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 State 921-35C GR	
2. TYPE OF WORK DRILL NEW WELL ● REENTER P&A WELL ○ DEEPEN WELL ○	**3. FIELD OR WILDCAT** NATURAL BUTTES
4. TYPE OF WELL Gas Well Coalbed Methane Well: NO	**5. UNIT or COMMUNITIZATION AGREEMENT NAME**
6. NAME OF OPERATOR KERR-MCGEE OIL & GAS ONSHORE, L.P.	**7. OPERATOR PHONE** 720 929-6515
8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217	**9. OPERATOR E-MAIL** julie.jacobson@anadarko.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UO 01194 ST	**11. MINERAL OWNERSHIP** FEDERAL ○ INDIAN ○ STATE ● FEE ○
	12. SURFACE OWNERSHIP FEDERAL ○ INDIAN ○ STATE ● FEE ○
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 ○ (Submit Commingling Application) NO ●
	19. SLANT VERTICAL ● DIRECTIONAL ○ HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	369 FNL 1594 FWL	NENW	35	9.0 S	21.0 E	S
Top of Uppermost Producing Zone	369 FNL 1594 FWL	NENW	35	9.0 S	21.0 E	S
At Total Depth	369 FNL 1594 FWL	NENW	35	9.0 S	21.0 E	S

21. COUNTY UINTAH	**22. DISTANCE TO NEAREST LEASE LINE (Feet)** 369	**23. NUMBER OF ACRES IN DRILLING UNIT** 1083
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 140	**26. PROPOSED DEPTH** MD: 4750 TVD: 4750
27. ELEVATION - GROUND LEVEL 4989	**28. BOND NUMBER** 22013542	**29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE** Permit #43-8496

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	11	8.625	0 - 2550	28.0	J-55 LT&C	0.2	Type V	180	1.15	15.8
							Class G	270	1.15	15.8
Prod	7.875	4.5	0 - 4750	11.6	I-80 Buttress	8.3	Premium Lite High Strength	140	3.38	11.0
							50/50 Poz	520	1.31	14.3

ATTACHMENTS

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

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☑ COMPLETE DRILLING PLAN
- ☐ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)
- ☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
- ☐ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)
- ☑ TOPOGRAPHICAL MAP

NAME Danielle Piernot	**TITLE** Regulatory Analyst	**PHONE** 720 929-6156
SIGNATURE	**DATE** 03/23/2011	**EMAIL** danielle.piernot@anadarko.com
API NUMBER ASSIGNED 43047515450000	**APPROVAL**	Permit Manager

RECEIVED: Mar. 31, 2011

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

STATE 921-35C-GR

Surface: 369 FNL / 1594 FWL NENW
BHL: 369 FNL / 1594 FWL NENW

Section 35 T9S R21E

Unitah County, Utah
Mineral Lease: UO 01194 ST

ONSHORE ORDER NO. 1

DRILLING PROGRAM

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

Formation	Depth	Resource
Uinta	0 - Surface	
Green River	1430	Oil
Birds Nest	1717	Water
Mahogany	2103	Water
Wasatch	4705	Gas
TD	4750	

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

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7. Abnormal Conditions:

Maximum anticipated bottom hole pressure calculated at 4750' TVD, approximately equals 1,998 psi (0.42 psi/ft = actual bottomhole gradient)

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

Maximum anticipated surface pressure equals approximately 953 psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot, per Onshore Order No. 2).

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

8. Anticipated Starting Dates:

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

9. 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 11 inch hole to just above the Bird's Nest interval with an air hammer. The hammer is then tripped and replaced with a 11 inch tri-cone bit. The tri-cone bit is used to drill to the surface casing point, approximately 500 feet below the loss circulation zone (Bird's Nest). The 8-5/8 inch surface casing is then run and cemented in place, thereby isolating the lost circulation zone.

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

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

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

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

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

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

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

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

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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.

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KERR-McGEE OIL & GAS ONSHORE LP

DRILLING PROGRAM

COMPANY NAME	KERR-McGEE OIL & GAS ONSHORE LP		DATE	March 31, 2011	
WELL NAME	**STATE 921-35C-GR**		TD	4,750' TVD	4,750' MD
FIELD	Natural Buttes	COUNTY Uintah	STATE Utah	FINISHED ELEVATION	4,986'
SURFACE LOCATION	NENW 369 FNL 1594 FWL	Sec 35	T 9S	R 21E	
	Latitude: 39.998798	Longitude: -109.521987		NAD 27	
BTM HOLE LOCATION	NENW 369 FNL 1594 FWL	Sec 35	T 9S	R 21E	
	Latitude: 39.998798	Longitude: -109.521987		NAD 27	
OBJECTIVE ZONE(S)	Green River				
ADDITIONAL INFO	Regulatory Agencies: UDOGM (Minerals), UDOGM (Surface), UDOGM Tri-County Health Dept.				

GEOLOGICAL			MECHANICAL		
LOGS	FORMATION TOPS	DEPTH	HOLE SIZE	CASING SIZE	MUD WEIGHT
		40'	14"		
			11'	8-5/8", 28#, IJ-55, LTC	Air mist

All water flows encountered while drilling will be reported to the appropriate agencies.

Green River @	**1,430'**	
Top of Birds Nest @	**1,717'**	
Mahogany @	**2,103'**	
Preset f/ GL @	**2,550'**	**MD**

Note: 11" surface hole will usually be drilled ±400' below the lost circulation zone (aka bird's nest). Drilled depth may be ±200' of the estimated set depth depending on the acutal depth of the loss zone.

Mud logging program TBD		7-7/8"	
Cased hole logging program from TD - surf csg		4-1/2" 11.6# I-80 or equivalent LTC/BTC csg	Water / Fresh Water Mud 8.3
Wasatch @	**4,705'**		
Max anticipated Mud required 8.3 ppg	**4,750' TVD**		
TD @	**4,750' MD**		

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API Well Number: 43047515450000

KERR-McGEE OIL & GAS ONSHORE LP

DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL			WT.	GR.	CPLG.	DESIGN FACTORS BURST	COLLAPSE	TENSION LTC	TENSION BTC
CONDUCTOR	14"	0-40'									
								3,390	1,880	348,000	N/A
SURFACE	8-5/8"	0	to	2,550	28.00	IJ-55	LTC	2.12	1.58	4.82	N/A
								7,780	6,350	201,000	267,000
PRODUCTION	4-1/2"	0	to	4,750	11.60	I-80	LTC or BTC	1.11	3.10	4.18	5.55

Surface Casing:

(Burst Assumptions: TD = 8.3 ppg) 0.73 psi/ft = frac gradient @ surface shoe

Fracture at surface shoe with 0.1 psi/ft gas gradient above

(Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

Production casing:

(Burst Assumptions: Pressure test with 8.4ppg @ 7000 psi) 0.42 psi/ft = bottomhole gradient

(Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500'	Premium cmt + 2% CaCl	180	60%	15.80	1.15
Option 1			+ 0.25 pps flocele				
	TOP OUT CMT (6 jobs)	1,200'	20 gals sodium silicate + Premium cmt	270	0%	15.80	1.15
			+ 2% CaCl + 0.25 pps flocele				
SURFACE			**NOTE: If well will circulate water to surface, option 2 will be utilized**				
Option 2	LEAD	2,050'	65/35 Poz + 6% Gel + 10 pps gilsonite	190	35%	11.00	3.82
			+ 0.25 pps Flocele + 3% salt BWOW				
	TAIL	500'	Premium cmt + 2% CaCl	150	35%	15.80	1.15
			+ 0.25 pps flocele				
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.80	1.15
PRODUCTION	LEAD	2,050'	Premium Lite II +0.25 pps	140	10%	11.00	3.38
			celloflake + 5 pps gilsonite + 10% gel				
			+ 0.5% extender				
	TAIL	2,700'	50/50 Poz/G + 10% salt + 2% gel	520	10%	14.30	1.31
			+ 0.1% R-3				

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

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

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe
PRODUCTION	Float shoe, 1 jt, float collar. No centralizers will be used.

ADDITIONAL INFORMATION

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

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

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

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

DRILLING ENGINEER: _____ **DATE:** _____

Nick Spence / Emile Goodwin

DRILLING SUPERINTENDENT: _____ **DATE:** _____

Kenny Gathings / Lovel Young

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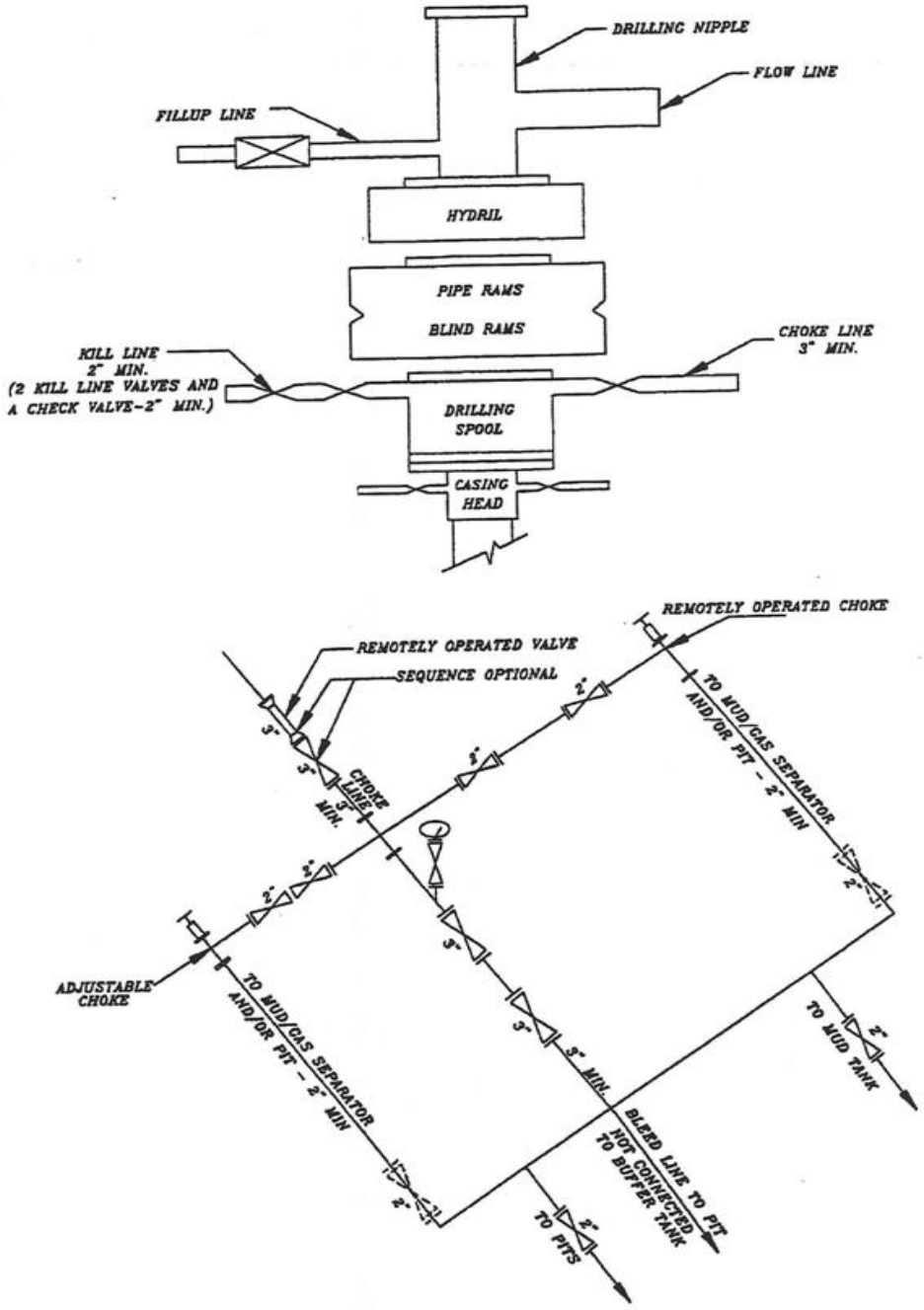
EXHIBIT A
STATE 921-35C-GR



SCHEMATIC DIAGRAM OF 5,000 PSI BOP STACK

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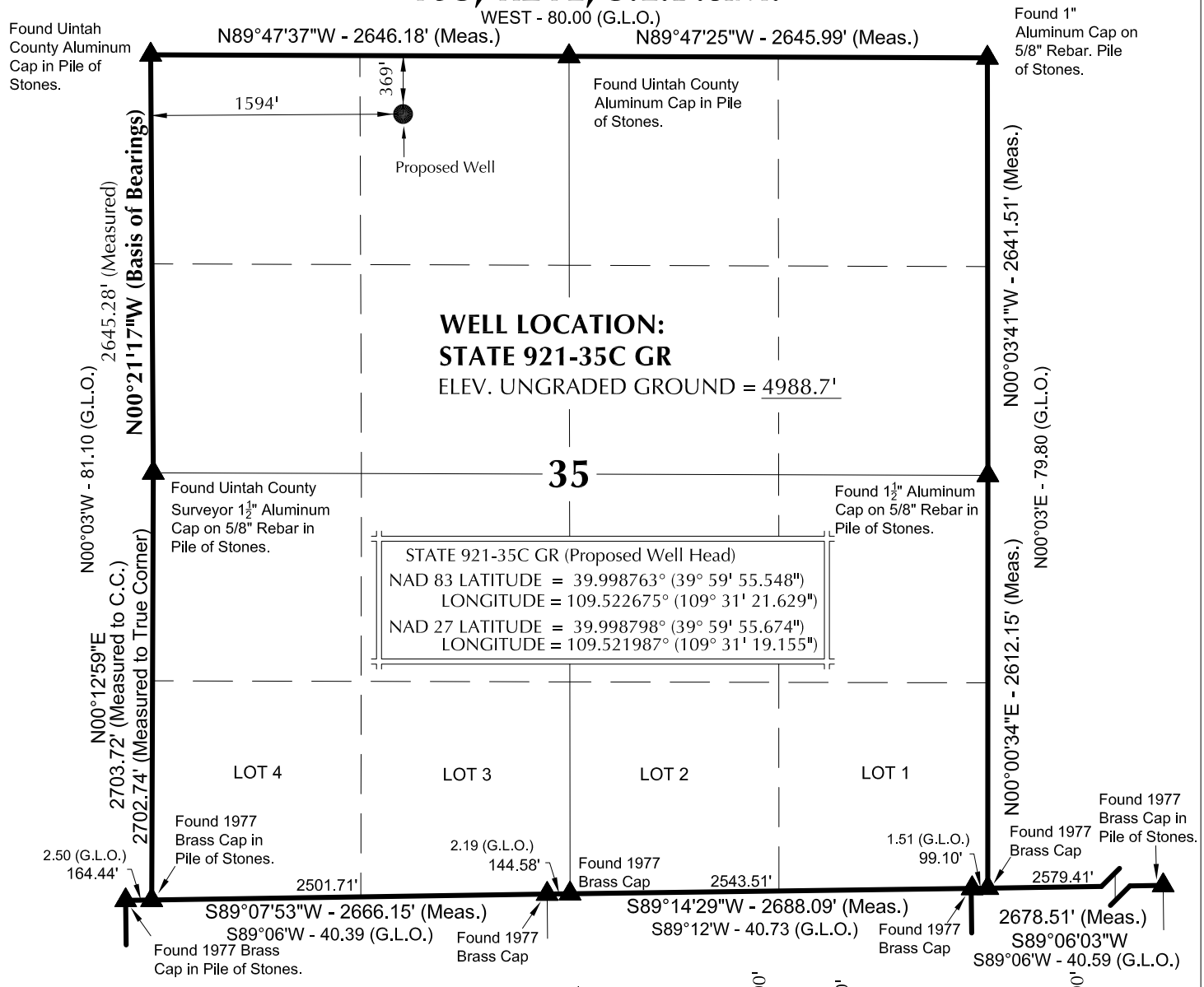
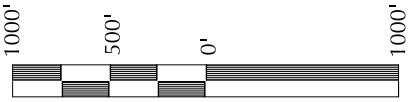
API Well Number: 43047515450000

T9S, R21E, S.L.B.&M.





SCALE

NOTES:

▲ = Section Corners Located

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

N

SURVEYOR'S CERTIFICATE

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

PROFESSIONAL LAND SURVEYOR No.6028691 JOHN R CAUGHLAN STATE OF UTAH

PROFESSIONAL LAND SURVEYOR
REGISTRATION No. 6028691
STATE OF UTAH 3-10-11

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

WELL PAD: NBU 921-35C

STATE 921-35C GR
WELL PLAT
369' FNL, 1594' FWL
NE ¼ NW ¼ OF SECTION 35, T9S, R21E, S.L.B.&M., UINTAH COUNTY, UTAH.

609 CONSULTING, LLC
2155 North Main Street
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182

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

DATE SURVEYED: 3-9-11	SURVEYED BY: M.S.B.	SHEET NO: 1
DATE DRAWN: 3-10-11	DRAWN BY: E.M.S.	1 OF 13
SCALE: 1" = 1000'	Date Last Revised:	

RECEIVED: Mar. 23, 2011

WELL NAME	SURFACE POSITION				
	NAD83		NAD27		
	LATITUDE	LONGITUDE	LATITUDE	LONGITUDE	FOOTAGES
STATE 921-35C GR	39°59'55.548" 39.998763°	109°31'21.629" 109.522675°	39°59'55.674" 39.998798°	109°31'19.155" 109.521987°	369' FNL 1594' FWL
NBU 921-35D1BS	39°59'55.351" 39.998709°	109°31'21.656" 109.522682°	39°59'55.477" 39.998744°	109°31'19.182" 109.521995°	389' FNL 1592' FWL
NBU 921-35C1CS	39°59'55.253" 39.998681°	109°31'21.670" 109.522686°	39°59'55.379" 39.998716°	109°31'19.195" 109.521999°	399' FNL 1591' FWL
NBU 921-35D1CS	39°59'55.155" 39.998654°	109°31'21.684" 109.522690°	39°59'55.281" 39.998689°	109°31'19.210" 109.522003°	409' FNL 1589' FWL
NBU 921-35D4CS	39°59'55.057" 39.998627°	109°31'21.697" 109.522694°	39°59'55.183" 39.998662°	109°31'19.223" 109.522006°	418' FNL 1588' FWL
NBU 310	39°59'54.429" 39.998452°	109°31'22.691" 109.522970°	39°59'54.555" 39.998488°	109°31'20.216" 109.522282°	482' FNL 1511' FWL

BASIS OF BEARINGS IS THE WEST LINE OF THE NW $\frac{1}{4}$ OF SECTION 35, T9S, R21E, S.L.B.&M. WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N00°21'17"W.

STATE 921-35C GR
Az. to Exist. NBU 310 W.H.=216.15083° 140.2'

20'
10'
10'
10'

Previously Proposed NBU 921-35D1BS
Previously Proposed NBU 921-35C1CS
Previously Proposed NBU 921-35D1CS
Previously Proposed NBU 921-35D4CS

EXISTING WELL: NBU 310

S05°57'26"W
Az=185.95722°

N

60' 30' 0' 60'
SCALE

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

WELL PAD - NBU 921-35C

WELL PAD INTERFERENCE PLAT
WELLS - STATE 921-35C GR
LOCATED IN SECTION 35, T9S, R21E, S.L.B.&M., UINTAH COUNTY, UTAH.

609 CONSULTING, LLC
2155 North Main Street
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182

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

DATE SURVEYED: 3-9-11	SURVEYED BY: M.S.B.	SHEET NO: 2
DATE DRAWN: 3-10-11	DRAWN BY: E.M.S.	2 OF 13
SCALE: 1" = 60'	Date Last Revised:	

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

EXISTING ACCESS ROAD

6" GAS LINE
6" (MAX.) LIQUID LINE

DESIGN NOTE: AFTER WELLS ARE DRILLED AND INTERIM WELL PAD RECLAMATION IS COMPLETED, CONSTRUCT DIVERSION DITCH TO ALLOW FOR SURFACE DRAINAGE.

CONSTRUCT LOW WATER CROSSING (AS NEEDED)

RESERVE PIT & EXCESS CUT STOCKPILE

TOPSOIL STOCKPILE

RESERVE PIT & EXCESS CUT STOCKPILE

RESERVE PIT
12' DEPTH
SLOPE 1.5:1

TOPSOIL STOCKPILE

RESERVE PIT & EXCESS CUT STOCKPILE

STATE 921-35C GR

PREVIOUSLY PROPOSED: NBU 921-35D1BS
PREVIOUSLY PROPOSED: NBU 921-35C1CS
PREVIOUSLY PROPOSED: NBU 921-35D1CS
PREVIOUSLY PROPOSED: NBU 921-35D4CS

EXISTING METER/ SEPARATOR

EXISTING METHANOL TANK

EXISTING WELL: NBU 310

EXISTING TANK AND BERM

EXISTING WELL PAD

RECLAIMED PIT

BOILER
GENERATOR
DIESEL TANK
MUD PUMP
MUD PUMP
MUD TANK
SHAKER TANK
PIPERACKS
PIPETUBS
DERRICK STAND
FILL
CUT

4970
4980
4990
4990
5000
5010
5020
5030
5040

1 F4.1	2 F11.6	3 F5.1	4 C2.5	5 C12.9	6 C7.3	7 C4.4	8 C15.5	9 C18.6	10 C2.4
A F2.4	B C2.6	C C7.6	D C2.2	W C2.1					

170' 15' 182' 120' 235' 205' 47' 235' 260' 55' 15' 119' 220' 200' 165' 170' 63'

WELL PAD - NBU 921-35C DESIGN SUMMARY

EXISTING GRADE @ CENTER OF WELL PAD = 4988.1'
FINISHED GRADE ELEVATION = 4986.0'
CUT SLOPES = 1.5:1
FILL SLOPES = 1.5:1
TOTAL WELL PAD AREA = 3.66 ACRES
TOTAL DAMAGE AREA = 6.28 ACRES
SHRINKAGE FACTOR = 1.10
SWELL FACTOR = 1.00

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

WELL PAD - NBU 921-35C

WELL PAD - LOCATION LAYOUT
STATE 921-35C GR
LOCATED IN SECTION 35, T9S, R21E,
S.L.B.&M., UINTAH COUNTY, UTAH

609 CONSULTING, LLC
2155 North Main Street
Sheridan, WY 82801
Phone 307-674-0609
Fax 307-674-0182

WELL PAD QUANTITIES

TOTAL CUT FOR WELL PAD = 16,615 C.Y.
TOTAL FILL FOR WELL PAD = 11,689 C.Y.
TOPSOIL @ 6" DEPTH = 2,177 C.Y.
EXCESS MATERIAL = 4,926 C.Y.

