elevation:	ft
			Latitude:	39.964844
			Longitude:	-109.325781
			Ground Level:	5,341.00 ft

Wellbore	Bonanza 1023-9B3CS				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	3/3/2011	11.03	65.88	52,360

Design	Bonanza 1023-9B3CS			
Audit Notes:				
Version: 1.0	Phase:	ACTUAL	Tie On Depth:	5.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	5.00	0.00	0.00	305.70

Survey Program	Date 5/11/2011			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
206.00	2,110.00	Survey #1 (Bonanza 1023-9B3CS)	MWD	MWD - Standard
2,110.00	8,431.00	Survey #2 (Bonanza 1023-9B3CS)	MWD	MWD - Standard

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
5.00	0.00	0.00	5.00	0.00	0.00	14,517,646.15	2,109,547.78	39.964844	-109.325781
206.00	0.89	247.26	205.99	-0.60	-1.44	14,517,645.52	2,109,546.35	39.964842	-109.325786
297.00	1.64	291.91	296.97	-0.39	-3.30	14,517,645.70	2,109,544.49	39.964843	-109.325793
390.00	2.16	355.48	389.93	1.85	-4.67	14,517,647.92	2,109,543.07	39.964849	-109.325798
485.00	3.31	349.56	484.82	6.34	-5.31	14,517,652.39	2,109,542.35	39.964861	-109.325800
580.00	4.31	322.19	579.62	11.85	-8.00	14,517,657.86	2,109,539.56	39.964877	-109.325810
675.00	5.50	329.69	674.27	18.60	-12.48	14,517,664.52	2,109,534.95	39.964895	-109.325826
770.00	6.31	322.06	768.76	26.65	-17.99	14,517,672.46	2,109,529.29	39.964917	-109.325845
865.00	7.56	316.44	863.07	35.30	-25.51	14,517,680.97	2,109,521.61	39.964941	-109.325872
959.00	8.69	308.19	956.13	44.17	-35.35	14,517,689.65	2,109,511.60	39.964965	-109.325907
1,054.00	10.19	302.31	1,049.84	53.10	-48.09	14,517,698.34	2,109,498.70	39.964990	-109.325953



Company: US ROCKIES REGION PLANNING
Project: UTAH - UTM (feet), NAD27, Zone 12N
Site: UINTAH_Bonanza 1023-9H PAD
Well: Bonanza 1023-9B3CS
Wellbore: Bonanza 1023-9B3CS
Design: Bonanza 1023-9B3CS

Local Co-ordinate Reference: Well Bonanza 1023-9B3CS
TVD Reference: 14' RKB + 5341' GL @ 5355.00ft (ENSIGN 146)
MD Reference: 14' RKB + 5341' GL @ 5355.00ft (ENSIGN 146)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: edm5000p