RESERVE PIT QUANTITIES

TOTAL CUT FOR RESERVE PIT
+/- 11,020 CY
RESERVE PIT CAPACITY (2' OF FREEBOARD)
+/- 42,290 BARRELS

WELL PAD LEGEND

- EXISTING WELL LOCATION
- PROPOSED WELL LOCATION
- PREVIOUSLY PROPOSED WELL LOCATION
- EXISTING CONTOURS (2' INTERVAL)
- PROPOSED CONTOURS (2' INTERVAL)
- PPL — PROPOSED PIPELINE
- EPL — EXISTING PIPELINE

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

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

Scale: 1"=60' | Date: 3/11/11 | SHEET NO: 3 3 OF 13
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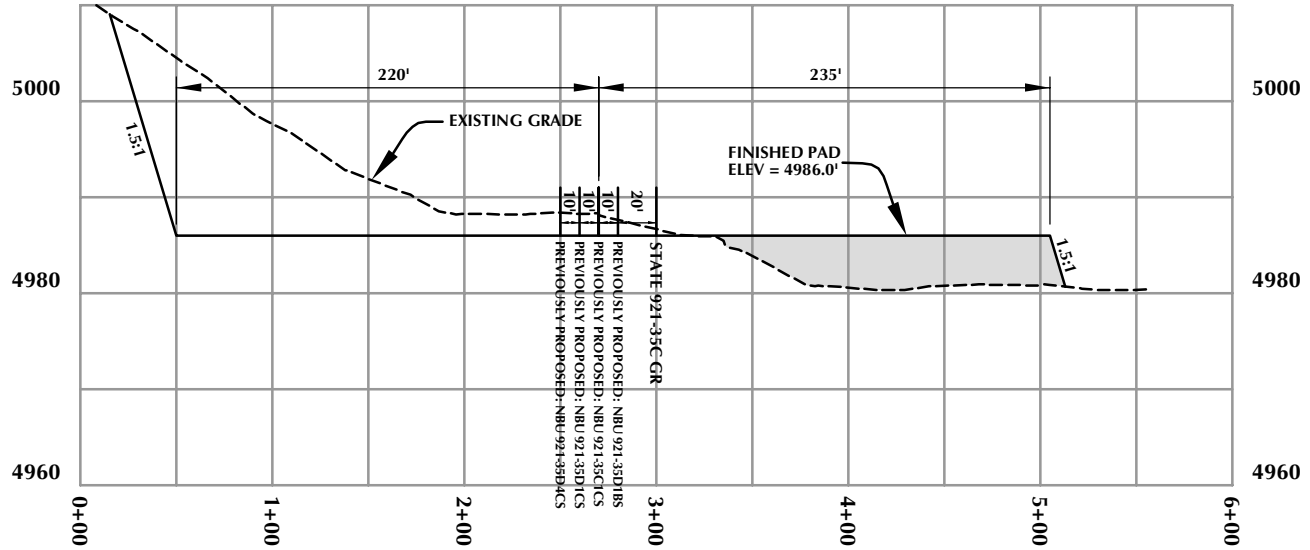
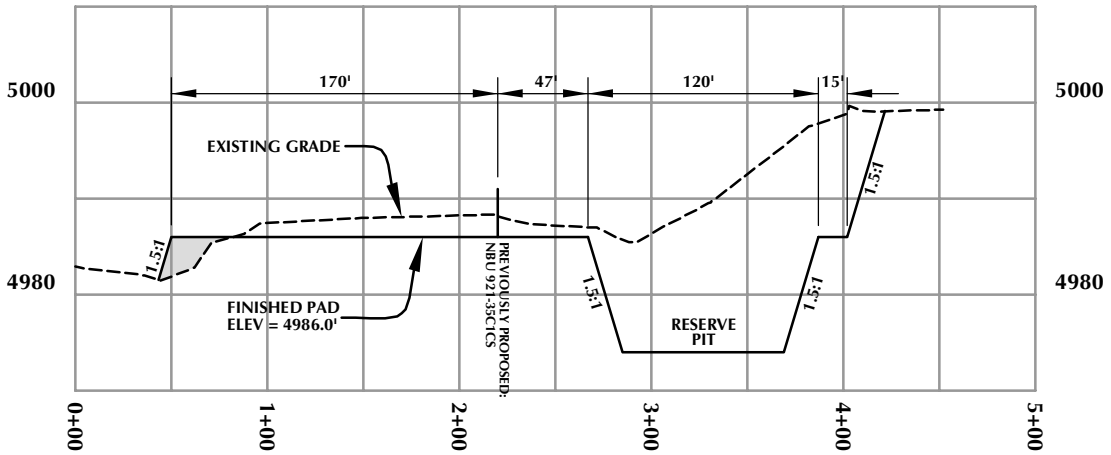


CROSS SECTION A-A'



CROSS SECTION B-B'

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

WELL PAD - NBU 921-35C

WELL PAD - CROSS SECTIONS
STATE 921-35C GR
LOCATED IN SECTION 35, T9S, R21E,
S.L.B.&M., UINTAH COUNTY, UTAH

609
CONSULTING, LLC
2155 North Main Street
Sheridan, WY 82801
Phone 307-674-0609
Fax 307-674-0182

HORIZONTAL 0 50 100 1" = 100'
VERTICAL 0 10 20 1" = 20'

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209 NORTH 300 WEST - VERNAL, UTAH 84078

Scale: 1"=100' | Date: 3/11/11 | SHEET NO: 4 4 OF 13
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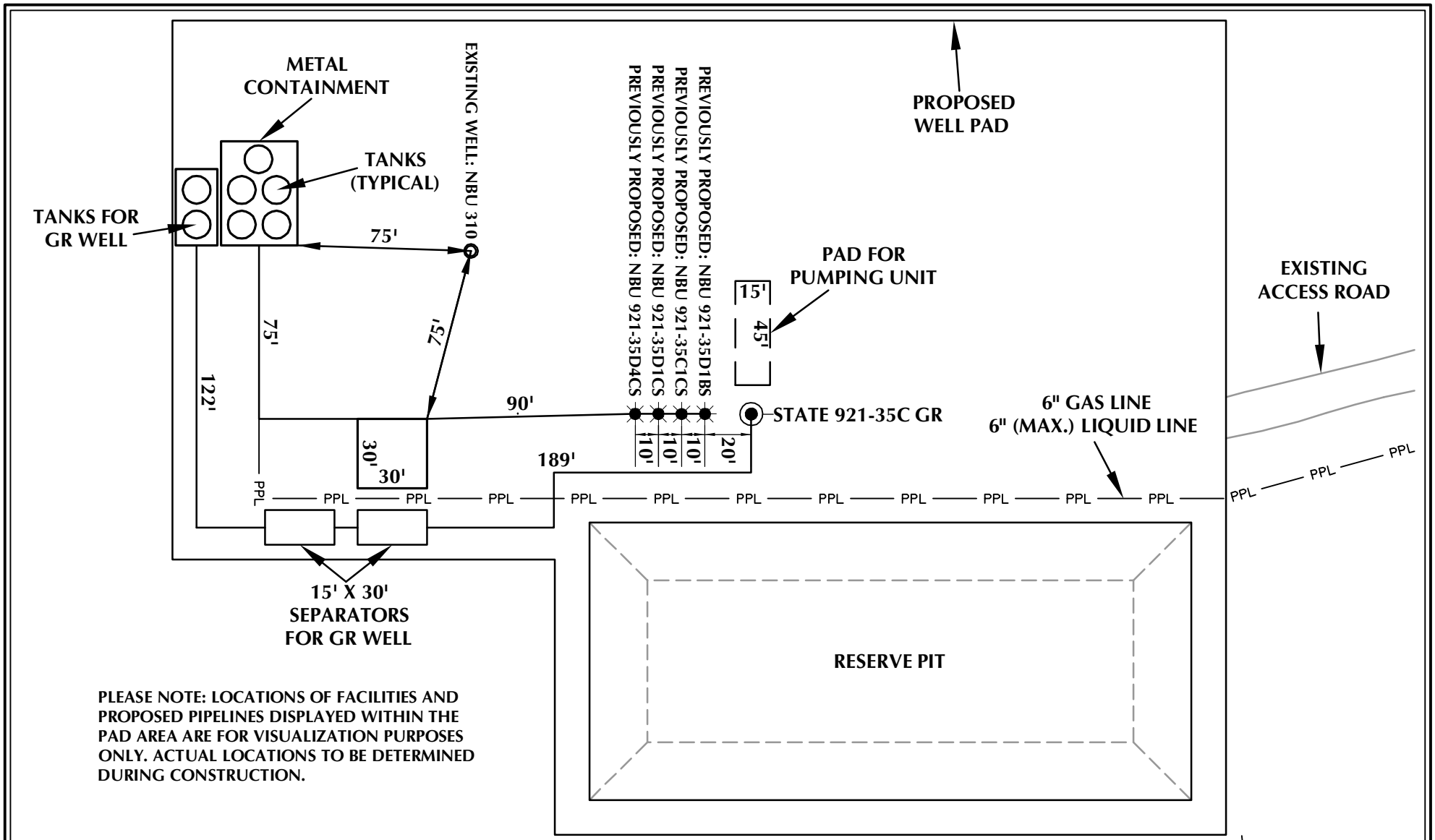

PLEASE NOTE: LOCATIONS OF FACILITIES AND PROPOSED PIPELINES DISPLAYED WITHIN THE PAD AREA ARE FOR VISUALIZATION PURPOSES ONLY. ACTUAL LOCATIONS TO BE DETERMINED DURING CONSTRUCTION.

Kerr-McGee Oil & Gas Onshore, LP
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WELL PAD - NBU 921-35C

WELL PAD - FACILITIES DIAGRAM
STATE 921-35C GR
LOCATED IN SECTION 35, T9S, R21E,
S.L.B.&M., UINTAH COUNTY, UTAH

609 CONSULTING, LLC
2155 North Main Street
Sheridan, WY 82801
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WELL PAD LEGEND

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

HORIZONTAL 0 30' 60' 1" = 60'

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

Scale: 1"=60' | Date: 3/11/11 | SHEET NO: 5 5 OF 13
REVISED:

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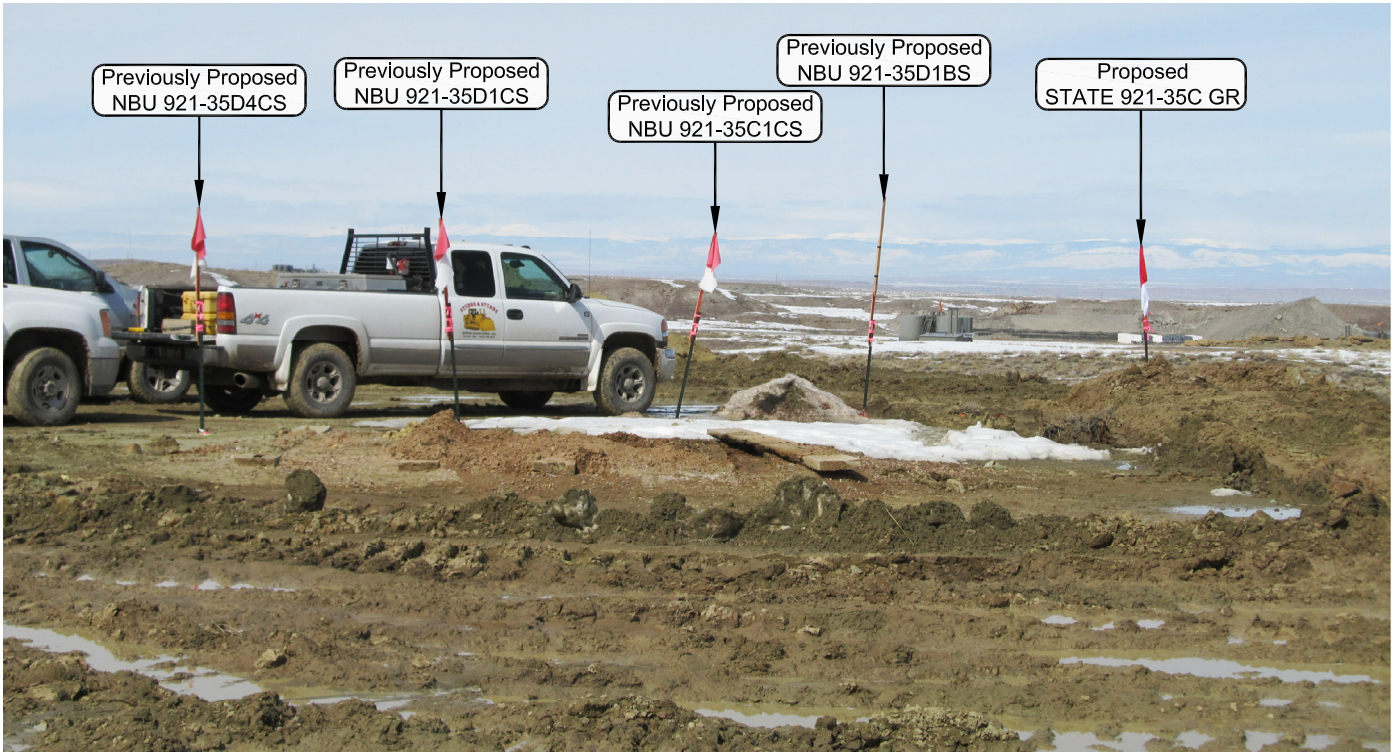

PHOTO VIEW: FROM PIT CORNER D TO LOCATION STAKE CAMERA ANGLE: WESTERLY

PHOTO VIEW: FROM EXISTING ACCESS ROAD CAMERA ANGLE: SOUTHERLY

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

WELL PAD - NBU 921-35C

LOCATION PHOTOS
STATE 921-35C GR
LOCATED IN SECTION 35, T9S, R21E, S.L.B.&M., UINTAH COUNTY, UTAH.

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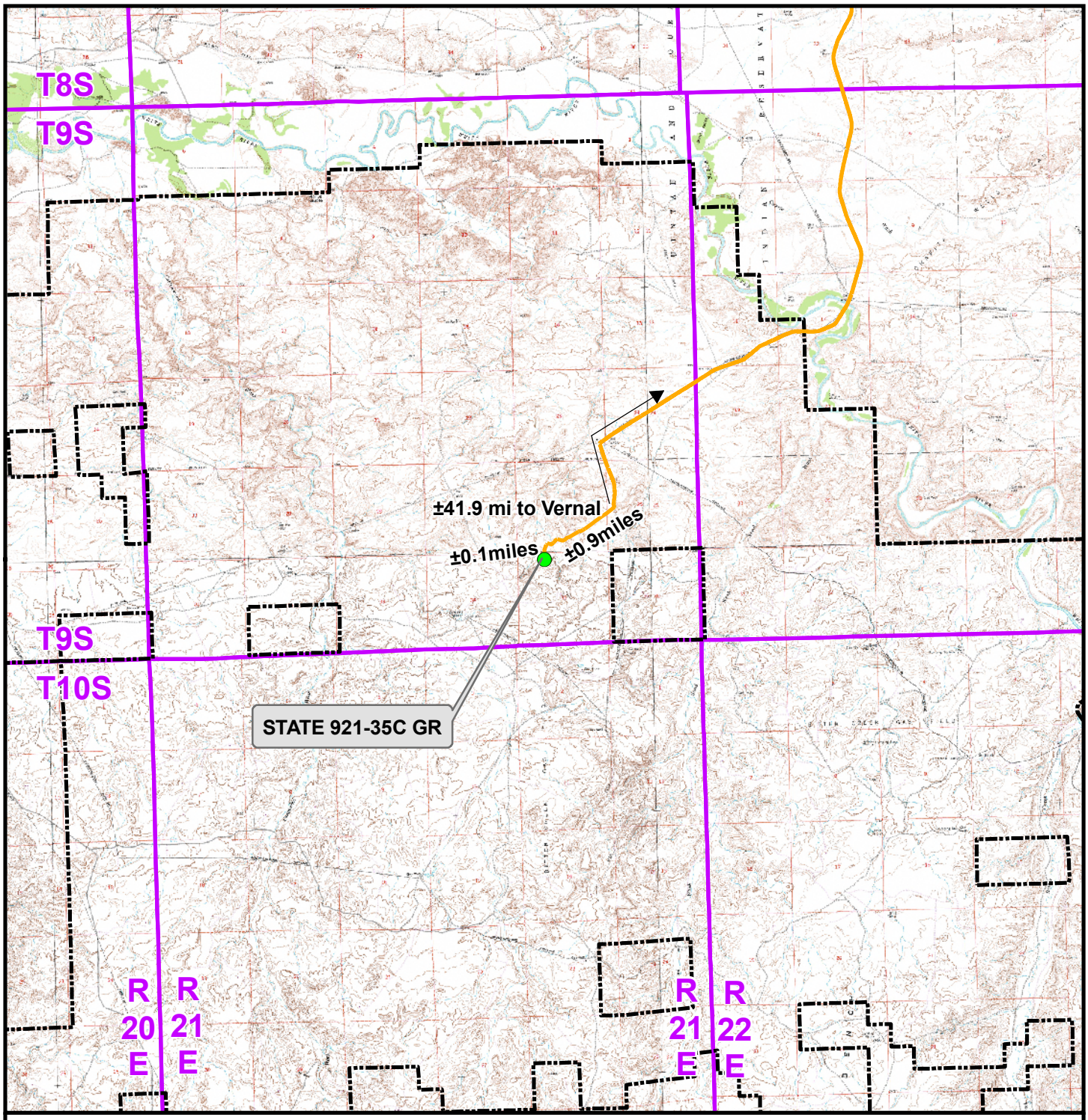
Phone 307-674-0609
Fax 307-674-0182

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

DATE PHOTOS TAKEN: 3-9-11	PHOTOS TAKEN BY: M.S.B.	SHEET NO: 6
DATE DRAWN: 3-10-11	DRAWN BY: E.M.S.	6 OF 13
Date Last Revised:		

RECEIVED: Mar. 23, 2011

API Well Number: 43047515450000



Legend

Distance From Well Pad - NBU 921-35C To Unit Boundary: ±3,697ft

Proposed Well Location

Natural Buttes Unit Boundary

Access Route - Proposed

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WELL PAD - NBU 921-35C

TOPO A
STATE 921-35C GR
LOCATED IN SECTION 35, T9S, R21E, S.L.B.&M., UINTAH COUNTY, UTAH

609 CONSULTING, LLC
2155 North Main Street
Sheridan, WY 82801
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Fax (307) 674-0182

N

Scale: 1:100,000	NAD83 USP Central	Sheet No: 7	7 of 13
Drawn: TL	Date: 11 Mar 2011		
Revised:	Date:		

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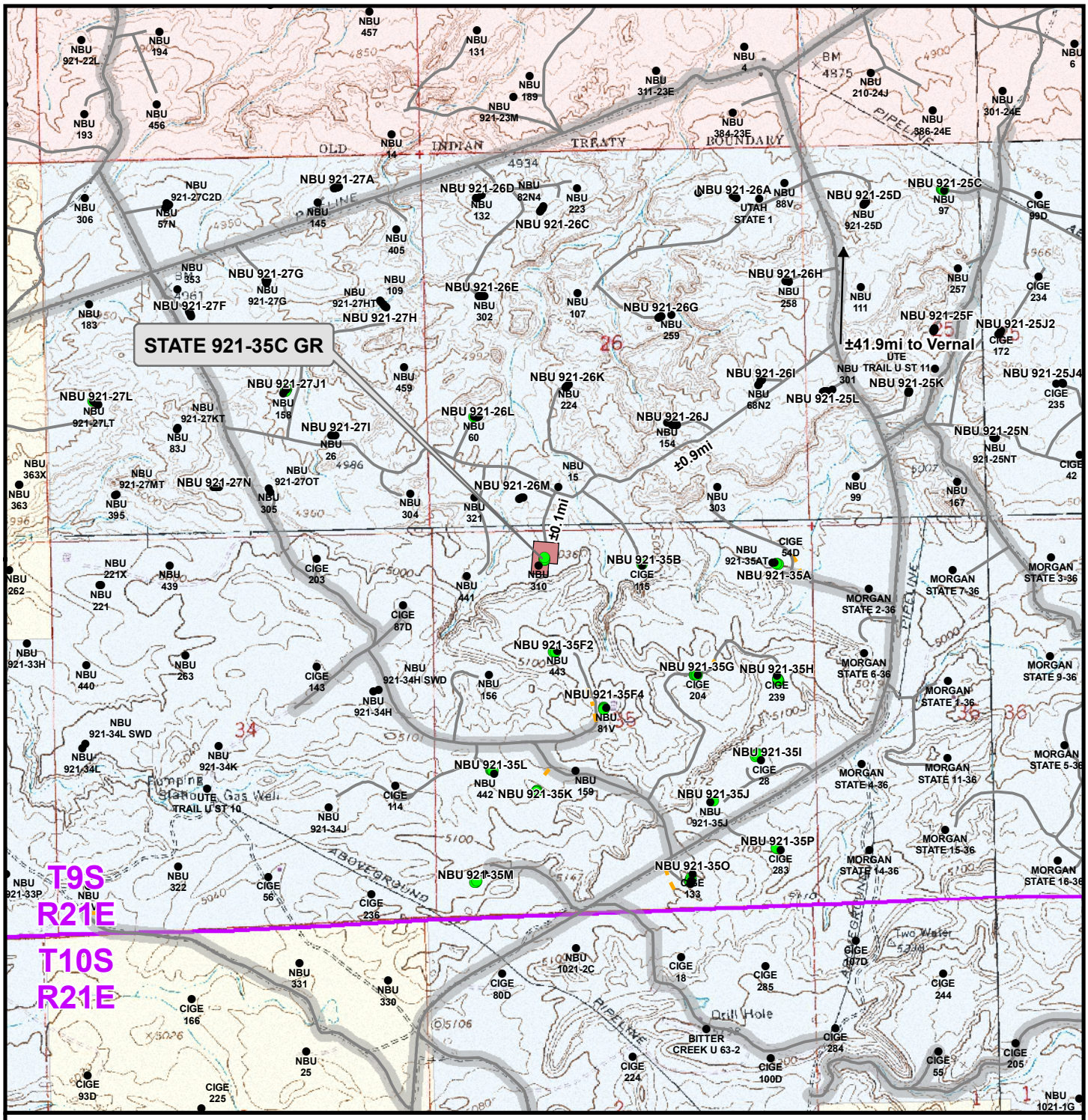

Legend

Total Proposed Road Length: ±0ft

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

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

WELL PAD - NBU 921-35C

TOPO B
STATE 921-35C GR
LOCATED IN SECTION 35, T9S, R21E, S.L.B.&M., UINTAH COUNTY, UTAH

609 CONSULTING, LLC
2155 North Main Street
Sheridan, WY 82801
Phone (307) 674-0609
Fax (307) 674-0182

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Scale: 1" = 2,000ft	NAD83 USP Central	Sheet No: 8	8 of 13
Drawn: TL	Date: 11 Mar 2011		
Revised:	Date:		

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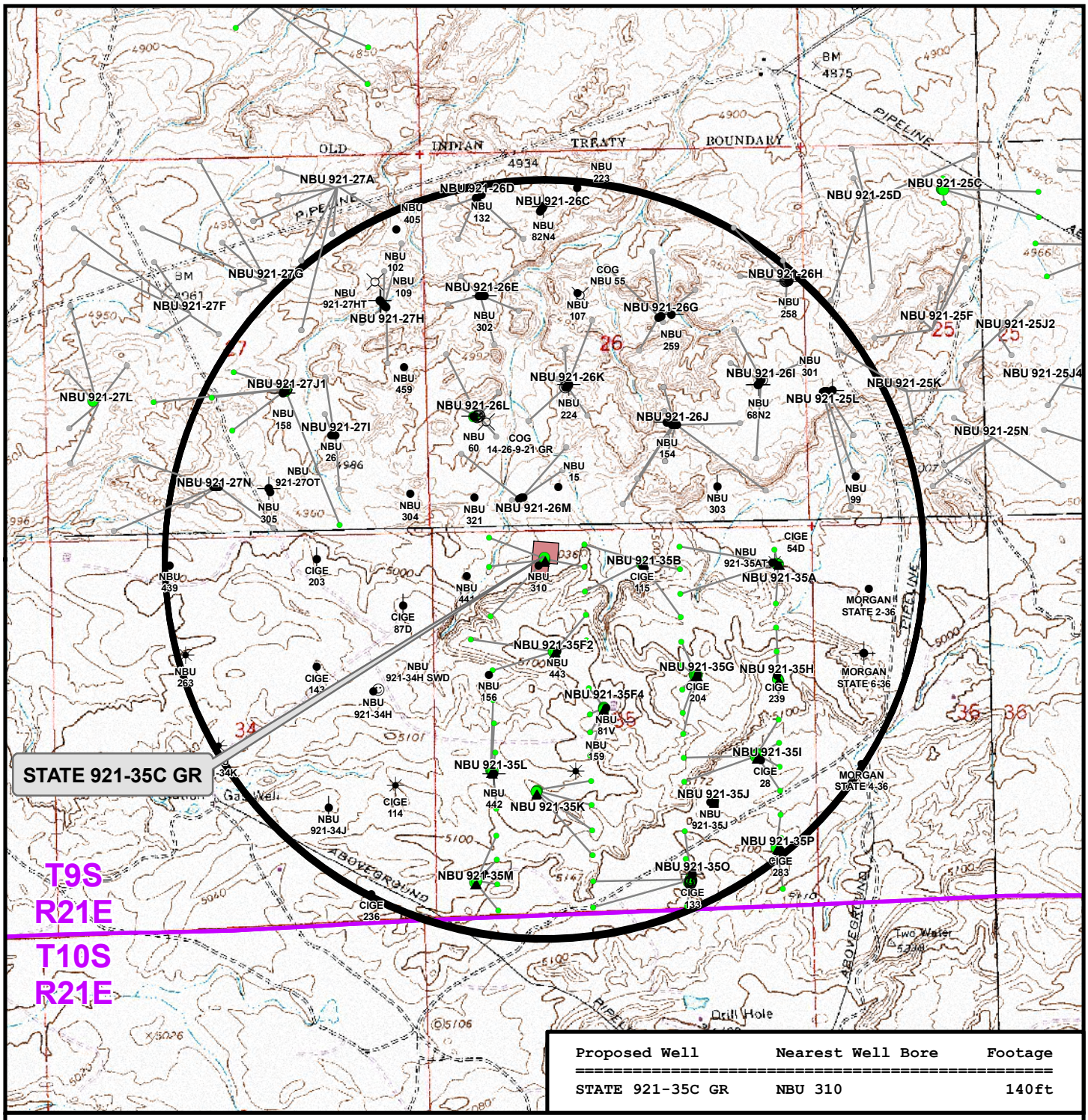
API Well Number: 43047515450000



Proposed Well	Nearest Well Bore	Footage
STATE 921-35C GR	NBU 310	140ft

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

Legend

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

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

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1099 18th Street, Denver, Colorado 80202

WELL PAD - NBU 921-35C

TOPO C
STATE 921-35C GR
LOCATED IN SECTION 35, T9S, R21E, S.L.B.&M., UINTAH COUNTY, UTAH

609 CONSULTING, LLC
2155 North Main Street
Sheridan, WY 82801
Phone (307) 674-0609
Fax (307) 674-0182

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Scale: 1" = 2,000ft	NAD83 USP Central	Sheet No: 9 of 13
Drawn: TL	Date: 11 Mar 2011	
Revised:	Date:	

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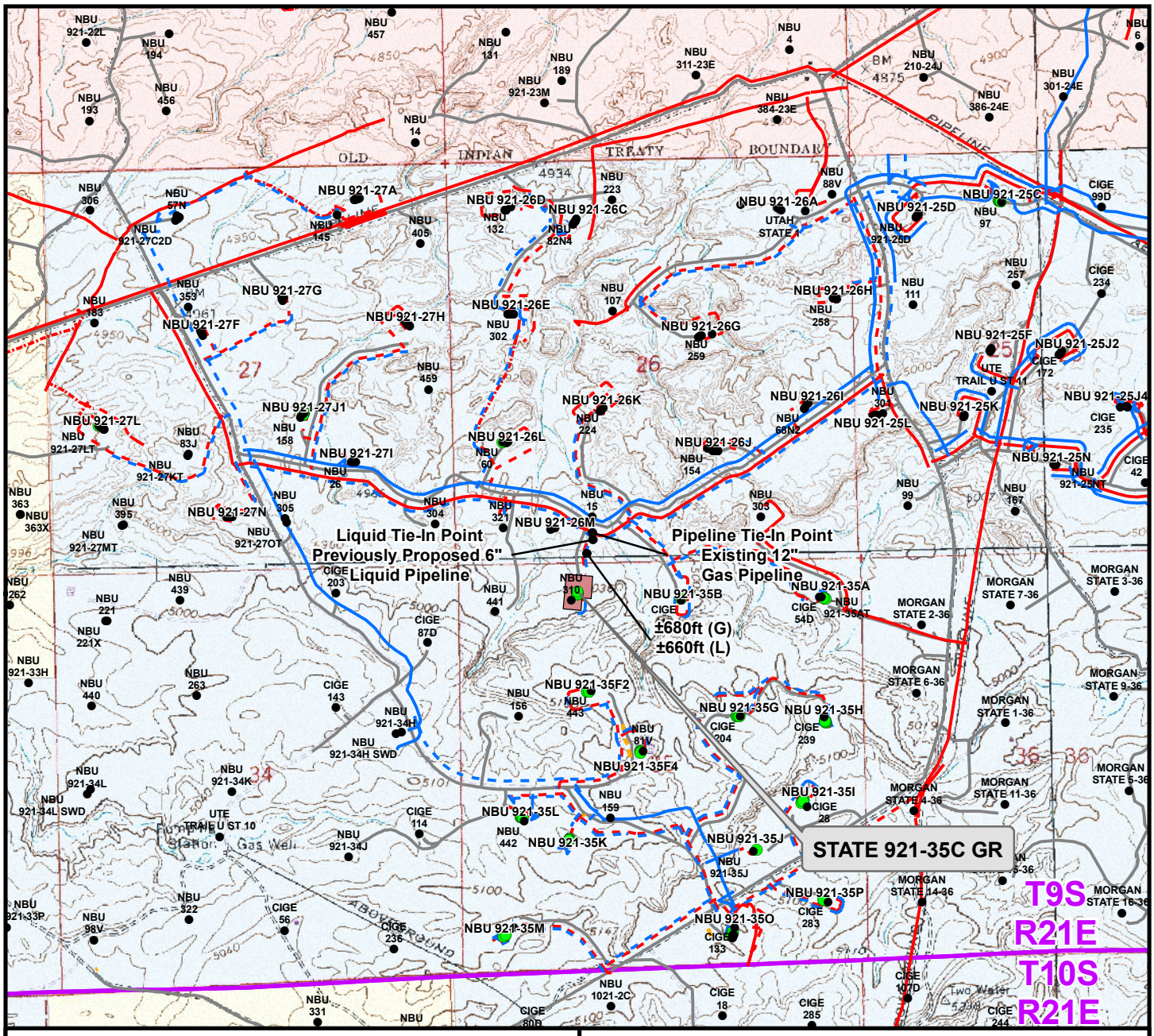
API Well Number: 43047515450000



Proposed Liquid Pipeline	Length
Proposed 6" (Max.) (Meter House to Edge of Pad)	±500ft
Proposed 6" (Max.) (Edge of Pad to Previously Proposed 6" Pipeline)	±660ft
TOTAL PROPOSED LIQUID PIPELINE =	±1,160ft

Proposed Pipeline	Length
Proposed 6" (Meter House to Edge of Pad)	±500ft
Proposed 6" (Edge of Pad to Existing 12" Pipeline)	±680ft
TOTAL PROPOSED PIPELINE =	±1,180ft

Legend

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

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

WELL PAD - NBU 921-35C

TOPO D
STATE 921-35C GR
LOCATED IN SECTION 35, T9S, R21E, S.L.B.&M., UINTAH COUNTY, UTAH

609 CONSULTING, LLC
2155 North Main Street
Sheridan, WY 82801
Phone (307) 674-0609
Fax (307) 674-0182

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Scale: 1" = 2,000ft	NAD83 USP Central	Sheet No: 10 of 13
Drawn: TL	Date: 11 Mar 2011	
Revised:	Date:	

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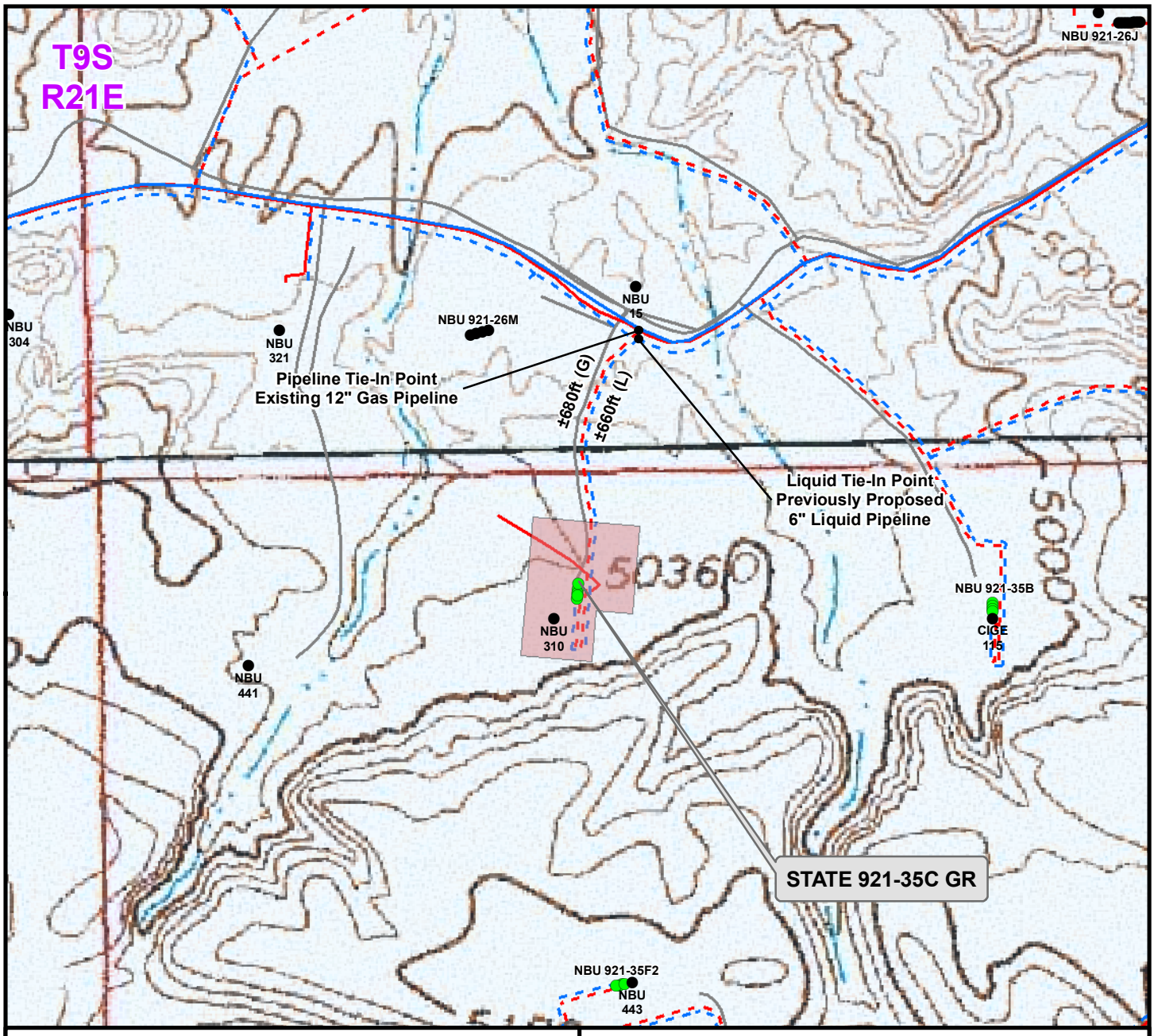

Proposed Liquid Pipeline	Length
Proposed 6" (Max.) (Meter House to Edge of Pad)	±500ft
Proposed 6" (Max.) (Edge of Pad to Previously Proposed 6" Pipeline)	±660ft
TOTAL PROPOSED LIQUID PIPELINE =	±1,160ft

Proposed Pipeline	Length
Proposed 6" (Meter House to Edge of Pad)	±500ft
Proposed 6" (Edge of Pad to Existing 12" Pipeline)	±680ft
TOTAL PROPOSED PIPELINE =	±1,180ft

Legend

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

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

WELL PAD - NBU 921-35C

TOPO D2 (PAD & PIPELINE DETAIL)
STATE 921-35C GR
LOCATED IN SECTION 35, T9S, R21E,
S.L.B.&M., UINTAH COUNTY, UTAH

609 CONSULTING, LLC
2155 North Main Street
Sheridan, WY 82801
Phone (307) 674-0609
Fax (307) 674-0182

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Scale: 1" = 500ft	NAD83 USP Central	Sheet No: 11 of 13	
Drawn: TL	Date: 11 Mar 2011		
Revised:	Date:		

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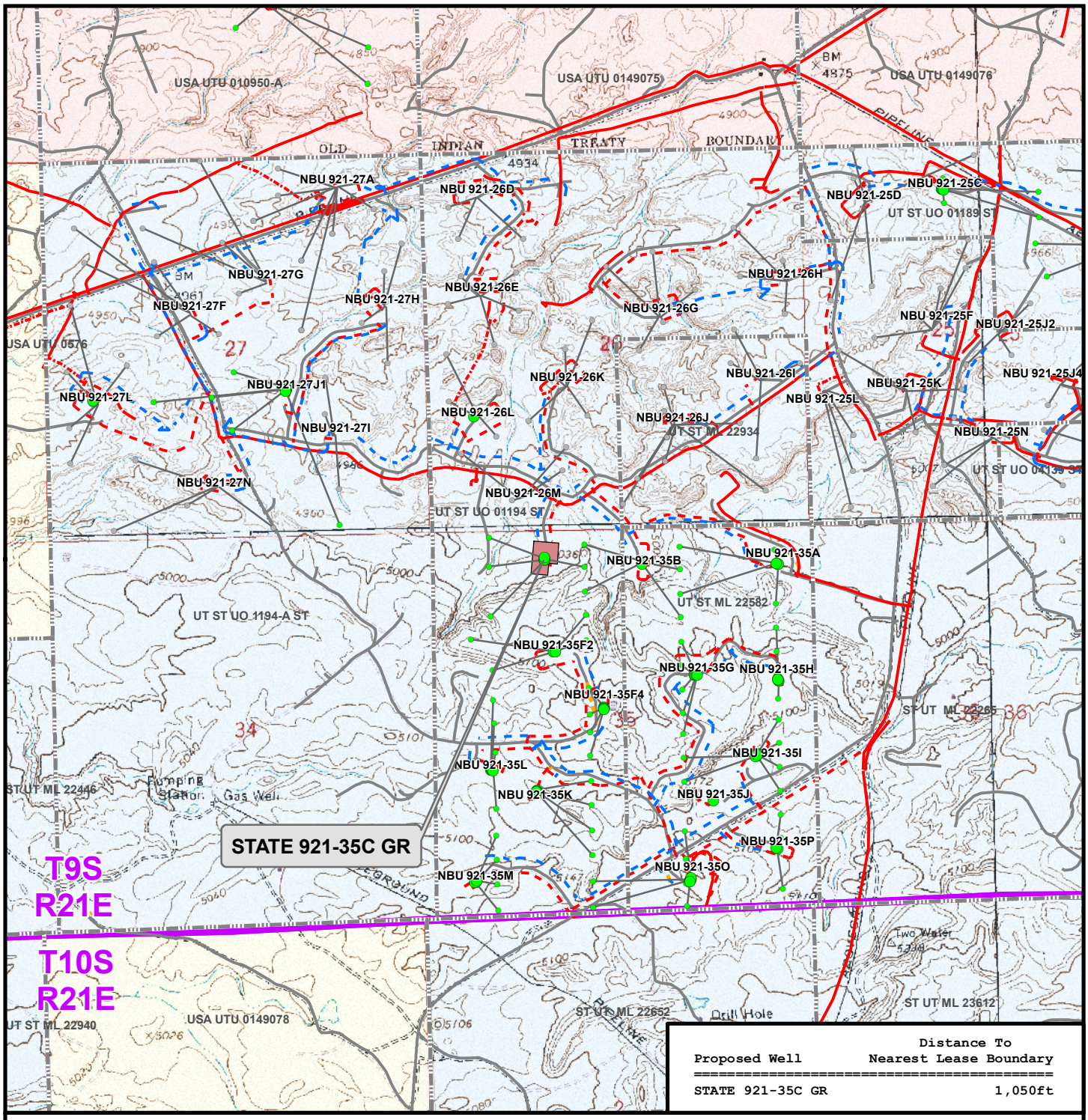
API Well Number: 43047515450000



Proposed Well	Distance To Nearest Lease Boundary
STATE 921-35C GR	1,050ft

Legend

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

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

WELL PAD - NBU 921-35C

TOPO E
STATE 921-35C GR
LOCATED IN SECTION 35, T9S, R21E, S.L.B.&M., UINTAH COUNTY, UTAH

609 CONSULTING, LLC
2155 North Main Street
Sheridan, WY 82801
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Scale: 1" = 2,000ft	NAD83 USP Central	Sheet No: 12 of 13
Drawn: TL	Date: 11 Mar 2011	
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Kerr-McGee Oil & Gas Onshore, LP
WELL PAD – NBU 921-35C
WELL – STATE 921-35C GR
Section 35, T9S, R21E, S.L.B.&M.

From the intersection of U.S. Highway 40 and 500 East Street in Vernal, Utah. proceed in an easterly, then southerly direction along U.S. Highway 40 approximately 3.3 miles to the junction of State Highway 45. Exit right and proceed in a southerly direction along State Highway 45 approximately 20.2 miles to the junction of the Glen Bench Road (County B Road 3260). Exit right and proceed in a southwesterly direction along the Glen Bench Road approximately 18.4 miles to a service road to the southwest. Exit right and proceed in a southwesterly direction along the service road approximately 0.9 miles to a second service road to the south. Exit left and proceed in a southerly direction along the second service road approximately 0.1 miles to the proposed well location.

Total distance from Vernal, Utah to the proposed well location is approximately 42.9 miles in a southerly direction.