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
1,149.00	11.75	301.19	1,143.10	62.60	-63.47	14,517,707.55	2,109,483.14	39.965016	-109.326008
1,244.00	13.75	301.02	1,235.75	73.43	-81.42	14,517,718.04	2,109,464.99	39.965046	-109.326072
1,340.00	15.25	300.81	1,328.69	85.78	-102.05	14,517,730.00	2,109,444.14	39.965080	-109.326145
1,434.00	16.13	301.38	1,419.19	98.91	-123.81	14,517,742.72	2,109,422.13	39.965116	-109.326223
1,530.00	16.69	302.06	1,511.28	113.17	-146.88	14,517,756.55	2,109,398.80	39.965155	-109.326305
1,625.00	20.38	301.56	1,601.34	129.07	-172.55	14,517,771.97	2,109,372.84	39.965198	-109.326397
1,719.00	19.44	302.19	1,689.72	145.97	-199.73	14,517,788.35	2,109,345.34	39.965245	-109.326494
1,814.00	20.56	303.19	1,778.99	163.53	-227.07	14,517,805.39	2,109,317.68	39.965293	-109.326591
1,909.00	20.63	304.06	1,867.91	182.03	-254.90	14,517,823.37	2,109,289.51	39.965344	-109.326691
2,004.00	19.94	306.56	1,957.02	201.06	-281.77	14,517,841.89	2,109,262.28	39.965396	-109.326787
2,110.00	20.31	308.41	2,056.55	223.25	-310.71	14,517,863.53	2,109,232.94	39.965457	-109.326890
2,158.00	20.80	307.22	2,101.50	233.58	-324.02	14,517,873.61	2,109,219.43	39.965485	-109.326937
2,249.00	21.01	304.38	2,186.51	252.57	-350.35	14,517,892.10	2,109,192.75	39.965538	-109.327031
2,340.00	20.34	304.34	2,271.65	270.70	-376.87	14,517,909.73	2,109,165.89	39.965587	-109.327126
2,430.00	19.25	302.55	2,356.33	287.51	-402.30	14,517,926.06	2,109,140.16	39.965633	-109.327217
2,521.00	19.00	303.18	2,442.31	303.69	-427.34	14,517,941.77	2,109,114.81	39.965678	-109.327306
2,612.00	19.31	307.68	2,528.27	320.99	-451.65	14,517,958.61	2,109,090.19	39.965725	-109.327393
2,702.00	22.06	309.55	2,612.46	340.85	-476.46	14,517,978.00	2,109,065.00	39.965780	-109.327481
2,793.00	22.63	307.93	2,696.63	362.50	-503.45	14,517,999.14	2,109,037.62	39.965839	-109.327578
2,884.00	22.31	304.80	2,780.73	383.12	-531.44	14,518,019.23	2,109,009.24	39.965896	-109.327677
2,974.00	22.00	304.93	2,864.08	402.52	-559.29	14,518,038.10	2,108,981.03	39.965949	-109.327777
3,065.00	20.63	302.30	2,948.86	420.84	-586.81	14,518,055.91	2,108,953.17	39.966000	-109.327875
3,156.00	21.44	304.68	3,033.79	438.87	-614.04	14,518,073.43	2,108,925.60	39.966049	-109.327972
3,246.00	20.88	303.30	3,117.72	457.04	-640.97	14,518,091.08	2,108,898.34	39.966099	-109.328068
3,337.00	20.06	300.80	3,202.98	473.94	-667.94	14,518,107.47	2,108,871.06	39.966145	-109.328164
3,427.00	20.19	301.43	3,287.48	489.94	-694.45	14,518,122.97	2,108,844.26	39.966189	-109.328259
3,518.00	18.63	299.68	3,373.31	505.32	-720.48	14,518,137.86	2,108,817.94	39.966231	-109.328352
3,608.00	18.13	300.68	3,458.72	519.59	-745.01	14,518,151.66	2,108,793.15	39.966271	-109.328439
3,699.00	17.94	302.05	3,545.25	534.25	-769.06	14,518,165.87	2,108,768.82	39.966311	-109.328525
3,790.00	18.69	304.93	3,631.64	550.03	-792.90	14,518,181.21	2,108,744.70	39.966354	-109.328610
3,880.00	21.19	303.30	3,716.24	567.22	-818.32	14,518,197.92	2,108,718.96	39.966401	-109.328701
3,971.00	22.69	302.05	3,800.65	585.57	-846.94	14,518,215.72	2,108,689.99	39.966452	-109.328803
4,062.00	20.63	301.68	3,885.22	603.30	-875.46	14,518,232.92	2,108,661.14	39.966500	-109.328905
4,152.00	19.53	304.62	3,969.75	620.18	-901.34	14,518,249.30	2,108,634.96	39.966547	-109.328997
4,243.00	20.63	305.43	4,055.21	638.11	-926.92	14,518,266.76	2,108,609.04	39.966596	-109.329089
4,333.00	20.13	304.80	4,139.58	656.14	-952.56	14,518,284.30	2,108,583.07	39.966646	-109.329180
4,424.00	20.06	306.05	4,225.04	674.27	-978.03	14,518,301.94	2,108,557.26	39.966695	-109.329271
4,515.00	20.31	304.68	4,310.45	692.44	-1,003.64	14,518,319.63	2,108,531.32	39.966745	-109.329362
4,605.00	20.44	303.30	4,394.82	709.95	-1,029.62	14,518,336.65	2,108,505.01	39.966793	-109.329455
4,696.00	20.06	302.55	4,480.20	727.07	-1,056.05	14,518,353.27	2,108,478.26	39.966840	-109.329549
4,787.00	21.56	303.43	4,565.26	744.68	-1,083.16	14,518,370.37	2,108,450.83	39.966889	-109.329646
4,877.00	20.38	302.68	4,649.30	762.25	-1,110.16	14,518,387.43	2,108,423.51	39.966937	-109.329742
4,968.00	18.94	302.05	4,734.99	778.65	-1,136.01	14,518,403.34	2,108,397.35	39.966982	-109.329835
5,059.00	17.38	300.30	4,821.45	793.34	-1,160.27	14,518,417.58	2,108,372.82	39.967022	-109.329921
5,149.00	16.19	299.05	4,907.62	806.22	-1,182.84	14,518,430.03	2,108,350.01	39.967058	-109.330002
5,240.00	14.63	298.05	4,995.34	817.78	-1,204.07	14,518,441.19	2,108,328.56	39.967089	-109.330078
5,331.00	12.00	295.80	5,083.89	827.31	-1,222.74	14,518,450.36	2,108,309.73	39.967115	-109.330144
5,422.00	10.38	294.05	5,173.16	834.76	-1,238.74	14,518,457.52	2,108,293.58	39.967136	-109.330201
5,512.00	8.44	292.05	5,261.94	840.55	-1,252.27	14,518,463.05	2,108,279.95	39.967152	-109.330249
5,603.00	7.13	290.93	5,352.10	845.07	-1,263.73	14,518,467.36	2,108,268.40	39.967164	-109.330290
5,693.00	6.06	289.05	5,441.51	848.62	-1,273.44	14,518,470.72	2,108,258.63	39.967174	-109.330325
5,784.00	5.38	286.68	5,532.05	851.41	-1,282.07	14,518,473.35	2,108,249.95	39.967182	-109.330356
5,875.00	4.88	298.55	5,622.69	854.49	-1,289.56	14,518,476.28	2,108,242.41	39.967190	-109.330383
5,965.00	4.25	295.93	5,712.40	857.77	-1,295.92	14,518,479.45	2,108,235.99	39.967199	-109.330405
6,056.00	3.50	291.68	5,803.20	860.27	-1,301.53	14,518,481.84	2,108,230.33	39.967206	-109.330425