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State 921-35C GR
369’ FNL 1,594’ FWL (NE/4NW/4)

NBU 921-35C1CS
API Number: 43-047-51347
Surface: 399’ FNL 1,591’ FWL (NE/4NW/4)
BHL: 522’ FNL 2,147’ FWL (NE/4NW/4)

NBU 921-35D1BS
API Number: 43-047-51348
Surface: 389’ FNL 1,592’ FEL (NE/4NW/4)
BHL: 89’ FNL 831’ FWL (NW/4NW/4)

NBU 921-35D1CS
API Number: 43-047-51349
Surface: 409’ FNL 1,589’ FEL (NE/4NW/4)
BHL: 488’ FNL 823’ FWL (NW/4NW/4)

NBU 921-35D4CS
API Number: 43-047-51350
Surface: 418’ FNL 1,588’ FWL (NE/4NW/4)
BHL: 1,182’ FNL 818’ FWL (NW/4NW/4)

Pad: NBU 921-35C
Section 35 T9S R21E
Mineral Lease: UO 01194 ST

Uintah County, Utah
Operator: Kerr-McGee Oil & Gas Onshore LP

MULTI-POINT SURFACE USE PLAN of OPERATIONS (SUPO)

The State 921-35C GR well location is a new location that is being added to the previously approved NBU 921-35C Pad Location. The other four wells on the pad were approved by UDOGM on 12/28/2010. The addition of the State 921-35C GR well will not expand the previously approved pad and disturbance will remain the same as originally approved on 12/28/2010.

This SUPO contains surface operating procedures for Kerr-McGee Oil & Gas Onshore LP (KMG), a wholly owned subsidiary of Anadarko Petroleum Corporation (APC) pertaining to actions that involve the State of Utah School and Institutional Trust Lands Administration (SITLA) in the development of minerals leased to APC/KMG (including, but not limited to, APDs/SULAs/ROEs/ROWs and/or easements).

See associated Utah Division of Oil, Gas, and Mining (UDOGM) Form 3(s), plats, maps, and other attachments for site-specific information on projects represented herein.

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

A. Existing Roads:

Existing roads consist of county roads and improved/unimproved lease roads. APC/KMG will maintain existing roads in a condition that is the same as or better than before operations began and in a safe and usable condition. Maintenance of existing roads will continue until final abandonment and reclamation of well pads and/or other facilities. The road maintenance may include, but is not limited to, blading, ditching, culvert installation/cleanout, surfacing, and dust control.

Typically, roads, gathering lines and electrical distribution lines will occupy common disturbance corridors and roadways will be used as working space. All disturbances located in the same corridor will overlap each other to the maximum extent possible; in no case will the maximum disturbance width of the access road and utility corridors exceed 50', unless otherwise approved.

B. Planned Access Roads:

A Right of Way (ROW) will be submitted under separate cover to SITLA for the access road for the NBU 921-35C GR well location.

Applicable Uintah County encroachment and/or pipeline crossing permits will be obtained prior to construction/development. No other pipelines will be crossed at this location.

Where roads are new or to be reconstructed, they will be located, designed, and maintained to meet the standards of SITLA and other commonly accepted Best Management Practices (BMPs). If a new road/corridor were to cross a water of the United States, KMG will adhere to the requirements of applicable Nationwide or Individual Permits of the Department of Army Corps of Engineers.

Turnouts; major cut and fills; culverts; bridges; gates; cattle guards; low water crossings; or modifications needed to existing infrastructure/facilities were determined at the on-site and, as applicable, are typically shown on attached Exhibits and Topo maps.

C. Location of Existing and Proposed Facilities:

This pad will expand the existing pad for the NBU 310. This well location is a vertical producing well according to Utah Division of Oil, Gas and Mining (UDOGM) records as of November 11, 2010.

Production facilities (see Well Pad Design Summary and Facilities Diagram):

Production facilities will be installed on the disturbed portion of each well pad and may include bermed components (typically excluding dehy's and/or separators) that contain fluids (i.e. production tanks, produced liquids tanks). The berms will be constructed of compacted subsoil or corrugated metal, impervious, designed to hold 110% of the capacity of the largest tank, and be independent of the back cut. All permanent (on-site

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six months or longer) aboveground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earth-tone color chosen at the onsite in coordination with SITLA.

Production tanks will be constructed, maintained, and operated to prevent unauthorized surface or subsurface discharges of liquids and to prevent livestock or wildlife entry. The tanks are not to be used for disposal of liquids from additional sources without prior approval of UDOGM.
Gathering facilities:

A Right of Way (ROW) will be submitted under separate cover to SITLA for the pipeline for the NBU 921-35C GR well location.

D. Location and Type of Water Supply:

Water for drilling purposes will be obtained from one of the following sources:

- Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32 T4S R3E, Water User Claim number 43-8496, application number 53617.
- Price Water Pumping Inc. Green River and White River, various sources, Water Right Number 49-1659, application number: a35745.

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.

E. Source of Construction Materials:

Construction operations will typically be completed with native materials found on location. If needed, construction materials that must be imported to the site (mineral material aggregate, soils or materials suitable for fill/surfacing) will be obtained from a nearby permitted source and described in subsequent Sundry requests. No construction materials will be removed from State lands without prior approval from SITLA.

F. Methods of Handling Waste Materials:

Should the well be productive, produced water will be contained in a water tank and will be transported by pipeline and/or truck to an approved disposal sites facilities and/or Salt Water Disposal (SWD) injection well. Currently, those facilities are:

RNI in Sec. 5 T9S R22E
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
Ouray #1 SWD in Sec. 1 T9S R21E
NBU 159 SWD in Sec. 35 T9S R21E
CIGE 112D SWD in Sec. 19 T9S R21E

CIGE 114 SWD in Sec. 34 T9S R21E
NBU 921-34K SWD in Sec. 34 T9S R21E
NBU 921-33F SWD in Sec. 33 T9S R21E
NBU 921-34L SWD in Sec. 34 T9S R21E

Drill cuttings and/or fluids will be contained in the reserve/frac pit. Cuttings will be buried in pit(s) upon closure. Unless otherwise approved, no oil or other oil-based drilling additives, chromium/metals-based, or saline muds will be used during drilling. Only fresh water (as specified above), biodegradable polymer soap, bentonite clay, and/or non-toxic additives will be used in the mud system.

Pits will be constructed to minimize the accumulation of surface runoff. Should fluid hydrocarbons be encountered during drilling, completions or well testing, product will either be contained in test tanks on the well site or evacuated by vacuum trucks and transported to an approved disposal/sales facility. Should petroleum hydrocarbons unexpectedly be released into a pit, they will be removed as soon as practical but in no case will they remain longer than 72 hours unless an alternate is approved by SITLA. Should timely removal prove infeasible, the pit will be netted with mesh no larger than 1 inch until such time as hydrocarbons can be removed. Hydrocarbon removal will also take place prior to the closure of the pit, unless authorization is provided for disposal via alternative pit closure methods (e.g. solidification).

The reserve and/or fracture stimulation pit will be lined with a synthetic material 20-mil or thicker, The liner will be installed over smooth fill subgrade that is free of pockets, loose rocks, or other materials (i.e. sand, sifted dirt, bentonite, straw, etc.) that could damage the liner. Any additional pits necessary to subsequent operations, such as temporary flare or workover pits, will be contained within the originally approved well pad and disturbance boundaries. Such temporary pits will be backfilled and reclaimed within 180 days of completion of work at a well location.

For the protection of livestock and wildlife, all open pits and cellars will be fenced/covered to prevent wildlife or livestock entry. Total height of pit fencing will be at least 42 inches and corner posts will be cemented and/or braced in such a manner as to keep the fence tight at all times. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

Pits containing drilling cuttings, mud, and/or completions fluids will be allowed to dry. Any free fluids remaining after six (6) months from reaching total depth, date of completion, and/or determination of inactivity will be removed (as weather conditions allow) to an approved site and the pit reclaimed. Additional drying methods may include fly-ash solidification or sprinkler evaporation. Installation and operation of any sprinklers, pumps, and equipment will ensure that water spray or mist does not drift. Reserve pit liners will be cut off or folded as near to the mud surface as possible and as safety considerations allow and buried on location.

No garbage or non-exempt substances as defined by Resource Conservation and Recovery Act (RCRA) subtitle C will be placed in the reserve pit. All refuse generated during construction, drilling, completion, and

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well testing activities will be contained in an enclosed receptacle, removed from the drill locations promptly, and transported to an approved disposal facility.

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

Any undesirable event, accidental release, or in excess of reportable quantities will be managed according to the notification requirements of UDOGMs "Reporting Oil and Gas Undesirable Events" rule, and, where State wells are participatory to a Federal agreement, according to NTL-3A.

Materials Management

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

Chemicals subject to reporting under Title III of the Superfund Amendments and Reauthorization Act (SARA) in quantities of 10,000 pounds or more may be produced and/or stored at production facilities and may be kept in limited quantities on drilling sites and well locations for short periods of time during drilling or completion activities.

G. Ancillary Facilities:

None are anticipated.

H. Well Site Layout (see Well Pad Design Summary):

The location, orientation and aerial extent of each drill pad; reserve/completion/flare pit; access road ingress/egress points, drilling rig, dikes/ditches, existing wells/infrastructure; proposed cuts and fills; and topsoil and spoil material stockpile locations are depicted on the exhibits for each project, where applicable. Site-specific conditions may require slight deviation in actual equipment and facility layout; however, the area of disturbance, as described in the survey, will not be exceeded.

Coordinates are provided in the National Spatial Reference System, North American Datum, 1983 (NAD83) or latest edition. Distances are depicted on each plat to the nearest two adjacent section lines.

I. Plans for Reclamation of the Surface:

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

Reclamation activities in both phases may include but are not limited to: re-contouring or re-configuration of topographic surfaces, restoration of drainage systems, segregation of spoils materials, minimizing surface disturbance, re-evaluating backfill requirements, pit closure, topsoil redistribution, soil treatments, seeding and weed control.

Interim Reclamation

Interim reclamation includes pit closure, re-contouring (where possible), soil bed preparation, topsoil placement, seeding, and/or weed control.

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

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

Final Reclamation

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

After plugging, all wellhead equipment that is no longer needed will be removed, and the well site will be reclaimed. Final contouring will blend with and follow as closely as practical the natural terrain and contours of the original site and surrounding areas. After re-contouring, final grading will be conducted over the entire surface of the well site and access road. Where practical, the area will be ripped to a depth of 18 to 24 inches on 18 to 24-inch centers and surface materials will be pitted with small depressions to form longitudinal

depressions 12 to 18 inches deep perpendicular to the natural flow of water.

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

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

Seeding and Measures Common to Interim and Final Reclamation

Reclaimed areas may be fenced to exclude grazing and encourage re-vegetation.

On slopes where severe erosion can become a problem and the use of machinery is not practical, seed will be hand broadcast and raked with twice the specified amount of seed. The slope will be stabilized using materials specifically designed to prevent erosion on steep slopes and hold seed in place so vegetation can become permanently established. These materials will include, but are not limited to, erosion control blankets and bonded fiber matrix at a rate to achieve a minimum of 80 percent soil coverage.

Seeding will occur year-round as conditions allow. Seed mixes appropriate to the native plant community as determined and specified for each project location based on the site specific soils will be used for re-vegetation. The site specific seed mix will be provided by SITLA.

J. **Surface/Mineral Ownership:**
SITLA
675 East 500 South, Suite 500
Salt Lake City, UT 84102

K. **Other Information:**

None

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

Danielle Piernot
Regulatory Analyst I
Kerr-McGee Oil & Gas Onshore LP
PO Box 173779
Denver, CO 80217-3779
(720) 929-6156

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 for State lease activities is provided by State Surety Bond 22013542, and for applicable Federal lease activities and pursuant to 43 CFR 3104, 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

March 23, 2011
Date

Kerr-McGee Oil & Gas Onshore LP
1999 Broadway, Suite 3700
Denver, CO 80205

March 22, 2011

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

RE: STATE 921-35C GR
T9S-R21E
Section 35: NENW
Surface: 369' FNL, 1594' FWL
Bottom Hole: 369' FNL, 1594' FWL
Uintah County, Utah

Dear Mrs. Mason:

Kerr-McGee Oil & Gas Onshore LP has submitted a permit to drill the captioned well to test the Green River formation. The well is located at an exception location to State Rule 197-1 (GRRV). The surface and bottomhole location of this well location is less than 1000' from the Northern boundary of Section 35. Kerr-McGee owns 100% of the leasehold in the offset lands to the North and has no objection to the exception location.

Kerr-McGee respectfully requests your approval of this exception location. If you have any questions or require any additional information, please do not hesitate to call me at 720-929-6351.

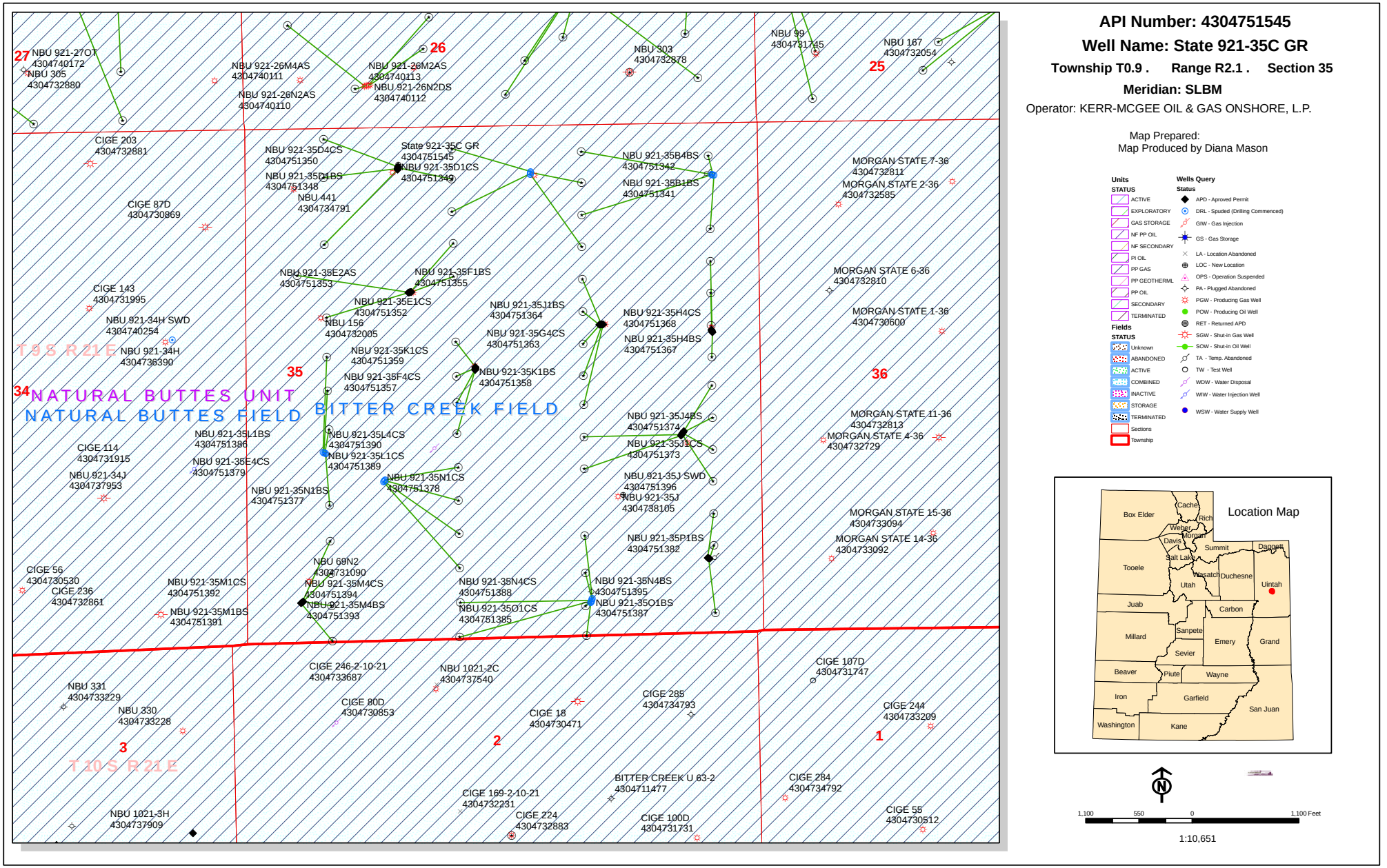
Sincerely,

Robert Spencer
Sr. Landman

cc: Chris Latimer

RECEIVED: Mar. 23, 2011

API Well Number: 43047515450000



API Number: 4304751545

Well Name: State 921-35C GR

Township T0.9 . Range R2.1 . Section 35

Meridian: SLBM

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

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields
STATUS
- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED
- Sections
- Township

Wells Query
Status
- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LA - Location Abandoned
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- RET - Returned APD
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well

1,100 550 0 1,100 Feet

1:10,651

RECEIVED: Mar. 23, 2011

API Well Number: 43047515450000

BOPE REVIEW KERR-MCGEE OIL & GAS ONSHORE, L.P. State 921-35C GR 43047515450000

Well Name	KERR-MCGEE OIL & GAS ONSHORE, L.P. State 921-35C GR			
String	Surf	Prod		
Casing Size(")	8.625	4.500		
Setting Depth (TVD)	2550	4750		
Previous Shoe Setting Depth (TVD)	0	2550		
Max Mud Weight (ppg)	8.3	8.3		
BOPE Proposed (psi)	500	5000		
Casing Internal Yield (psi)	3390	7780		
Operators Max Anticipated Pressure (psi)	1998	8.1		

Calculations	Surf String	8.625	"	
Max BHP (psi)	.052*Setting Depth*MW=	1101		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	795	NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	540	NO	Air Drill, OK
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	540	NO	Reasonable depth in area
Required Casing/BOPE Test Pressure=		2373	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient	

Calculations	Prod String	4.500	"	
Max BHP (psi)	.052*Setting Depth*MW=	2050		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	1480	YES	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1005	YES	OK
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1566	YES	OK
Required Casing/BOPE Test Pressure=		4750	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		2550	psi *Assumes 1psi/ft frac gradient	

Calculations	String		"	
Max BHP (psi)	.052*Setting Depth*MW=			
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO	
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO	
Required Casing/BOPE Test Pressure=			psi	
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient	

Calculations	String		"	
Max BHP (psi)	.052*Setting Depth*MW=			
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO	
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO	
Required Casing/BOPE Test Pressure=			psi	

RECEIVED: Mar. 31, 2011

***Max Pressure Allowed @ Previous Casing Shoe=**		psi *Assumes 1psi/ft frac gradient

RECEIVED: **Mar. 31, 2011**

From: Jim Davis
To: Bonner, Ed; Garrison, LaVonne; Hill, Brad; Mason, Diana
CC: Danielle Piernot; andrew.lytle@anadarko.com
Date: 3/31/2011 10:34 AM
Subject: APD approval: State 921-35C GR (4304751545)

The following APD has been approved by SITLA. Arch and plaeo clearance are not required as the proposed APD will not require new ground disturbance.