APC
Survey Report - Geographic



Company: US ROCKIES REGION PLANNING
Project: UTAH - UTM (feet), NAD27, Zone 12N
Site: UINTAH_Bonanza 1023-9H PAD
Well: Bonanza 1023-9B3CS
Wellbore: Bonanza 1023-9B3CS
Design: Bonanza 1023-9B3CS

Local Co-ordinate Reference: Well Bonanza 1023-9B3CS
TVD Reference: 14' RKB + 5341' GL @ 5355.00ft (ENSIGN 146)
MD Reference: 14' RKB + 5341' GL @ 5355.00ft (ENSIGN 146)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: edm5000p

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
6,147.00	3.19	297.93	5,894.04	862.49	-1,306.35	14,518,483.97	2,108,225.47	39.967212	-109.330442
6,237.00	2.81	297.55	5,983.92	864.68	-1,310.52	14,518,486.08	2,108,221.26	39.967218	-109.330457
6,328.00	2.38	291.43	6,074.82	866.40	-1,314.25	14,518,487.73	2,108,217.49	39.967223	-109.330471
6,419.00	1.75	283.68	6,165.76	867.42	-1,317.36	14,518,488.69	2,108,214.36	39.967226	-109.330482
6,509.00	0.81	262.93	6,255.74	867.67	-1,319.33	14,518,488.90	2,108,212.39	39.967226	-109.330489
6,600.00	1.06	302.05	6,346.73	868.03	-1,320.68	14,518,489.24	2,108,211.03	39.967227	-109.330494
6,691.00	0.50	267.43	6,437.72	868.46	-1,321.79	14,518,489.65	2,108,209.92	39.967228	-109.330498
6,782.00	1.94	351.68	6,528.70	869.97	-1,322.41	14,518,491.15	2,108,209.27	39.967233	-109.330500
6,872.00	1.81	359.68	6,618.65	872.90	-1,322.64	14,518,494.07	2,108,208.99	39.967241	-109.330501
6,963.00	1.13	357.05	6,709.62	875.23	-1,322.69	14,518,496.40	2,108,208.89	39.967247	-109.330501
7,053.00	0.75	359.43	6,799.61	876.71	-1,322.75	14,518,497.88	2,108,208.81	39.967251	-109.330501
7,144.00	0.50	26.18	6,890.61	877.66	-1,322.58	14,518,498.83	2,108,208.96	39.967254	-109.330500
7,235.00	0.25	52.68	6,981.60	878.14	-1,322.24	14,518,499.31	2,108,209.28	39.967255	-109.330499
7,326.00	0.25	125.30	7,072.60	878.14	-1,321.92	14,518,499.33	2,108,209.60	39.967255	-109.330498
7,416.00	0.56	135.43	7,162.60	877.71	-1,321.45	14,518,498.91	2,108,210.08	39.967254	-109.330496
7,507.00	1.13	124.43	7,253.59	876.89	-1,320.40	14,518,498.10	2,108,211.15	39.967252	-109.330493
7,598.00	1.18	136.80	7,344.57	875.70	-1,319.02	14,518,496.94	2,108,212.55	39.967248	-109.330488
7,688.00	2.31	173.80	7,434.53	873.22	-1,318.19	14,518,494.48	2,108,213.43	39.967241	-109.330485
7,779.00	2.81	176.18	7,525.44	869.17	-1,317.84	14,518,490.44	2,108,213.85	39.967230	-109.330483
7,870.00	2.56	165.68	7,616.34	864.98	-1,317.19	14,518,486.25	2,108,214.58	39.967219	-109.330481
7,960.00	1.06	172.55	7,706.29	862.20	-1,316.59	14,518,483.49	2,108,215.24	39.967211	-109.330479
8,051.00	0.88	167.68	7,797.28	860.69	-1,316.33	14,518,481.98	2,108,215.52	39.967207	-109.330478
8,142.00	1.06	135.43	7,888.27	859.41	-1,315.59	14,518,480.71	2,108,216.29	39.967204	-109.330475
8,232.00	1.31	137.68	7,978.25	858.05	-1,314.31	14,518,479.38	2,108,217.59	39.967200	-109.330471
8,323.00	1.75	125.55	8,069.22	856.47	-1,312.48	14,518,477.84	2,108,219.45	39.967196	-109.330464
8,381.00	1.92	124.20	8,127.19	855.41	-1,310.96	14,518,476.81	2,108,220.99	39.967193	-109.330459
8,431.00	1.92	124.20	8,177.16	854.47	-1,309.57	14,518,475.89	2,108,222.40	39.967190	-109.330454

Checked By: _____	Approved By: _____	Date: _____
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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

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

Well 1

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

Well 2

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

Well 3

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

ACTION CODES:

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

RECEIVED

MAY 21 2012

Cara Mahler

Name (Please Print)

Signature

REGULATORY ANALYST

5/21/2012

Title

Date

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

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

* not moved in unit

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

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

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

★ not moved into unit

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

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: PONDEROSA
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: BONANZA 1023-9B3CS	
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047505040000	
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6582	9. FIELD and POOL or WILDCAT: SANTRAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2147 FNL 1109 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 09 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: 1/13/2014 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="Production Enhancement"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>The Operator conducted the following workover/wellbore cleanout on the subject well on 01/13/2014. Please see attached chronological well history for details. Thank you!</p>		
<p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>FOR RECORD ONLY</p> <p>January 24, 2014</p>		
NAME (PLEASE PRINT) Kay E. Kelly	PHONE NUMBER 720 929 6582	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 1/23/2014	

US ROCKIES REGION
Operation Summary Report

US ROCKIES REGION								
Operation Summary Report								
Well: BONANZA 1023-9B3CS [GREEN]			Spud Conductor: 3/1/2011			Spud Date: 3/21/2011		
Project: UTAH-UINTAH			Site: BONANZA 1023-9H PAD			Rig Name No:		
Event: WELL WORK EXPENSE			Start Date: 1/13/2014			End Date: 1/17/2014		
Active Datum: RKB @5,355.01ft (above Mean Sea Level)			UWI: SE/NE/0/10/S/23/E/9/0/0/26/PM/N/2147/E/0/1109/0/0					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
1/13/2014	7:00 - 7:15	0.25	MAINT	48		P		JSA-SAFETY MEETING, MIRU, POSSIBLE TBG STUCK
	7:15 - 9:00	1.75	MAINT	30	A	P		MIRU SERVICE UNIT, PUMP 40 BBLS WTR DN TBG AND 60 BBLS DN CSG, N/D WH N/U BOPS,
	9:00 - 13:30	4.50	MAINT	31		P		P/U ON TBG W/ TBG STUCK @ 5400', PULLED TBG HANGER OFF, WORK TBG UP TO 100,000 #, NO MOVEMENT IN TBG,
	13:30 - 18:00	4.50	MAINT	34	A	P		R/U CUTTER WIRELINE RIH W/ BARS TO 7812', RIH W/ FREEPOINT TOOLS, SET 4012' 100% FREE, 5000' 20% FREE, 5790' 20% FREE, 6520' 15% FREE, 7010' 15% FREE, 7130' 8% FREE, 7160' 0% FREE, 7220' 0% FREE, 7510' 0% FREE, TOOH W/ TOOL, RIH W/ TBG CUTTER CUT TBG OFF @ 7100', P/O R/D WIRELINE, P/O LAY DN PUP JT AND 1- JT, SHUT WELL IN,
1/14/2014	7:00 - 7:15	0.25	MAINT	48		P		JSA-SAFETY MEETING, FISHING
	7:15 - 9:30	2.25	MAINT	31	I	P		800# ON BLOW DN TO TK, TOOH W/ 2 3/8" L-80 TBG W/ LAY DN LAST 24 JTS SCALE AND PITTED, LAY DN CUT OFF JT,
	9:30 - 13:00	3.50	MAINT	31	I	P		P/U RIH W/ 5 JTS WASH PIPE, SHOE, BS, JARS 4- 3 1/8" DC, X-OVER RIH W/ 2 3/8" L-80 TBG, TAG @ 6965', R/U POWER SWIVEL AND FOAM UNIT,
	13:00 - 18:30	5.50	MAINT	31	B	P		ESTB CIRC W/ FOAM UNIT, WASH DN FROM 6965' TO 7100' TOP OF FISH, WASH OVER FISH DN TO 7210' LOST TORQUE, WASH ON DN TO 7290', 30' PASS WERE TOP OF FISH SHOULD BE, FISH POSSIBLE DROP TO BOTTOM, CIRC WELL CLEAN, TOOH 11 JT LAY DN STRING FLOAT SHUT WELL IN, SDFN,
1/15/2014	7:00 - 7:15	0.25	MAINT	48		P		JSA-SAFETY MEETING, FISHING
	7:15 - 8:15	1.00	MAINT	31	I	P		800# ON WELL, BLOW WELL DN, PUMP 20 BBLS WTR DN TBG, RIH W/ TBG TAG @ 7386', STICKY R/U SWIVEL AND FOAM UNIT, ESTB CIRC W/ FOAM UNIT, TRY WASH DN W/ LOSSE OF CIRC, COULD KEEP GOOD CIRC,
	8:15 - 11:00	2.75	MAINT	31	B	P		P/O LAY DN 9 JT ON TRAILER, R/U SWIVEL, COULD NOT ESTB GOOD CIRC W/ FOAM UNIT,
	11:00 - 13:30	2.50	MAINT	31	B			TOOH W/ 2 3/8" TBG AND WASH PIPE, LAY DN 4 JTS WASH PIPE AND DRILL COLLARS, P/U RIH W/ WASH SHOE, OVERSHOT, 1- JT WASHPIPE, BUMPER SUB AND JARS, X-OVER TO TBG, RIH W/ 30 STANDS TBG, SHUT WELL IN SDFN,
1/16/2014	7:00 - 7:15	0.25	MAINT	48		P		JSA-SAFETY MEETING, FISHING
	7:15 - 9:00	1.75	MAINT	31	I	P		800# ON WELL, BLOW DN TO TK RIH W/ 2 3/8" TBG TO @ 7386', R/U SWIVEL AND FOAM UNIT,
	9:00 - 13:00	4.00	MAINT	31	B	P		ESTB CIRC W/ FOAM UNIT, WASH DN OVER TOP OF FISH TO 7510', PULLED UP TO 50,000# PULLED FREE OR FISH CAME OFF, TRY GO DN STACK OUT, PULLED UP WENT BACK DN TO 7548' LATCH ONTO FISH, PICK UP W/ MORE WEIGHT,