State 921-35C GR (4304751545)

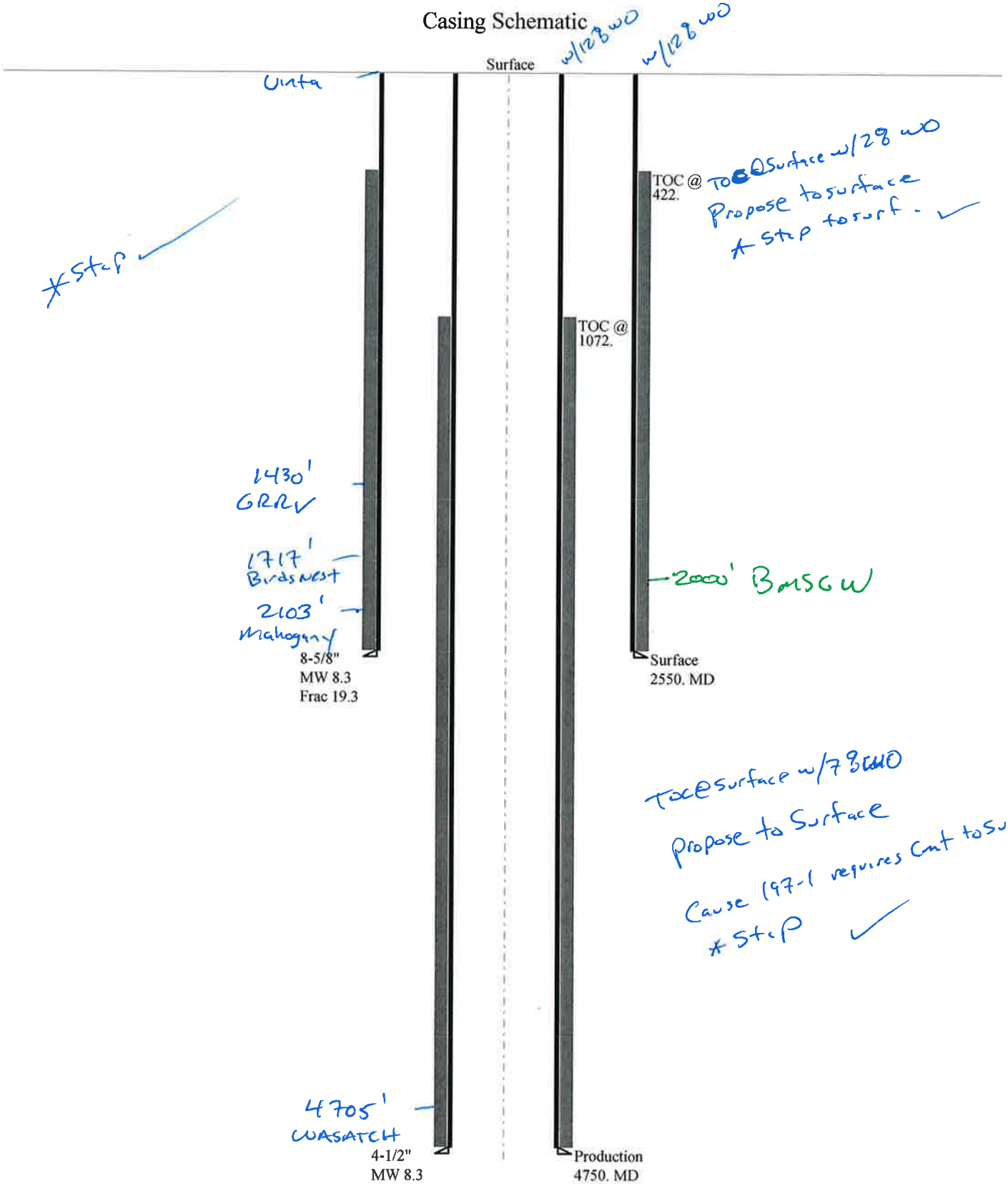
-Jim Davis

Jim Davis
Utah Trust Lands Administration
jimdavis1@utah.gov
Phone: (801) 538-5156

RECEIVED: **Mar. 31, 2011**

43047515450000 State 921-35C GR

Casing Schematic



RECEIVED: Mar. 31, 2011

Well name:	**43047515450000 State 921-35C GR**
Operator:	**KERR-MCGEE OIL & GAS ONSHORE, L.P.**
String type:	Surface
Project ID:	43-047-51545
Location:	UINTAH COUNTY

Design parameters:

Collapse
Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 1,485 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 1,791 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 2,237 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 110 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 422 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 4,750 ft
Next mud weight: 8.330 ppg
Next setting BHP: 2,055 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,550 ft
Injection pressure: 2,550 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	2550	8.625	28.00	J-55	LT&C	2550	2550	7.892	100980

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	1103	1880	1.704	1791	3390	1.89	71.4	348	4.87 J

Prepared by: Dustin Doucet
Div of Oil,Gas & Mining
Phone: 801 538-5281
FAX: 801-359-3940
Date: March 31,2011
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 2550 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

RECEIVED: Mar. 31, 2011

Well name:	**43047515450000 State 921-35C GR**
Operator:	**KERR-MCGEE OIL & GAS ONSHORE, L.P.**
String type:	Production
Project ID:	43-047-51545
Location:	UINTAH COUNTY

Design parameters:

Collapse
Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 1,010 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 2,055 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 4,159 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 140 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 1,072 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	4750	4.5	11.60	I-80	LT&C	4750	4750	3.875	62700

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	2055	6360	3.094	2055	7780	3.79	55.1	212	3.85 J

Prepared by: Dustin Doucet, Div of Oil,Gas & Mining
Phone: 801 538-5281
FAX: 801-359-3940
Date: March 31,2011
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 4750 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

RECEIVED: Mar. 31, 2011

ON-SITE PREDRILL EVALUATION
Utah Division of Oil, Gas and Mining

Operator	KERR-MCGEE OIL & GAS ONSHORE, L.P.							
Well Name	State 921-35C GR							
API Number	43047515450000	**APD No**	3580	**Field/Unit**	NATURAL BUTTES			
Location: 1/4,1/4	NENW	**Sec**	35	**Tw**	9.0S	**Rng**	21.0E	369 FNL 1594 FWL
GPS Coord (UTM)				**Surface Owner**				

Participants

See other comments.

Regional/Local Setting & Topography

The general area is within the Natural Buttes Unit in the lower portion of the Sand Wash Drainage of Uintah, County, approximately 36 air miles and 42.9 road miles south of Vernal, Utah. Access is by State of Utah Highways, Uintah County and existing oilfield development roads to the site. Topography of the Sand Wash area is characterized by broad open flats dissected by numerous sub-drainages, which often become steep with ridges and draws with exposed sandstone layers. No perennial streams occur in the drainage. Individual draws or washes are ephemeral with spring runoff or flows from sometimes-intense summer rainstorms. No springs exist in the area. An occasional constructed pond occurs, furnishing water for antelope or livestock.

This pad was pre-sited on November 20, 2010. On March 23, 2011 Ker McGee submitted an additional APD adding a well to be drilled to the Green River formation. No changes will occur to the pad. Construction of the pad is nearing completion on March 30, 2011. An additional pre-site is not needed. The additional well is the State 921-35C GR.

Surface Use Plan

Current Surface Use

Existing Well Pad

New Road Miles	Well Pad Width	Well Pad Length	Src Const Material	Surface Formation

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands

Flora / Fauna

Existing Pad.

Soil Type and Characteristics

Erosion Issues

Sedimentation Issues

Site Stability Issues

RECEIVED: Mar. 31, 2011

Drainage Diverson Required?

Berm Required?

Erosion Sedimentation Control Required?

Paleo Survey Run? **Paleo Potental Observed?** **Cultural Survey Run?** **Cultural Resources?**

Reserve Pit

Site-Specific Factors		Site Ranking	
Distance to Groundwater (feet)	100 to 200	5	
Distance to Surface Water (feet)	>1000	0	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)		20	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)		0	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	40	1 Sensitivity Level

Characteristics / Requirements

The proposed reserve pit is 125’ x 260’ x 12’ deep located primarily in a cut on the northeast corner of the location. Kerr McGee plans a 30-mil liner with a double felt sub-liner.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 30 **Pit Underlayment Required?** Y

Other Observations / Comments

Floyd Bartlett (DOGM), Sheila Wopsock, Clay Einerson, Lovell Young, Grizz Oleen, Charles Chase, Colby Sutton, Doyle Holmes, Claudia Sassa, (Kerr McGee), Mitch Batty, John Slaugh, (Timberline Engineering and Land Surveying), Jim Davis (SITLA) and Ben Williams, (UDWR).

This pad was pre-sited on November 20, 2010. On March 23, 2011 Ker McGee submitted an additional APD adding a well to be drilled to the Green River formation. No changes will occur to the pad. Construction of the pad is nearing completion on March 30, 2011. An additional pre-site is not needed.

Floyd Bartlett	3/30/2011
Evaluator	**Date / Time**

RECEIVED: Mar. 31, 2011

Application for Permit to Drill
Statement of Basis

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
3580	43047515450000	LOCKED	GW	S	No

Operator	KERR-MCGEE OIL & GAS ONSHORE, L.P.	**Surface Owner-APD**	
Well Name	State 921-35C GR	**Unit**	
Field	NATURAL BUTTES	**Type of Work**	DRILL
Location	NENW 35 9S 21E S 369 FNL 1594 FWL	GPS Coord (UTM)	626175E 4428453N

Geologic Statement of Basis

Kerr McGee proposes to set 2,550’ of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 2,000'. A search of Division of Water Rights records shows one water well within a 10,000 foot radius of the center of Section 35. The well is listed as 2,640 feet deep and used for drilling water. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement should adequately protect. Any usable ground water.

Brad Hill	3/31/2011
APD Evaluator	**Date / Time**

Surface Statement of Basis

The general area is within the Natural Buttes Unit in the lower portion of the Sand Wash Drainage of Uintah, County, approximately 36 air miles and 42.9 road miles south of Vernal, Utah. Access is by State of Utah Highways, Uintah County and existing oilfield development roads to the site. Topography of the Sand Wash area is characterized by broad open flats dissected by numerous sub-drainages, which often become steep with ridges and draws with exposed sandstone layers. No perennial streams occur in the drainage. Individual draws or washes are ephemeral with spring runoff or flows from sometimes-intense summer rainstorms. No springs exist in the area. An occasional constructed pond occurs, furnishing water for antelope or livestock.

This pad was pre-sited on November 20, 2010. On March 23, 2011 Ker McGee submitted an additional APD adding a well to be drilled to the Green River formation. No changes will occur to the pad. Construction of the pad is nearing completion on March 30, 2011. An additional pre-site is not needed. The additional well to be added is the State 921-35C GR.

The NBU 921-35C pad will be created by significantly enlarging the existing pad of the NBU 310 gas well. It will be primarily enlarged to the east, west and north. Four gas wells, to be directionally drilled, will be added. They are the NBU 921-35C1CS, NBU 921-35D1BS, NBU 921-35D1CS and NBU 922-35D4CS.
The site is at the end of a sloping rocky ridge on the south and extends to broken terrain on the north. It is oriented in a south to north direction. Significant fill (11.6) feet will be needed on the northwest or Location Corner 2, and 18.6 feet of fill on the southeast at Corner 9. A swale or drainage with minor flows crosses the reserve pit area. It will be blocked with pit spoils until the pit is closed. Following pit closure, a diversion needs to be constructed across the pit area running north and crossing the road. A swale to the northwest is partially filled now. It will be filled with the new construction. A major tributary of Sand Wash is about 1 mile to the east of the site and the White River about 3 miles down drainage. The selected site appears to be suitable for enlarging a pad, drilling and operating the proposed wells and is the only site in the immediate area.

Both the surface and minerals are owned by SITLA. Jim Davis represented SITLA at the pre-site investigation. Mr. Davis had no concerns pertaining to this location excepted as covered above. SITLA provided a seed mix to be used when reclaiming the site.

RECEIVED: Mar. 31, 2011

Application for Permit to Drill
Statement of Basis

Ben Williams represented the Utah Division of Wildlife Resources. Mr. Williams stated the area is classified as crucial yearlong antelope habitat but recommended no restrictions for this species. No other wildlife will be significantly affected.

Floyd Bartlett	3/30/2011
Onsite Evaluator	**Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 30 mils with a double felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

RECEIVED: Mar. 31, 2011

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 3/23/2011 **API NO. ASSIGNED:** 43047515450000
WELL NAME: State 921-35C GR
OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P. (N2995) **PHONE NUMBER:** 720 929-6156
CONTACT: Danielle Piernot

PROPOSED LOCATION: NENW 35 090S 210E **Permit Tech Review:** ✔

SURFACE: 0369 FNL 1594 FWL **Engineering Review:** ✔

BOTTOM: 0369 FNL 1594 FWL **Geology Review:** ✔

COUNTY: UINTAH
LATITUDE: 39.99873 **LONGITUDE:** -109.52194
UTM SURF EASTINGS: 626175.00 **NORTHINGS:** 4428453.00
FIELD NAME: NATURAL BUTTES
LEASE TYPE: 3 - State
LEASE NUMBER: UO 01194 ST **PROPOSED PRODUCING FORMATION(S):** GREEN RIVER
SURFACE OWNER: 3 - State **COALBED METHANE:** NO

RECEIVED AND/OR REVIEWED:

- ✔ **PLAT**
- ✔ **Bond:** STATE/FEE - 22013542
- ☐ **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**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit:

- ☐ **R649-3-2. General**
- ✔ **R649-3-3. Exception**
- ✔ **Drilling Unit**

Board Cause No: Cause 197-1
Effective Date: 4/29/1982
Siting: 1000' Fr Ext Drilling Unit Boundary

- ☐ **R649-3-11. Directional Drill**

Comments: Presite Completed
NON PA:

Stipulations:
1 - Exception Location - dmason
5 - Statement of Basis - bhill
8 - Cement to Surface -- 2 strings - ddoucet
17 - Oil Shale 190-5(b) - dmason

RECEIVED: Mar. 31, 2011

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Permit To Drill

****

Well Name: State 921-35C GR
API Well Number: 43047515450000
Lease Number: UO 01194 ST
Surface Owner: STATE
Approval Date: 3/31/2011

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

Authority:
Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 197-1. The expected producing formation or pool is the GREEN RIVER 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

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

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:
In accordance with the Order in Cause No. 190-5(b) dated October 28, 1982, the operator shall comply with the requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operators shall ensure that the surface and or production casing is properly cemented over the entire oil shale section as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the division.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Cement volumes for the 8 5/8" and 4 1/2" casing strings shall be determined from actual hole diameters in order to place cement from the pipe setting depths back to the surface as required by Board Cause No. 197-1.

API Well No: 43047515450000

Additional Approvals:
The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan – contact Dustin Doucet
- Significant plug back of the well – contact Dustin Doucet
- Plug and abandonment of the well – contact Dustin Doucet

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
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at http://oilgas.ogm.utah.gov
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program – contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well – contact Dan Jarvis

Contact Information:
The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
  801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
  801-231-8956 - after office hours

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:

For John Rogers
Associate Director, Oil & Gas

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: UO 01194 ST

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: State 921-35C GR

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

9. API NUMBER: 43047515450000

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: 0369 FNL 1594 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 35 Township: 09.0S Range: 21.0E 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
✓ SPUD REPORT Date of Spud: 5/4/2011	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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 PIPE. CMT W/28 SX READY MIX. SPUD WELL LOCATION ON 05/04/2011 AT 0900 HRS.

Accepted by the Utah Division of Oil, Gas and Mining

FOR RECORD ONLY

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Sheila Wopsock	435 781-7024	Regulatory Analyst
SIGNATURE N/A		**DATE** 5/4/2011

RECEIVED May. 04, 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: UO 01194 ST

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: State 921-35C GR

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

9. API NUMBER: 43047515450000

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: 0369 FNL 1594 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 35 Township: 09.0S Range: 21.0E 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
✓ DRILLING REPORT Report Date: 5/4/2011	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

MIRU AIR RIG ON MAY 2, 2011. DRILLED 11" SURFACE HOLE TO 2650'. RAN 8 5/8" 28# IJ55 SURFACE CASING. CEMENTED SURFACE CASING. WELL IS WAITING ON ROTARY RIG. DETAILS OF CEMENT JOB WILL BE INCLUDED WITH WELL COMPLETION REPORT.

Accepted by the Utah Division of Oil, Gas and Mining

FOR RECORD ONLY

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Andy Lytle	720 929-6100	Regulatory Analyst
SIGNATURE N/A		**DATE** 5/5/2011

RECEIVED May. 05, 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: UO 01194 ST

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: State 921-35C GR

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

9. API NUMBER: 43047515450000

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: 0369 FNL 1594 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 35 Township: 09.0S Range: 21.0E 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
✓ SPUD REPORT Date of Spud: 5/2/2011	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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 PIPE. CMT W/28 SX READY MIX. SPUD WELL LOCATION ON 05/02/2011 AT 0900 HRS.

Accepted by the Utah Division of Oil, Gas and Mining

FOR RECORD ONLY

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Sheila Wopsock	435 781-7024	Regulatory Analyst
SIGNATURE N/A		**DATE** 5/6/2011

RECEIVED May. 06, 2011

SUBMIT AS EMAIL | Print Form

BLM - Vernal Field Office - Notification Form

Operator KERR-McGEE OIL & GAS Rig Name/# BUCKET RIG
Submitted By SHEILA WOPSOCH Phone Number 435.781.7024
Well Name/Number STATE 921-35C GR
Qtr/Qtr NENW Section 35 Township 9S Range 21E
Lease Serial Number UO 01194 ST
API Number 4304751545

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

Date/Time 05/02/2011 0900 HRS AM ☑ PM ☐

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

- ☑ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 05/04/2011 0800 HRS AM ☑ PM ☐

BOPE

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

Date/Time _____ _____ AM ☐ PM ☐

RECEIVED
MAY 02 2011
DIV. OF OIL, GAS & MINING

Remarks ESTIMATED DATE AND TIME. PLEASE CONTACT ~~KENNY GATHINGS AT 435.781.7048 FOR MORE~~

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

FORM 6

ENTITY ACTION FORM

Operator: KERR McGEE OIL & GAS ONSHORE LP

Operator Account Number: N 2995

Address: 1368 SOUTH 1200 EAST

city VERNAL

state UT zip 84078

Phone Number: (435) 781-7024

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304751545	STATE 921-35C GR		NENW	35	9S	21E	UINTAH
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
A	99999	18030	5/2/11			5/10/11	
Comments: MIRU PETE MARTIN BUCKET RIG. GRRV SPUD WELL LOCATION ON 05/04/2011 AT 0900 HRS							

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)

SHEILA WOPSOCK
Name (Please Print)

Signature

REGULATORY ANALYST
Title

5/4/2011
Date

(5/2000)

RECEIVED
MAY 04 2011
DIV. OF OIL, GAS & MINING

BLM - Vernal Field Office - Notification Form

Operator KERR MCGEE Rig Name/# H&P 311
Submitted By PAT CAIN Phone Number 435- 790-1884
Well Name/Number STATE 921-35C GR

Qtr/Qtr NE/NW Section 35 Township 9S Range 21E
Lease Serial Number UO-01194 ST
API Number 43-047-51545

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

Date/Time _____ _____ AM ☐ PM ☐

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

☐ Surface Casing
☐ Intermediate Casing
☐ Production Casing
☐ Liner
☐ Other

RECEIVED
JUL 05 2011
DIV. OF OIL, GAS & MINING

Date/Time __ __ AM ☐ PM ☐

BOPE

☒ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☐ Other

Date/Time TUESDAY 7/5/2011 06:00 AM ☒
PM ☐

Remarks B&C QUICK TEST

BLM - Vernal Field Office - Notification Form

Operator KERR MCGEE Rig Name/# H&P 311
Submitted By PAT CAIN Phone Number 435- 790-1884
Well Name/Number STATE 921-35C GR

Qtr/Qtr NE/NW Section 35 Township 9S Range 21E
Lease Serial Number UTU-01194 ST
API Number 43-047-51545

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

Date/Time _____ _____ AM ☐ PM ☐

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

☐ Surface Casing
☐ Intermediate Casing
☒ Production Casing
☐ Liner
☐ Other

RECEIVED
JUL 06 2011
DIV. OF OIL, GAS & MINING

Date/Time WEDNESDAY JULY 6TH AT 8:00 PM
AM ☐ PM ☒

BOPE

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

Date/Time __ __ AM ☐ PM ☐

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: UO 01194 ST

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: STATE 921-35C GR

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

9. API NUMBER: 43047515450000

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: 0369 FNL 1594 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 35 Township: 09.0S Range: 21.0E 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 7/7/2011	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	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 2650' TO 4770' ON JULY 6, 2011. RAN 4-1/2" 11.6# I-80 PRODUCTION CASING. CEMENTED PRODUCTION CASING. RELEASED H&P 311 RIG ON JULY 7, 2011 @ 18:00 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.

Accepted by the Utah Division of Oil, Gas and Mining

Date: 07/20/2011

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Andy Lytle	720 929-6100	Regulatory Analyst
SIGNATURE N/A		**DATE** 7/8/2011

RECEIVED Jul. 08, 2011

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
UO 01194 ST

SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Gas Well

8. WELL NAME and NUMBER:
STATE 921-35C GR

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

9. API NUMBER:
43047515450000

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:
0369 FNL 1594 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NENW Section: 35 Township: 09.0S Range: 21.0E 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
✓ DRILLING REPORT Report Date: 9/22/2011	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	✓ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

THE SUBJECT WELL WAS PLACED ON PRODUCTION ON 09/22/2011 AT 10:15 AM. THE CHRONOLOGICAL WELL HISTORY WILL BE SUBMITTED WITH THE WELL COMPLETION REPORT.

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

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Sheila Wopsock	435 781-7024	Regulatory Analyst
SIGNATURE		**DATE**
N/A		9/29/2011

RECEIVED Sep. 29, 2011

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

AMENDED REPORT ☐ (highlight changes) FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: UO 01194 ST
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER: STATE 921-35C GR
9. API NUMBER: 4304751545
10 FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 35 9S 21E S
12. COUNTY: UINTAH
13. STATE: UTAH

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ DRY ☐ OTHER

b. TYPE OF WORK: NEW WELL ☑ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER

2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE, L.P.

3. ADDRESS OF OPERATOR: P.O.BOX 173779 CITY DENVER STATE CO ZIP 80217
PHONE NUMBER: (720) 929-6100

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: NENW 369 FNL 1594 FWL S35, T9S, R21E
AT TOP PRODUCING INTERVAL REPORTED BELOW:
AT TOTAL DEPTH:

14. DATE SPUDDED:	15. DATE T.D. REACHED:	16. DATE COMPLETED:		17. ELEVATIONS (DF, RKB, RT, GL):
5/2/2011	7/6/2011	9/22/2011	ABANDONED ☐ READY TO PRODUCE ☑	4986 GL

18. TOTAL DEPTH: MD 4,770 TVD	19. PLUG BACK T.D.: MD 4,711 TVD	20. IF MULTIPLE COMPLETIONS, HOW MANY? *	21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
CBL-VDL-GR-CCL-BHV-SD/DSN/ACTR

23.
WAS WELL CORED? NO ☑ YES ☐ (Submit analysis)
WAS DST RUN? NO ☑ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☑ YES ☐ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20"	14" STL	36.7#		40		28			
11"	8 5/8" IJ-55	28#		2,638		1,025		0	
7 7/8"	4 1/2" I-80	11.6#		4,756		650		2230	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	4,403							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) GREEN RIVER	3,968	4,468		
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
3,968 4,468	0.36	48	Open ☑ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐

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NOV 08 2011
DIV. OF OIL, GAS & MINING

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
3968 - 4468	PUMP 2,138 BBLS SLICK H2O & 78,600 LBS SAND

29. ENCLOSED ATTACHMENTS:

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS: PROD

(5/2000)

(CONTINUED ON BACK)

31. INITIAL PRODUCTION — **INTERVAL A (As shown in item #26)**

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
9/22/2011	10/26/2011	24		0	1,533	72	FLOWING

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
64/64	75	625					0	1,533	72	PROD

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. 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.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				GREEN RIVER	1,460
				BIRD'S NEST	1,645
				MAHOGANY	2,259
				WASATCH	4,736

35. ADDITIONAL REMARKS (Include plugging procedure)

The first 225'of the surface hole was drilled with a 12 ¼" bit. The remainder of surface hole was drilled with an 11" bit. Attached is the chronological well history, perforation report & final survey.

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

NAME (PLEASE PRINT) JAIME SCHARNOWSKE TITLE REGULATORY ANALYST

SIGNATURE Jaime Scharnowske DATE 11/1/2011

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

US ROCKIES REGION

Operation Summary Report

Well: STATE 921-35C-GR [ORANGE]			Spud Date: 5/2/2011
Project: UTAH-UINTAH	Site: NBU 921-35C PAD		Rig Name No: H&P 311/311, CAPSTAR 310/310
Event: DRILLING	Start Date: 3/29/2011		End Date: 7/7/2011
Active Datum: RKB @5,011.01ft (above Mean Sea Level)	UWI: NE/NW/0/9/S/21/E/35/0/0/26/PM/N/369/W/0/1594/0/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
5/1/2011	22:30 - 0:00	1.50	DRLSUR	21	C	P		WAIT ON DAYLIGHT TO MOVE RIG
5/2/2011	0:00 - 7:00	7.00	DRLSUR	21	C	P		WAIT ON DAYLIGHT TO MOVE RIG
	7:00 - 17:00	10.00	DRLSUR	01	A	P		MOVE RIG TO STATE 321-35C GR
	17:00 - 19:30	2.50	DRLSUR	14	A	P		WELD ON RISER AND RIG UP FLOW LINE
	19:30 - 22:00	2.50	DRLSUR	08	A	X		REPLACE CLAM P ON BOOM
	22:00 - 23:00	1.00	DRLSUR	06	A	P		PICK UP BIT AND MUD MOTOR
	23:00 - 0:00	1.00	DRLSUR	02	C	P		SPUD WELL 12.25" BIT DRILL TO 163' WOB 8-15 ROT 45-55 GPM 300-600
5/3/2011	0:00 - 2:00	2.00	DRLSUR	02	C	P		SPUD WELL 12.25" BIT DRILL F/ 163' - 225' WOB 8-15 ROT 45-55 GPM 300-600
	2:00 - 6:00	4.00	DRLSUR	06	A	P		TOOH INSTALL DIRECTIONAL TOOLS AND ORIENT MUD MOTOR TO MWD TOOL
	6:00 - 8:00	2.00	DRLSUR	08	A	Z		WORK ON SWIVEL LOCK AND MUD PUMPS
	8:00 - 16:30	8.50	DRLSUR	02	C	P		DRILL 11" HOLE F/ 225' - 1272' AVE ROP 123 FT HR WOB 20-22 ROT 45-55 DHR 96 GPM 600 CFM 600 AIR ON AT 1200'
	16:30 - 17:00	0.50	DRLSUR	07	A	P		DAILY RIG SERVICE
	17:00 - 0:00	7.00	DRLSUR	02	C	P		DRILL 11" HOLE F/ 1272' - 2096' AVE ROP 123 FT HR WOB 20-22 ROT 45-55 DHR 96 GPM 600 CFM 600 AIR ON AT 1200' LAST SURVEY .75 DEG 98.13 AZI
5/4/2011	0:00 - 6:00	6.00	DRLSUR	02	C	P		DRILL 11" HOLE F/ 2096' - 2650' T.D. WOB 20-22 GPM 600 CFM 750 ROT 45-55 DHR 96 LOST CIRC AT 1200'
	6:00 - 7:00	1.00	DRLSUR	05	C	P		CIRCULATE AND CONDITION MUD PRIOR TO LDDS
	7:00 - 11:00	4.00	DRLSUR	06	A	P		TOOH LAYING DOWN BREAK DOWN DIRECTIONAL TOOLS FOR INSPECTION BREAK BIT AND MUD MOTOR
	11:00 - 14:30	3.50	DRLSUR	12	C	P		RIG UP AND RUN 59 JOINTS 8 5/8 28# J55 SURFACE CASING SHOE AT 2613' BAFFLE AT 2569'
	14:30 - 16:30	2.00	DRLSUR	12	E	P		HOLD SAFETY MEETING W/ SUPERIOR WELL SERVICES CEMENTERS. INSTALL CEMENT HEAD ON TOP OF LANDING JT. PRESSURE TEST LINE TO 2000 PSI. PUMP 50 BBLS OF WATER AHEAD, PUMP 20 BBLS OF GEL WATER. PUMP 200 SX OF 11#, 3.52 YD, 23 GAL/SK HI FILL LEAD, PUMP 225 SX OF 15.8# 1.15 YD, 5 GAL/SK TAIL PREM. CLASS G CEMENT . DROP PLUG ON FLY, DISPLACE W/ 156 BBLS OF WATER. 490 PSI OF LIFT @ 2 BBLS/MIN RATE. 0 BBLS OF LEAD TO SURFACE. BUMP PLUG W/ 900 PSI. FLOAT HELD. PUMP 200 SX OF 15.8# PREMIUM 3% CALC CEMENT DOWN 1" DOWN BACK SIDE. CEMENT FELL, PUMP 400 SX OF 15.8# PREMIUM 3% CALC CEMENT DOWN 1" DOWN BACK SIDE.WAIT TILL NEXT JOB TO TOP OUT.
	16:30 - 17:30	1.00	DRLSUR	14	A	P		CUT CONDUCTOR AND RIG DOWN FLOW LINE HANG OFF 8 5/8 CASING

US ROCKIES REGION

Operation Summary Report

Well: STATE 921-35C-GR [ORANGE]			Spud Date: 5/2/2011
Project: UTAH-UINTAH	Site: NBU 921-35C PAD		Rig Name No: H&P 311/311, CAPSTAR 310/310
Event: DRILLING	Start Date: 3/29/2011		End Date: 7/7/2011
Active Datum: RKB @5,011.01ft (above Mean Sea Level)	UWI: NE/NW/0/9/S/21/E/35/0/0/26/PM/N/369/W/0/1594/0/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	17:30 - 18:00	0.50	DRLSUR	12	E	P		RIG UP AND RUN 200 FT OF 1" AND PUMP 200 SX OF 15.8# PREMIUM 3% CALC CEMENT DOWN 1" DOWN BACK SIDE. CEMENT FELL, PUMP 400 SX OF 15.8# PREMIUM 3% CALC CEMENT DOWN 1" DOWN BACK SIDE.WAIT TILL NEXT JOB TO TOP OUT.
	18:00 - 18:00	0.00	DRLSUR					CONDUCTOR CASING: Cond. Depth set: 40 Cement sx used: 28 SPUD DATE/TIME: 5/2/2011 23:00 SURFACE HOLE: Surface From depth: 40 Surface To depth: 2,650 Total SURFACE hours: 24.50 Surface Casing size: 8 5/8 # of casing joints ran: 28-Feb Casing set MD: 2,625.0 # sx of cement: 200/225/600 Cement blend (ppg:) 11/15.8/15/8 Cement yield (ft3/sk): 3.82/1.15/1.15 # of bbls to surface: 25 Describe cement issues: NONE Describe hole issues: NONE
7/5/2011	4:00 - 5:00	1.00	MIRU	01	C	P		SKIDDED RIG FROM NBU 921-35D1BS.
	5:00 - 9:00	4.00	PRPSPD	14	A	P		NU BOPE
	9:00 - 13:00	4.00	PRPSPD	15	A	P		TEST BOP, PRESSURE TEST PIPE RAMS, BLIND RAMS, IBOP, FLOOR VALVE, KILL LINE, & KILL LINE VALVES, BOP WING VALVES, HCR VALVE, CHOKE LINE INNER & OUTER CHOKE VALVES, & MANIFOLD 250 PSI LOW/ 5 MINUTES, 5K HIGH FOR 10 MINUTES, TEST ANNULAR 250 LOW/5 MINUTES, 2500 HIGH/10 MINUTES, TEST SUPER CHOKE AND FUNCTION TEST CLOSING UNIT. HAD ZECO COME AND GO THRU THEIR SUPER CHOKE, CHOKE CONSOLE UNIT AND STROKE COUNTER.
	13:00 - 13:30	0.50	PRPSPD	15	A	P		PRESSURE TESTED SURFACE CASING TO 1500 PSI FOR 30 MINUTES.
	13:30 - 14:00	0.50	DRLPRO	14	B	P		INSTALLED WEAR BUSHING.
	14:00 - 15:30	1.50	DRLPRO	06	A	P		MADE UP HUGHES Q506F BIT WITH 6-16S, SERIAL #7134221, BAKER INTEQ 6.5" ULTRA G SERIES XL-LS MUD MOTOR, 5:6, 3.0 HARD RUBBER, 1.5 DEGREE BEND, 0.16 REV/GAL. MADE UP DIRECTIONAL TOOLS, SCRIBED MOTOR, INSTALLED EFIELD TOOL, MADE UP REMAINING DIRECTIONAL TOOLS.
	15:30 - 16:30	1.00	DRLPRO	06	A	P		TRIP IN THE HOLE, TAGGED AT 2570'.
	16:30 - 17:00	0.50	DRLPRO	07	A	P		RIG SERVICE.
	17:00 - 18:30	1.50	DRLPRO	02	F	P		DRILLED CEMENT, FLOAT COLLAR, SHOE TRACK AND SHOE.

US ROCKIES REGION

Operation Summary Report

Well: STATE 921-35C-GR [ORANGE]		Spud Date: 5/2/2011
Project: UTAH-UINTAH	Site: NBU 921-35C PAD	Rig Name No: H&P 311/311, CAPSTAR 310/310
Event: DRILLING	Start Date: 3/29/2011	End Date: 7/7/2011
Active Datum: RKB @5,011.01ft (above Mean Sea Level)	UWI: NE/NW/0/9/S/21/E/35/0/0/26/PM/N/369/W/0/1594/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	18:30 - 0:00	5.50	DRLPRO	02	D	P		DRILLED 2675'-3460, 785' IN 5.5 HRS, 142.7 FPH. THE OBJECT WAS TO DRILL A VERTICAL WELL WITH OUR INCLINATION UNDER 2 DEGREES. HAD TO MAKE 3 SLIDES FOR A TOTAL OF 64' IN 1 HOUR TOTAL FOR A FPH OF 64 FPH, OUR DRILLING WITHOUT THE SLIDING WAS 721' IN 4.5 HRS, 160 FPH. WOB WAS 25K, PUMP #1 AT 110 SPM, 495 GPM, MOTOR TURNING AT 80 RPM WITH TOP DRIVE AT 52 RPM FOR A TOTAL OF 132 RPM AT THE BIT. DIFFERENTIAL PRESSURE WAS 350-500 PSI. ON/OFF BOTTOM PUMP PRESSURE WAS 1150/1780 PSI. ON/OFF BOTTOM TORQUE WAS 6/3K. PU/SO/ROT WAS 109/103/106. CIRCULATING THE RESERVE PIT AND PUMP GEL SWEEPS.
7/6/2011	0:00 - 9:00	9.00	DRLPRO	02	D	P		DRILLED 3460'-4770', 1310/9 HRS, 145.6 FPH. MADE 1 SLIDE 20' IN .33 HRS, 60 FPH. WOB WAS 25K, PUMP #1 AT 110 SPM, 495 GPM, MOTOR TURNING AT 84 RPM WITH TOP DRIVE AT 52 RPM FOR A TOTAL OF 136 RPM AT THE BIT. DIFFERENTIAL PRESSURE WAS 350-500 PSI. ON/OFF BOTTOM PUMP PRESSURE 1280/960. ON/OFF BOTTOM TORQUE WAS 7/2K. PU/SO/ROT 134/123/126. CIRCULATING THE RESERVE PIT AND PUMP GEL SWEEPS.
	9:00 - 9:30	0.50	DRLPRO	05	C	P		CIRC. BOTTOMS UP
	9:30 - 11:30	2.00	DRLPRO	06	E	P		PUMPED A SLUG, FLOW CHECK, WIPER TRIP TO THE SHOE.
	11:30 - 12:30	1.00	DRLPRO	05	C	P		CIRC. 2 BOTTOMS UP PUMPED A 40 VIS SWEEP AND 1 EZ MUD SWEEP. PUMPED A SLUG. 12' FLARE ON BOTTOMS UP.
	12:30 - 15:30	3.00	DRLPRO	06	B	P		TOH F/ LOGS. LD DIRECTIONAL TOOLS
	15:30 - 16:00	0.50	DRLPRO	07	A	P		RIG SERVICE
	16:00 - 20:00	4.00	DRLPRO	11	E	P		HELD A S/M, RU HALLIBURTON AND RAN THE TRIPLE COMBO LOGS. DRILLERS TD 4770' LOGGERS TD 4766'
	20:00 - 22:00	2.00	DRLPRO	06	A	P		TIH
	22:00 - 23:00	1.00	DRLPRO	05	C	P		CIRC AND COND. PRIOR TO CASING RUN. 10' FLARE ON BOTTOMS UP
	23:00 - 0:00	1.00	DRLPRO	06	A	P		TOH/LDDP
7/7/2011	0:00 - 4:30	4.50	DRLPRO	06	A	P		TOH LDDP AND THE BHA
	4:30 - 5:00	0.50	DRLPRO	14	B	P		PULLED THE WEAR BUSHING.VERY LIGHT SIGNS OF WEAR.
	5:00 - 7:00	2.00	DRLPRO	12	A	P		CLEANED THE FLOOR R/U CASING EQUIPMENT, SAFETY MEETING AND CREW CHANGE.
	7:00 - 10:00	3.00	DRLPRO	12	C	P		RU AND RAN 117 JTS + 1 MARKER 4.5"/11.6#/ I-80/BT&C CASING. LANDED @ 4756'. SHOE/4754.25', FC/4709.83'., MARKER JT/1385.64'-1403.54'.
	10:00 - 12:30	2.50	DRLPRO	05	D	P		CIRC. THE CASING RIGGED DOWN THE CASING CREW, MOVED THE LD MACHINE, SPOTTED IN CEMENT TRUCKS, HELD A S/M W/ BJ.

US ROCKIES REGION

Operation Summary Report

Well: STATE 921-35C-GR [ORANGE]		Spud Date: 5/2/2011	
Project: UTAH-UINTAH	Site: NBU 921-35C PAD		Rig Name No: H&P 311/311, CAPSTAR 310/310
Event: DRILLING	Start Date: 3/29/2011		End Date: 7/7/2011
Active Datum: RKB @5,011.01ft (above Mean Sea Level)	UWI: NE/NW/0/9/S/21/E/35/0/0/26/PM/N/369/W/0/1594/0/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	12:30 - 14:30	2.00	DRLPRO	12	B	P		TEST PUMPS & LINES TO 5K, PUMP 40 BBL SPACER, 160 SX, 11# LEAD11# 3.21 YLD. FLOOWED BY490 SX, 14.3#, 1.31 YIELD TAIL CMT. DISPLACE W/ 73.2 BBLS H2O, FINAL LIFT 1150# BUMPED PLUG W/ 1882#, FLOATS HELD, RETURNED 1/2 BBLS CMT & 15 BBLS SPACER TO SURFACE, EST CMT TOP AT 580', PLUG DOWN AT 13:53. RD CEMENTERS
	14:30 - 16:30	2.00	DRLPRO	14	A	P		NIPPLE DOWN SET C-21 SLIPS W/ 70K. CUT OFF CASING.
	16:30 - 17:00	0.50	DRLPRO	07	A	P		RIG SERVICE
	17:00 - 18:00	1.00	DRLPRO	01	E	P		PREPARE RIG TO SKID TO HOME RIG RELEASED 7/7/2011 18:00

US ROCKIES REGION

Operation Summary Report

Well: STATE 921-35C-GR [ORANGE]		Spud Date: 5/2/2011	
Project: UTAH-UINTAH	Site: NBU 921-35C PAD		Rig Name No: H&P 311/311, CAPSTAR 310/310
Event: DRILLING	Start Date: 3/29/2011		End Date: 7/7/2011
Active Datum: RKB @5,011.01ft (above Mean Sea Level)	UWI: NE/NW/0/9/S/21/E/35/0/0/26/PM/N/369/W/0/1594/0/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	18:00 - 18:00	0.00	DRLPRO					CONDUCTOR CASING: Cond. Depth set: 40 Cement sx used: 28 SPUD DATE/TIME: 5/2/2011 23:00 SURFACE HOLE: 11" Surface From depth: 40 Surface To depth: 2,650 Total SURFACE hours: 24.50 Surface Casing size: 8 5/8" # of casing joints ran: 60 Casing set MD: 2,625.0 # sx of cement: 200/225/600 Cement blend (ppg:) 11.0/15.8/15.8 Cement yield (ft3/sk): 3.82/1.15/1.15 # of bbls to surface: 25 Describe cement issues: NONE Describe hole issues: NONE PRODUCTION: Rig Move/Skid start date/time: 7/5/2011 4:00 Rig Move/Skid finish date/time: 7/5/2011 5:00 Total MOVE hours: 1.0 Prod Rig Spud date/time: 7/5/2011 0:00 Rig Release date/time: 7/7/2011 18:00 Total SPUD to RR hours: 66.0 Planned depth MD 4750' Planned depth TVD 4750' Actual MD: 4,770 Actual TVD: 4,769 Open Wells $ AFE $: Open wells $/ft: PRODUCTION HOLE: 7 7/8" Prod. From depth: 2,675 Prod. To depth: 4,770 Total PROD hours: 14.5 Log Depth: 4766 Float Collar Top Depth: 4709 Production Casing size: 4 1/2" # of casing joints ran: 118 Casing set MD: 4,756.0 # sx of cement: 160 LEAD / 490 TAIL Cement blend (ppg:) 11# LEAD/ 14.3# TAIL Cement yield (ft3/sk): 3.21 LEAD / 1.31 TAIL Est. TOC (Lead & Tail) or 2 Stage : 550 LEAD/ 2200 TAIL Describe cement issues: 15 BBL OF SPACER TO SURFACE FULL RETURNS Describe hole issues: DIRECTIONAL INFO: KOP: VERTICAL Max angle: VERTICAL

US ROCKIES REGION

Operation Summary Report

Well: STATE 921-35C-GR [ORANGE]		Spud Date: 5/2/2011	
Project: UTAH-UINTAH	Site: NBU 921-35C PAD		Rig Name No: H&P 311/311, CAPSTAR 310/310
Event: DRILLING	Start Date: 3/29/2011		End Date: 7/7/2011
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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
								Departure: VERTICAL Max dogleg MD: VERTICAL

1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well/Wellbore Information

Well	STATE 921-35C-GR [ORANGE]	**Wellbore No.**	OH
Well Name	STATE 921-35C-GR	**Wellbore Name**	STATE 921-35C-GR
Report No.	1	**Report Date**	8/8/2011
Project	UTAH-UINTAH	**Site**	NBU 921-35C PAD
Rig Name/No.		**Event**	COMPLETION
Start Date	8/8/2011	**End Date**	8/15/2011
Spud Date	5/2/2011	**Active Datum**	RKB @5,011.01ft (above Mean Sea Level)
UWI	NE/NW/0/9/S/21/E/35/0/0/26/PM/N/369/W/0/1594/0/0		

1.3 General

Contractor		**Job Method**	PERFORATE	**Supervisor**	
Perforated Assembly	PRODUCTION CASING	**Conveyed Method**	WIRELINE		

1.4 Initial Conditions

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

1.5 Summary

Gross Interval	3,968.0 (ft)-4,468.0 (ft)	**Start Date/Time**	8/8/2011 12:00AM
No. of Intervals	5	**End Date/Time**	8/8/2011 12:00AM
Total Shots	48	**Net Perforation Interval**	16.00 (ft)
Avg Shot Density	3.00 (shot/ft)	**Final Surface Pressure**	
		Final Press Date	

2 Intervals

2.1 Perforated Interval

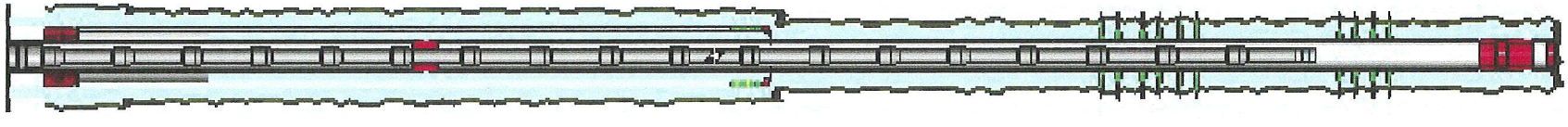
Date	Formation/ Reservoir	CCL@ (ft)	CCL-TS (ft)	MD Top (ft)	MD Base (ft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diameter (in)	Carr Type /Carr Manuf	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
8/8/2011 12:00AM	GREEN RIVER/			3,968.0	3,972.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	

2.1 Perforated Interval (Continued)

Date	Formation/ Reservoir	CCL@ (ft)	CCL-TS (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
8/8/2011 12:00AM	GREEN RIVER/			4,006.0	4,008.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
8/8/2011 12:00AM	GREEN RIVER/			4,025.0	4,027.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
8/8/2011 12:00AM	GREEN RIVER/			4,451.0	4,455.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
8/8/2011 12:00AM	GREEN RIVER/			4,464.0	4,468.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	