US ROCKIES REGION

Operation Summary Report

Well: BONANZA 1023-9B3CS [GREEN]	Spud Conductor: 3/1/2011	Spud Date: 3/21/2011
Project: UTAH-UINTAH	Site: BONANZA 1023-9H PAD	Rig Name No:
Event: WELL WORK EXPENSE	Start Date: 1/13/2014	End Date: 1/17/2014
Active Datum: RKB @5,355.01ft (above Mean Sea Level)	UWI: SE/NE/0/10/S/23/E/9/0/0/26/PM/N/2147/E/0/1109/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	13:00 - 17:00	4.00	MAINT	31	I	P		TOOH W/ 2 3/8" TBG AND TOOLS, LAY DN FISHING TOOLS AND 22 1/2 JTS TBG AND LSN NIPPLE, SHUT WELL IN LOCK RAMS, SDFN
1/17/2014	7:00 - 7:15	0.25	MAINT	48		P		JSA-SAFETY MEETING, TRIP TBG
	7:15 - 10:30	3.25	MAINT	31	I	P		800# ON WELL, BLOW DN TO TK, P/U 3 7/8" MILL RIH W/ 2 3/8" L-80 TBG, SMALL AMOUNT OF SCALE FROM 7510' TO 7800', RIH TO PBTD 8200', P/O LAY DN 17 JTS ON TRAILER,
	10:30 - 13:00	2.50	MAINT	31	I	P		TOOH W/ 2 3/8" TBG, LAY DN MILL
	13:00 - 17:00	4.00	MAINT	31	I	P		P/U 2 3/8" LSN NIPPLE RIH W/ 2 3/8" L-80 TBG, BROACH TBG IN HOLE, LANDED TBG W/ 246 JT 2 3/8" L-80 TBG @ 7800.62', N/D BOPS N/U WH, R/D UNIT PREPARE TO MOVE, SHUT WELL IN SDFWE, TURN WELL OVER TO PRODUCTION
								KB = 14.00'
								HANGER = .83'
								246 JTS 2 3/8" L-80 TBG = 7784.69'
								LSN NIPPLE 1.875" = 1.10'
								EOT = 7800.62'