3 Plots

3.1 Wellbore Schematic



US ROCKIES REGION

Operation Summary Report

Well: STATE 921-35C-GR [ORANGE]		Spud Date: 5/2/2011	
Project: UTAH-UINTAH	Site: NBU 921-35C PAD		Rig Name No: MILES 2/2
Event: COMPLETION	Start Date: 8/8/2011		End Date: 8/15/2011
Active Datum: RKB @5,011.01ft (above Mean Sea Level)	UWI: NE/NW/0/9/S/21/E/35/0/0/26/PM/N/369/W/0/1594/0/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
8/5/2011	7:00 - 15:00	8.00	COMP	47	B	P		MIRU B&C TESTERS, FILL SURFACE CSG, HOOK UP TO 4-1/2 PRODUCTION CSG, PRESSURE UP 1000# W/ 14# LOSS IN 15 MIN. PRESSURE UP TO 3500# W/ 33# LOSS IN 15 MIN. PRESSURE UP TO 7000# W/ 56# LOSS IN 30 MIN. [GOOD TEST] P/U RIH W/ HALIBURTON 8K CBP & PERF GUN, PERF MESAVERDE USING 3-1/8 EXPEND, 23 GRM, 0.36" HOLE. AS PERSAY IN PROCEDURE, SWI.
8/8/2011	7:00 - 7:15	0.25	COMP	48		P		HSM, PRE FRAC INSTUCTIONS
	7:15 - 7:15	0.00	COMP	36	E	P		PERF & FRAC FOLLOWING WELL AS PER DESIGN W/ 20/40 SLC MESH SAND & SLK WTR. ALL CBP'S ARE HALIBURTON 8K CBP'S. REFER TO STIM PJR FOR FLIUD, SAND AND CHEMICL VOLUME PUM'D FRAC STG #1] WHP=343#, BRK DN PERFS=2,167#, @=3.3 BPM, INJ RT=47.1, INJ PSI=3,623#, INITIAL ISIP=804#, INITIAL FG=.62, FINAL ISIP=1,543#, FINAL FG=.78, AVERAGE RATE=49.8, AVERAGE PRESSURE=3,044#, MAX RATE=50.3, MAX PRESSURE=3,782#, NET PRESSURE INCREASE=789#, 18/24 74% CALC PERFS OPEN. X OVER TO WIRE LINE PERF STG #2] P/U RIH W/ HALIBURTON 8K CBP & PERF GUN, SET CBP @=4,077', PERF GREEN RIVER USING 3-1/8 EXPEND, 23 GRM, 0.36" HOLE. AS PERSAY IN PROCEDURE, X OVER TO FRAC CREW FRAC STG #2] WHP=161#, BRK DN PERFS=3,934#, @=4.4 BPM, INJ RT=52.4, INJ PSI=4,647#, INITIAL ISIP=1,249#, INITIAL FG=.75, FINAL ISIP=1,177#, FINAL FG=.73, AVERAGE RATE=52.3, AVERAGE PRESSURE=4,359#, MAX RATE=52.6, MAX PRESSURE=6,760#, NET PRESSURE INCREASE= -72#, 18/24 73% CALC PERFS OPEN. X OVER TO WIRE LINE P/U RIH W/ HALIBURTON 8K CBP, SET FOR TOP KILL @=3,918' TOTAL FLUID PUMP'D=2,138 BBLS TOTAL SAND PUMP'D=78,600#
8/15/2011	7:00 - 7:30	0.50	COMP	48		P		MOVE RIG, RIG UP

US ROCKIES REGION

Operation Summary Report

Well: STATE 921-35C-GR [ORANGE]		Spud Date: 5/2/2011	
Project: UTAH-UINTAH	Site: NBU 921-35C PAD		Rig Name No: MILES 2/2
Event: COMPLETION	Start Date: 8/8/2011		End Date: 8/15/2011
Active Datum: RKB @5,011.01ft (above Mean Sea Level)	UWI: NE/NW/0/9/S/21/E/35/0/0/26/PM/N/369/W/0/1594/0/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:30 - 17:00	9.50	COMP	44		P		MIRU, NDWH, NU BOP'S, PRESSURE TEST BOP'S, PU BHASSY, TBG, TIH 124 JTS TO 3939', DRILL CBP, 0 KICK, TIH TO 4037', CLEAN 40' SAND, TO 4077', DRILL CBP, 0 KICK, C/O CSG TO 4708', CLEAN 8' SAND TO 4710', CIRC 80 BBLS T-MAC, POOH LAY DWN 10 JTS, LAND TBG AT 4403', 138 JTS, ND BOP'S, NUWH, POBS, TURN WELL OVER TO FBC, RDMO TO NBU 921-35D1BS FRAC WTR 2138 BBLS WTR RCVD 200 bbls LTR 1938 bbls 138 jts tbg 4374.76' HANGER .83 XNSN 2.2' KB 25.00' EOT 4403'
8/16/2011	7:00 -			33	A			7 AM FLBK REPORT: CP 25#, TP 10#, OPEN/64" CK, 3 BWPH, CLEAN SAND, - GAS TTL BBLS RECOVERED: 291 BBLS LEFT TO RECOVER: 1847
8/17/2011	7:00 -			33	A			7 AM FLBK REPORT: CP 650#, TP 100#, OPEN/64" CK, 12 BWPH, CLEAN SAND, - GAS TTL BBLS RECOVERED: 679 BBLS LEFT TO RECOVER: 1459

Scientific Drilling
Rocky Mountain Operations

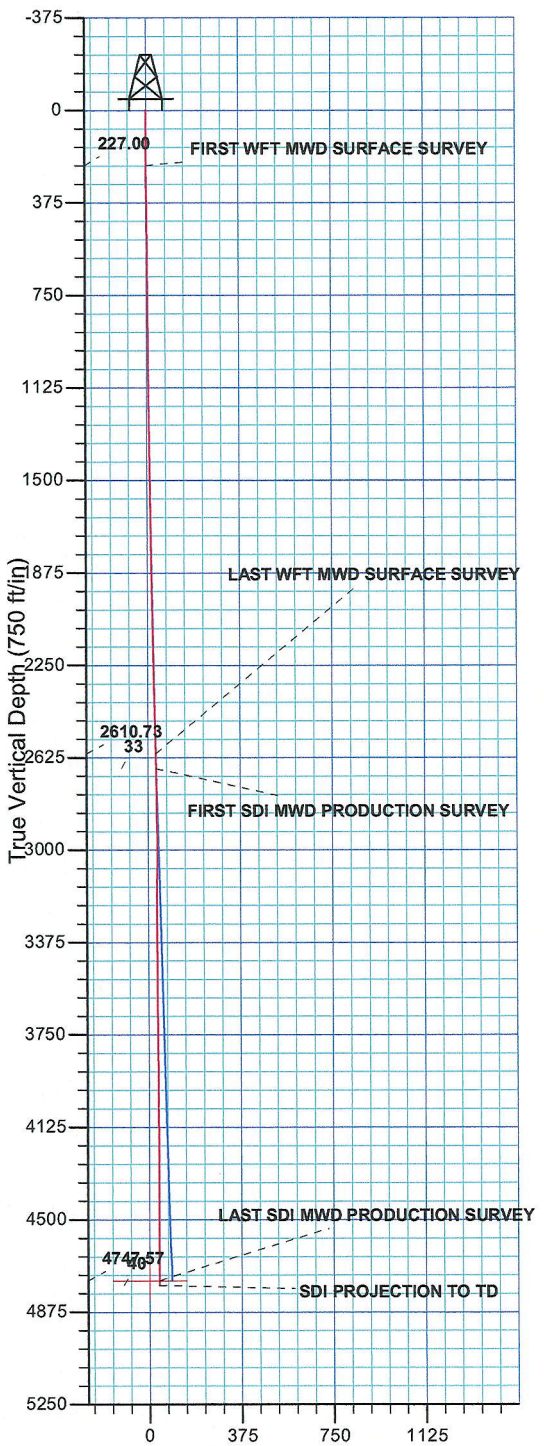
Project: Uintah County, UT UTM12
Site: NBU 921-35C Pad
Well: STATE 921-35 GR
Wellbore: OH
Design: OH

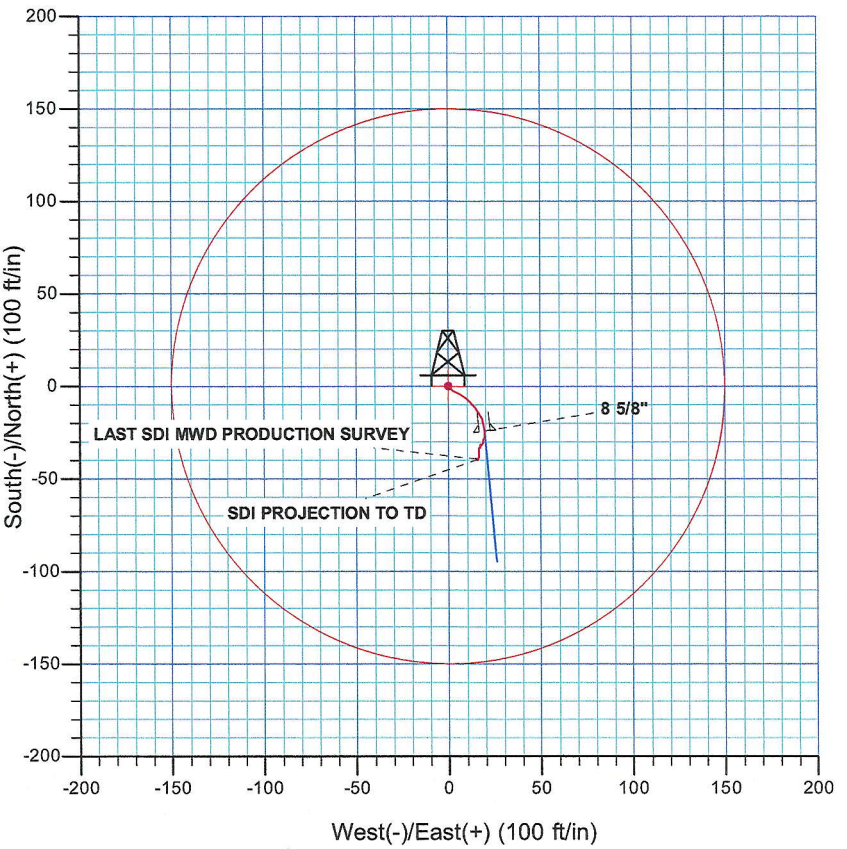
Anadarko Petroleum Corporation

WELL DETAILS: STATE 921-35 GR					
GL 4986' & KB 25' @ 5011.00ft (H&P 311)					
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	14529038.93	2054361.82	39° 59' 55.673 N	109° 31' 19.153 W

Azimuths to True North
Magnetic North: 11.08°

Magnetic Field
Strength: 52319.4snT
Dip Angle: 65.86°
Date: 07/06/2011
Model: IGRF2010





PROJECT DETAILS: Uintah County, UT UTM12	
Geodetic System:	Universal Transverse Mercator (US Survey Feet)
Datum:	NAD 1927 - Western US
Ellipsoid:	Clarke 1866
Zone:	Zone 12N (114 W to 108 W)
Location:	SEC 35 T9S R21E
System Datum:	Mean Sea Level

Design: OH (STATE 921-35 GR/OH)
Created By: RobertScott Date: 10:06, July 18 2011

Scientific Drilling
Rocky Mountain Operations

Kerr McGee Oil and Gas Onshore LP

Uintah County, UT UTM12
NBU 921-35C Pad
STATE 921-35 GR

OH

Design: OH

Standard Survey Report

18 July, 2011

Anadarko
Petroleum Corporation

Company:	Kerr McGee Oil and Gas Onshore LP	**Local Co-ordinate Reference:**	Well STATE 921-35 GR
Project:	Uintah County, UT UTM12	**TVD Reference:**	GL 4986' & KB 25' @ 5011.00ft (H&P 311)
Site:	NBU 921-35C Pad	**MD Reference:**	GL 4986' & KB 25' @ 5011.00ft (H&P 311)
Well:	STATE 921-35 GR	**North Reference:**	True
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM5000-RobertS-Local

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

Site	NBU 921-35C Pad, SEC 35 T9S R21E				
Site Position:		**Northing:**	14,529,019.23 usft	**Latitude:**	39° 59' 55.478 N
From:	Lat/Long	**Easting:**	2,054,359.90 usft	**Longitude:**	109° 31' 19.182 W
Position Uncertainty:	0.00 ft	**Slot Radius:**	13.200 in	**Grid Convergence:**	0.95 °

Well	STATE 921-35 GR, 369' FSL 1594' FWL					
Well Position	**+N/-S**	0.00 ft	**Northing:**	14,529,038.93 usft	**Latitude:**	39° 59' 55.673 N
	+E/-W	0.00 ft	**Easting:**	2,054,361.81 usft	**Longitude:**	109° 31' 19.153 W
Position Uncertainty		0.00 ft	**Wellhead Elevation:**	ft	**Ground Level:**	4,986.00 ft

Wellbore	OH			
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	07/06/11	11.08	65.86	52,319

Design	OH				
Audit Notes:					
Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.00
Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**	
	0.00	0.00	0.00	140.67	

Survey Program	**Date** 07/18/11		
From (ft)	**To (ft)**	**Survey (Wellbore)**	**Tool Name**	**Description**
16.00	2,611.00	Survey #1 WFT MWD SURFACE (OH)	MWD	MWD - Standard
2,673.00	4,770.00	Survey #2 SDI MWD PRODUCTION (OH)	MWD SDI	MWD - Standard ver 1.0.1

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
16.00	0.00	0.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00
227.00	0.21	100.24	227.00	-0.07	0.38	0.29	0.10	0.10	0.00
FIRST WFT MWD SURFACE SURVEY									
411.00	0.26	180.94	411.00	-0.55	0.71	0.87	0.17	0.03	43.86
602.00	0.49	123.74	601.99	-1.43	1.38	1.98	0.22	0.12	-29.95
790.00	0.50	140.26	789.99	-2.51	2.57	3.57	0.08	0.01	8.79
1,170.00	0.75	98.13	1,169.97	-4.14	6.09	7.06	0.13	0.07	-11.09
1,550.00	0.94	144.51	1,549.93	-7.03	10.36	12.00	0.18	0.05	12.21
1,930.00	0.94	133.76	1,929.88	-11.72	14.43	18.21	0.05	0.00	-2.83

Company:	Kerr McGee Oil and Gas Onshore LP	**Local Co-ordinate Reference:**	Well STATE 921-35 GR
Project:	Uintah County, UT UTM12	**TVD Reference:**	GL 4986' & KB 25' @ 5011.00ft (H&P 311)
Site:	NBU 921-35C Pad	**MD Reference:**	GL 4986' & KB 25' @ 5011.00ft (H&P 311)
Well:	STATE 921-35 GR	**North Reference:**	True
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM5000-RobertS-Local

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)
2,343.00	1.00	156.76	2,342.82	-17.38	18.29	25.03	0.09	0.01	5.57
2,611.00	1.90	174.72	2,610.73	-23.95	19.63	30.96	0.37	0.34	6.70
LAST WFT MWD SURFACE SURVEY									
2,673.00	1.93	178.95	2,672.70	-26.02	19.74	32.63	0.23	0.05	6.82
FIRST SDI MWD PRODUCTION SURVEY									
2,767.00	0.59	220.96	2,766.68	-27.96	19.45	33.96	1.64	-1.43	44.69
2,862.00	0.97	193.37	2,861.67	-29.12	18.94	34.53	0.55	0.40	-29.04
2,956.00	1.42	191.02	2,955.65	-31.03	18.54	35.75	0.48	0.48	-2.50
3,051.00	0.44	313.95	3,050.64	-31.93	18.05	36.14	1.79	-1.03	129.40
3,145.00	0.35	319.31	3,144.64	-31.47	17.60	35.50	0.10	-0.10	5.70
3,240.00	0.35	200.13	3,239.63	-31.52	17.31	35.35	0.64	0.00	-125.45
3,334.00	0.98	178.11	3,333.63	-32.59	17.24	36.14	0.71	0.67	-23.43
3,428.00	0.18	326.61	3,427.62	-33.27	17.19	36.63	1.21	-0.85	157.98
3,522.00	0.12	267.27	3,521.62	-33.15	17.01	36.42	0.17	-0.06	-63.13
3,617.00	0.35	203.12	3,616.62	-33.43	16.79	36.50	0.33	0.24	-67.53
3,711.00	0.79	182.64	3,710.62	-34.34	16.65	37.11	0.51	0.47	-21.79
3,805.00	1.06	182.56	3,804.61	-35.85	16.58	38.24	0.29	0.29	-0.09
3,899.00	0.18	2.64	3,898.60	-36.57	16.55	38.78	1.32	-0.94	-191.40
3,994.00	0.18	180.53	3,993.60	-36.57	16.56	38.78	0.38	0.00	187.25
4,088.00	0.44	170.78	4,087.60	-37.08	16.61	39.21	0.28	0.28	-10.37
4,182.00	0.92	199.35	4,181.59	-38.15	16.42	39.91	0.61	0.51	30.39
4,277.00	0.97	198.90	4,276.58	-39.63	15.91	40.73	0.05	0.05	-0.47
4,371.00	0.53	338.65	4,370.58	-39.97	15.49	40.74	1.51	-0.47	148.67
4,465.00	0.35	348.27	4,464.57	-39.29	15.27	40.07	0.21	-0.19	10.23
4,560.00	0.23	294.14	4,559.57	-38.93	15.04	39.64	0.30	-0.13	-56.98
4,654.00	0.26	139.80	4,653.57	-39.01	15.01	39.69	0.51	0.03	-164.19
4,748.00	0.44	140.21	4,747.57	-39.45	15.38	40.26	0.19	0.19	0.44
LAST SDI MWD PRODUCTION SURVEY									
4,770.00	0.44	140.21	4,769.57	-39.58	15.48	40.43	0.00	0.00	0.00
SDI PROJECTION TO TD									

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
227.00	227.00	-0.07	0.38	FIRST WFT MWD SURFACE SURVEY
2,611.00	2,610.73	-23.95	19.63	LAST WFT MWD SURFACE SURVEY

Checked By: _____ Approved By: _____ Date: _____

Scientific Drilling
Rocky Mountain Operations

Kerr McGee Oil and Gas Onshore LP

Uintah County, UT UTM12
NBU 921-35C Pad
STATE 921-35 GR

OH

Design: OH

Survey Report - Geographic

18 July, 2011

Anadarko
Petroleum Corporation

Company:	Kerr McGee Oil and Gas Onshore LP	**Local Co-ordinate Reference:**	Well STATE 921-35 GR
Project:	Uintah County, UT UTM12	**TVD Reference:**	GL 4986' & KB 25' @ 5011.00ft (H&P 311)
Site:	NBU 921-35C Pad	**MD Reference:**	GL 4986' & KB 25' @ 5011.00ft (H&P 311)
Well:	STATE 921-35 GR	**North Reference:**	True
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM5000-RobertS-Local

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

Site	NBU 921-35C Pad, SEC 35 T9S R21E				
Site Position:		**Northing:**	14,529,019.23 usft	**Latitude:**	39° 59' 55.478 N
From:	Lat/Long	**Easting:**	2,054,359.90 usft	**Longitude:**	109° 31' 19.182 W
Position Uncertainty:	0.00 ft	**Slot Radius:**	13.200 in	**Grid Convergence:**	0.95 °

Well	STATE 921-35 GR, 369' FSL 1594' FWL					
Well Position	**+N/-S**	0.00 ft	**Northing:**	14,529,038.93 usft	**Latitude:**	39° 59' 55.673 N
	+E/-W	0.00 ft	**Easting:**	2,054,361.81 usft	**Longitude:**	109° 31' 19.153 W
Position Uncertainty		0.00 ft	**Wellhead Elevation:**	ft	**Ground Level:**	4,986.00 ft

Wellbore	OH				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	07/06/11	11.08	65.86	52,319

Design	OH					
Audit Notes:						
Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**		0.00
Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**		
	0.00	0.00	0.00	140.67		

Survey Program **Date** 07/18/11

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
16.00	2,611.00	Survey #1 WFT MWD SURFACE (OH)	MWD	MWD - Standard
2,673.00	4,770.00	Survey #2 SDI MWD PRODUCTION (OH)	MWD SDI	MWD - Standard ver 1.0.1

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.00	0.00	0.00	0.00	0.00	0.00	14,529,038.93	2,054,361.81	39° 59' 55.673 N	109° 31' 19.153 W
16.00	0.00	0.00	16.00	0.00	0.00	14,529,038.93	2,054,361.81	39° 59' 55.673 N	109° 31' 19.153 W
227.00	0.21	100.24	227.00	-0.07	0.38	14,529,038.87	2,054,362.19	39° 59' 55.672 N	109° 31' 19.148 W
FIRST WFT MWD SURFACE SURVEY									
411.00	0.26	180.94	411.00	-0.55	0.71	14,529,038.40	2,054,362.53	39° 59' 55.667 N	109° 31' 19.144 W
602.00	0.49	123.74	601.99	-1.43	1.38	14,529,037.52	2,054,363.21	39° 59' 55.659 N	109° 31' 19.135 W
790.00	0.50	140.26	789.99	-2.51	2.57	14,529,036.46	2,054,364.42	39° 59' 55.648 N	109° 31' 19.120 W
1,170.00	0.75	98.13	1,169.97	-4.14	6.09	14,529,034.90	2,054,367.97	39° 59' 55.632 N	109° 31' 19.075 W
1,550.00	0.94	144.51	1,549.93	-7.03	10.36	14,529,032.08	2,054,372.29	39° 59' 55.603 N	109° 31' 19.020 W
1,930.00	0.94	133.76	1,929.88	-11.72	14.43	14,529,027.45	2,054,376.43	39° 59' 55.557 N	109° 31' 18.968 W
2,343.00	1.00	156.76	2,342.82	-17.38	18.29	14,529,021.86	2,054,380.39	39° 59' 55.501 N	109° 31' 18.918 W

Company:	Kerr McGee Oil and Gas Onshore LP	**Local Co-ordinate Reference:**	Well STATE 921-35 GR
Project:	Uintah County, UT UTM12	**TVD Reference:**	GL 4986' & KB 25' @ 5011.00ft (H&P 311)
Site:	NBU 921-35C Pad	**MD Reference:**	GL 4986' & KB 25' @ 5011.00ft (H&P 311)
Well:	STATE 921-35 GR	**North Reference:**	True
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM5000-RobertS-Local

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
2,611.00	1.90	174.72	2,610.73	-23.95	19.63	14,529,015.31	2,054,381.83	39° 59' 55.436 N	109° 31' 18.901 W
LAST WFT MWD SURFACE SURVEY									
2,673.00	1.93	178.95	2,672.70	-26.02	19.74	14,529,013.25	2,054,381.98	39° 59' 55.416 N	109° 31' 18.900 W
FIRST SDI MWD PRODUCTION SURVEY									
2,767.00	0.59	220.96	2,766.68	-27.96	19.45	14,529,011.29	2,054,381.72	39° 59' 55.396 N	109° 31' 18.903 W
2,862.00	0.97	193.37	2,861.67	-29.12	18.94	14,529,010.13	2,054,381.24	39° 59' 55.385 N	109° 31' 18.910 W
2,956.00	1.42	191.02	2,955.65	-31.03	18.54	14,529,008.21	2,054,380.86	39° 59' 55.366 N	109° 31' 18.915 W
3,051.00	0.44	313.95	3,050.64	-31.93	18.05	14,529,007.30	2,054,380.39	39° 59' 55.357 N	109° 31' 18.921 W
3,145.00	0.35	319.31	3,144.64	-31.47	17.60	14,529,007.76	2,054,379.93	39° 59' 55.362 N	109° 31' 18.927 W
3,240.00	0.35	200.13	3,239.63	-31.52	17.31	14,529,007.70	2,054,379.65	39° 59' 55.361 N	109° 31' 18.931 W
3,334.00	0.98	178.11	3,333.63	-32.59	17.24	14,529,006.63	2,054,379.59	39° 59' 55.351 N	109° 31' 18.932 W
3,428.00	0.18	326.61	3,427.62	-33.27	17.19	14,529,005.95	2,054,379.55	39° 59' 55.344 N	109° 31' 18.932 W
3,522.00	0.12	267.27	3,521.62	-33.15	17.01	14,529,006.06	2,054,379.37	39° 59' 55.345 N	109° 31' 18.935 W
3,617.00	0.35	203.12	3,616.62	-33.43	16.79	14,529,005.79	2,054,379.16	39° 59' 55.342 N	109° 31' 18.937 W
3,711.00	0.79	182.64	3,710.62	-34.34	16.65	14,529,004.88	2,054,379.03	39° 59' 55.333 N	109° 31' 18.939 W
3,805.00	1.06	182.56	3,804.61	-35.85	16.58	14,529,003.36	2,054,378.99	39° 59' 55.318 N	109° 31' 18.940 W
3,899.00	0.18	2.64	3,898.60	-36.57	16.55	14,529,002.64	2,054,378.97	39° 59' 55.311 N	109° 31' 18.940 W
3,994.00	0.18	180.53	3,993.60	-36.57	16.56	14,529,002.64	2,054,378.97	39° 59' 55.311 N	109° 31' 18.940 W
4,088.00	0.44	170.78	4,087.60	-37.08	16.61	14,529,002.13	2,054,379.04	39° 59' 55.306 N	109° 31' 18.940 W
4,182.00	0.92	199.35	4,181.59	-38.15	16.42	14,529,001.06	2,054,378.86	39° 59' 55.296 N	109° 31' 18.942 W
4,277.00	0.97	198.90	4,276.58	-39.63	15.91	14,528,999.57	2,054,378.37	39° 59' 55.281 N	109° 31' 18.949 W
4,371.00	0.53	338.65	4,370.58	-39.97	15.49	14,528,999.22	2,054,377.96	39° 59' 55.278 N	109° 31' 18.954 W
4,465.00	0.35	348.27	4,464.57	-39.29	15.27	14,528,999.90	2,054,377.74	39° 59' 55.284 N	109° 31' 18.957 W
4,560.00	0.23	294.14	4,559.57	-38.93	15.04	14,529,000.26	2,054,377.50	39° 59' 55.288 N	109° 31' 18.960 W
4,654.00	0.26	139.80	4,653.57	-39.01	15.01	14,529,000.17	2,054,377.46	39° 59' 55.287 N	109° 31' 18.960 W
4,748.00	0.44	140.21	4,747.57	-39.45	15.38	14,528,999.74	2,054,377.84	39° 59' 55.283 N	109° 31' 18.956 W
LAST SDI MWD PRODUCTION SURVEY									
4,770.00	0.44	140.21	4,769.57	-39.58	15.48	14,528,999.61	2,054,377.95	39° 59' 55.282 N	109° 31' 18.954 W
SDI PROJECTION TO TD									

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
227.00	227.00	-0.07	0.38	FIRST WFT MWD SURFACE SURVEY
2,611.00	2,610.73	-23.95	19.63	LAST WFT MWD SURFACE SURVEY
2,673.00	2,672.70	-26.02	19.74	FIRST SDI MWD PRODUCTION SURVEY
4,748.00	4,747.57	-39.45	15.38	LAST SDI MWD PRODUCTION SURVEY
4,770.00	4,769.57	-39.58	15.48	SDI PROJECTION TO TD

Checked By: _____ Approved By: _____ Date: _____

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: UO 01194 ST

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: MAVERICK

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: STATE 921-35C GR

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

9. API NUMBER: 43047515450000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 **PHONE NUMBER:** 720 929-6515

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0369 FNL 1594 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 35 Township: 09.0S Range: 21.0E 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 11/20/2012	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Workover

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

The operator conducted the following workover/wellbore cleanout on the subject well on 11/20/2012. Please see the attached chronological well history for details. Thank you.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
January 15, 2013

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Jaime Scharnowske	720 929-6304	Regulartory Analyst
SIGNATURE N/A		**DATE** 12/21/2012

RECEIVED: Dec. 21, 2012

US ROCKIES REGION

Operation Summary Report

Well: STATE 921-35C-GR [ORANGE]	Spud Conductor: 5/2/2011	Spud Date: 5/2/2011
Project: UTAH-UINTAH	Site: NBU 921-35C PAD	Rig Name No: SWABBCO 8/8
Event: WELL WORK EXPENSE	Start Date: 11/7/2012	End Date: 11/7/2012
Active Datum: RKB @5,011.00usft (above Mean Sea Level)	UWI: NE/NW/0/9/S/21/E/35/0/0/26/PM/N/369/W/0/1594/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
11/7/2012	7:00 - 7:15	0.25	WO/REP	48		P		SAFETY = JSA.
	7:15 - 17:00	9.75	WO/REP	30		P		ROAD RIG FROM NBU 922-30G PAD. MIRU. CP= 0#. SITP = 300#. CNTRL TBNG W/ 10 BBLS TMAC. NDWH. NUBOP. UN-LAND WELL. P/U & RIH W/ 10 JTS 2-3/8" J-55 TBNG. T/U @4710' PBTD. MIRU HOT OILER. FLUSH TBNG W/ 20 BBLS HOT DIESEL. R/D HOT OILER. MIRU FOAM / AIR UNIT. BREAK CIRC IN LESS THAN 5 MIN. CSNG WAS STANDING FULL OF FLUID. RETURNS WERE OIL, DIESEL AND WATER. R/U HOT OILER AGAIN AND PUMP ANOTHER 20BBL HOT DIESEL SWEEP. R/U FOAM UNIT AND CIRC HOLE CLEAN. RDMO FOAM UNIT. RDMO HOT OILER. PUMP 10 BBL TMAC TOP KILL DOWN TBNG. L/D 10 JTS USED TO T/U. LAND WELL ON HANGER. NDBOP. NUWH. R/D RIG. PREP FOR MOVE IN AM. SWIFN. WELL RE-LANDED IN THE SAME SPOT THAT IT WAS LANDED IN BEFORE WORK OVER. TBNG DETAIL BASED ON OLD INFO AS FOLLOWS: KB= 25.00' HANGER= .83' 138 JTS 2-3/8" J-55 TBNG = 4374.76' XN / POBS = 2.20' EOT @4403' NOTE: RECOVERED 95 BBLS OF OIL / DIESEL. OIL WAS TRANSFERED TO PRODUCTION TANKS.
11/15/2012	7:00 -		PROD	42	B			Well- NBU 921-35CGR Operator- Marty W. Foreman- Mike Date- 11/15/12 BCP- 250 BTP- 100 BFL- 250 ETP- 0 EFL- 1900 Runs 4 BBLS- 15 Cost- $830

RECEIVED: Dec. 21, 2012

US ROCKIES REGION

Operation Summary Report

Well: STATE 921-35C-GR [ORANGE]	Spud Conductor: 5/2/2011	Spud Date: 5/2/2011
Project: UTAH-UINTAH	Site: NBU 921-35C PAD	Rig Name No: SWABBCO 8/8
Event: WELL WORK EXPENSE	Start Date: 11/7/2012	End Date: 11/7/2012
Active Datum: RKB @5,011.00usft (above Mean Sea Level)	UWI: NE/NW/0/9/S/21/E/35/0/0/26/PM/N/369/W/0/1594/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
11/16/2012	7:00 -		PROD	42	B			Well- NBU 921-35CGR Operator- BJ W. Foreman- Mike Date- 11/16/12 BCP- 180 BTP- 180 BFL- 2600 ECP- 240 ETP- 20 EFL- 3800 Runs- 15 BBLS- 76 Cost- $2,320 -
11/19/2012	7:00 -		PROD	42	B			Well- NBU 921-35CGR Operator- BJ W. Foreman Mike Date- 11/20/12 BCP- 1180 BTP- 1180 BFL- 3500 ECP- 400 ETP- 1150 EFL- 3800 Runs- 2 BBLS- 10 Cost- $1,820
11/20/2012	7:00 -		PROD	42	B			Well- State 921-35CGR Operator- BJ W. Foreman- - Mike Date- 11/20/12 BCP- 1120 BTP- 1180 BFL- 3800 ECP- 640 ETP- 500 EFL- 3800 Runs- 0 BBLS- 10 Cost- $1,760

RECEIVED: Dec. 21, 2012

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: (435) 781-9758

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304751545	STATE 921-35C GR		NENW	35	9S	21E	UINTAH
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
D	18030	19279				2/1/2013	
Comments: Dec 30, 2013							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304732470	COG 10-30-9-21 GR		SWNE	30	9S	21E	UINTAH
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
D	11633	19285				2/1/2013	
Comments: Dec 30, 2013							

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)

Doreen Green
Name (Please Print)
Signature
Regulatory Analyst
Title
12/23/2013
Date

RECEIVED
DEC 24 2013
Div. of Oil, Gas & Mining

(5/2000)

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: UO 01194 ST

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: MAVERICK

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: STATE 921-35C GR

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

9. API NUMBER: 43047515450000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779

PHONE NUMBER: 720 929-6100

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0369 FNL 1594 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 35 Township: 09.0S Range: 21.0E 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 1/20/2014	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Production Enhancement

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

The operator conducted the following workover/wellbore cleanout on the subject well on 1/20/2014. Please see the attached chronological well history for details. Thank you.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
February 24, 2014

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Teena Paulo	720 929-6236	Staff Regulatory Specialist
SIGNATURE		**DATE**
N/A		2/24/2014

US ROCKIES REGION

Operation Summary Report

Well: STATE 921-35C-GR [ORANGE]	Spud Conductor: 5/2/2011	Spud Date: 5/2/2011	
Project: UTAH-UINTAH	Site: NBU 921-35C PAD		Rig Name No:
Event: WELL WORK EXPENSE	Start Date: 1/17/2014		End Date: 1/20/2014
Active Datum: RKB @5,011.00usft (above Mean Sea Level)	UWI: NE/NW/0/9/S/21/E/35/0/0/26/PM/N/369/W/0/1594/0/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
1/17/2014	12:00 - 13:00	1.00	WO/REP	30	G	P		ROAD RIG FROM NBU 423-30E.
	13:00 - 19:00	6.00	WO/REP	30		P		CP= 50#. TP= 50#. MIRU. BLOW DOWN WELL. FLUSH TBNG W/ 30BBLS HOT TMAC-SOLVENT SOLUTION. NDWH. NUBOP. UN-LAND WELL. RIH W/ 10JTS TBNG. T/U @4710' PBTD. L/D 3JTS NOT NEEDED FOR PRODUCTION. POOH WHILE SCANNING ORIGINAL 138JTS 2-3/8" J-55 TBNG. FLUSH MULTIPLE TIMES TO REMOVE PARRAFIN. SWIFN. SCAN RESULTS AS FOLLOWS: 5JTS 2-3/8" J-55 RED BAND. JTS HAD MODERATE PITTING. 133JTS 2-3/8" J-55 YELLOW BAND.
1/20/2014	7:00 - 7:15	0.25	WO/REP	48		P		SAFETY = JSA.
	7:15 - 12:00	4.75	WO/REP	30		P		SICP= 50#. BLOW DOWN WELL. RIH W/ PRODUCTION TBNG. LAND WELL ON HANGER. NDBOP. UN-LAND WELL. SET 4-1/2" TAC IN 11,000# TENSION. LAND WELL BACK ON HANGER. NUWH. PRODUCTION TBNG LANDED AS FOLLOWS: KB= 25.00' HANGER= .83' 116JTS 2-3/8" J-55 TBNG= 3696.96" 4-1/2" WEATHERFORD TAC = 3.05' 27JTS 2-3/8" J-55 TBNG = 838.54' 2-3/8" API SN = 1.10' 1JT 2-3/8" J-55 = 31.65' 2-3/8" J-55 PERF SUB = 4.07' 2-3/8" PINNED NOTCH COLLAR = .60' EOT @4601.80' SN @4564.38' TAC @3722.79'

RECEIVED: Feb. 24, 2014

US ROCKIES REGION

Operation Summary Report

Well: STATE 921-35C-GR [ORANGE]	Spud Conductor: 5/2/2011	Spud Date: 5/2/2011	
Project: UTAH-UINTAH	Site: NBU 921-35C PAD		Rig Name No:
Event: WELL WORK EXPENSE	Start Date: 1/17/2014		End Date: 1/20/2014
Active Datum: RKB @5,011.00usft (above Mean Sea Level)	UWI: NE/NW/0/9/S/21/E/35/0/0/26/PM/N/369/W/0/1594/0/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	12:00 - 17:30	5.50	WO/REP	39		P		X/O TO ROD EQUIP. P/U INSERT PUMP. PRIME / STROKE TEST PUMP GOOD. RIH W/ INSERT PUMP & ROD STRING AS FOLLOWS: 1-1/4" X 26' SPRAY METAL POLISHED ROD 7/8" X 2' GRADE D SLK PONY 7/8" X 8' GRADE D SLK PONY 70) 7/8" GRADE D SLK SUCKER ROD W/ SLIM HOLE SOFT BOX CPLNG. 100) 3/4" GRADE D SLK SUCKER ROD W/ SOFT BOX CPLNG. 10) 1-1/4" GRADE D WEIGHT BARS 7/8" X 2.50' GRADE D GUIDED STABALIZER BAR. RH RELEASE BACK-OFF TOOL. =.63' 2 X 1-1/2" X 24' THD INSERT PUMP W/ SCREEN NIPPLE. RWAC. PUMP #3839. ALT BALLS & SEATS. SPACE OUT PUMP. SEAT PUMP. STROKE / PRESSURE TEST PUMP GOOD @ 1000#. R/U LUFKIN PHL. WAITING ON ROUSTABOUT CREW TO PLUMB IN WELLHEAD. R/D RIG. PREP FOR MOVE IN THE A.M.

RECEIVED: Feb. 24, 2014

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
UO 01194 ST

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:
MAVERICK

1. TYPE OF WELL
Gas Well

8. WELL NAME and NUMBER:
STATE 921-35C GR

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

9. API NUMBER:
43047515450000

3. ADDRESS OF OPERATOR:
P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779

PHONE NUMBER:
720 929-6100

9. FIELD and POOL or WILDCAT:
NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0369 FNL 1594 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NENW Section: 35 Township: 09.0S Range: 21.0E 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☑ SUBSEQUENT REPORT Date of Work Completion: 8/5/2015	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☑ OTHER	OTHER: TUBING FAILURE

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

A WORKOVER FOR TUBING FAILURE/CLEANOUT HAS BEEN COMPLETED ON THE STATE 921-35C GR, SEE THE ATTACHED OPERATIONS SUMMARY REPORT.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
August 26, 2015

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Doreen Green	435 781-9758	Regulatory Analyst II
SIGNATURE		**DATE**
N/A		8/26/2015

RECEIVED: Aug. 26, 2015

US ROCKIES REGION

Operation Summary Report

Well: STATE 921-35C-GR [ORANGE]	Spud Conductor: 5/2/2011	Spud date: 5/2/2011	
Project: UTAH-UINTAH	Site: NBU 921-35C PAD		Rig name no.: MILES-GRAY 1/1
Event: WELL WORK EXPENSE	Start date: 7/16/2015		End date: 7/20/2015
Active datum: RKB @5,011.00usft (above Mean Sea Level)	UWI: NE/NW/0/9/S/21/E/35/0/0/26/PM/N/369/W/0/1594/0/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
7/16/2015	7:00 - 7:15	0.25	MAINT	48		P		SAFETY = JSA.
	7:15 - 9:00	1.75	MAINT	30	C	P		RDMO NBU 921-23M. ROAD RIG TO LOCATION.
	9:00 - 10:30	1.50	MAINT	30	A	P		MIRU. R/D LUFKIN PHL. X/O TO ROD EQUIP.
	10:30 - 14:00	3.50	MAINT	39	B	P		FCP & FTP= 50#. BLOW DOWN WELL TO PRODUCTION TANK. MIRU HOT OILER. PRE-HEAT CSG W/ 20BBLS HOT TMAC-SOLVENT SOLUTION. UN-SEAT PUMP. L/D PONY RODS & 2) 7/8" SUCKER RODS. R/U HOT OILER & FLUSH RODS & TBNG W/ 25BBLS HOT TMAC-SOLVENT. P/U RODS & RE-SEAT PUMP. PRESSURE TEST TBNG GOOD @ 1000#. L/D POLISHED ROD & PONIES. POOH W/ ROD STRING AS FOLLOWS:\n\n1-1/4" X 26' SPRAY METAL POLISHED ROD \n7/8" X 2' GRADE D SLK PONY \n7/8" X 4' GRADE D SLK PONY \n70) 7/8" GRADE D SLK SUCKER ROD W/ SLIM HOLE SOFT BOX CPLNG.\n100) 3/4" GRADE D SLK SUCKER ROD W/ SOFT BOX CPLNG.\n10) 1-1/4" GRADE D WEIGHT BARS \n7/8" X 2.50' GRADE D GUIDED STABALIZER BAR.\nRH RELEASE BACK-OFF TOOL. =.63'\n2 X 1-1/2" X 24' THD INSERT PUMP W/ SCREEN NIPPLE. RWAC. PUMP #4314. ALT BALLS & SEATS. 211" MAX STROKE.\n\nL/D 7 BAD 3/4" RODS. MULTIPLE BAD ROD BOXES FOUND.\nNOTE: RODS PULLED OVER SO HAD TO FLUSH A SECOND TIME.
	14:00 - 15:20	1.33	MAINT	46	E	Z		HOT OILER BROKE DOWN. HAD TO CHANGE OUT BAD AIR REGULATOR.
	15:20 - 17:00	1.67	MAINT	31	I	P		FLUSH TBNG W/ 20BBLS HOT TMAC-SOLVENT. NDWH. UN-LAND TBG. STRIP IN PUP JT. RELEASE TAC. LAND TBNG ON HANGER. NUBOP. R/U FLOOR & TBNG EQUIP. UN-LAND TBNG. REMOVE HANGER & PUP JT. P/U & RIH W/ 2JTS 2-3/8" J-55 TBNG. T/U @ 4631'. POOH WHILE L/D 2JTS TBNG USED TO T/U. PREP FOR TBNG SCAN IN AM. SWIFN. SDFN.
7/17/2015	7:00 - 7:15	0.25	MAINT	48		P		SAFETY = JSA.
	7:15 - 12:00	4.75	MAINT	31	I	P		SICP & SITP= 0#. MIRU HOT OILER. FLUSH TBNG W/ 25BBLS HOT TMAC. MIRU SCANNER. POOH WHILE SCANNING 144JTS 2-3/8" J-55 TBNG + BHA. L/D ROD BHA & TAC. SCAN RESULTS AS FOLOWS:\n\nY-BND= 100JTS\nB-BND= 16JTS\nR-BND= 28JTS. DUE TO ROD CUT. ALL BAD JTS WERE BELOW TAC @3722'. BAD INTERVAL WAS 3722' TO EOT @4597'.\n\n\n\nP/U & RIH W/ 3-7/8" MILL + BIT SUB + 2-3/8" J-55 TBNG. T/U ON SCALE @4459' W/ 141JTS TBNG + BHA. R/U POWER SWIVEL.

RECEIVED: Aug. 26, 2015

US ROCKIES REGION

Operation Summary Report

Well: STATE 921-35C-GR [ORANGE]	Spud Conductor: 5/2/2011	Spud date: 5/2/2011
Project: UTAH-UINTAH	Site: NBU 921-35C PAD	Rig name no.: MILES-GRAY 1/1
Event: WELL WORK EXPENSE	Start date: 7/16/2015	End date: 7/20/2015
Active datum: RKB @5,011.00usft (above Mean Sea Level)	UWI: NE/NW/0/9/S/21/E/35/0/0/26/PM/N/369/W/0/1594/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	12:00 - 14:20	2.33	MAINT	44	D	P		MIRU FOAM-AIR UNIT. BREAK CONV CIRC IN 35MIN. D/O SCALE F- 4459' T-4468'. FALL THRU. CONT RIH TBNG. T/U ON SAND @4631' W/ 146JTS TBNG + BHA. C/O SAND F-4631' T- 4676'. 148JTS TOTAL TBNG IN THE WELL + BHA. CIRC WELL CLEAN FOR 40MIN. PUMP 10BBL TMAC TOP KILL DOWN TBNG. R/D POWER SWIVEL. RDMO FOAM-AIR UNIT.
	14:20 - 16:30	2.17	MAINT	31	I	P		L/D 4JTS TBNG NOT NEEDED FOR PRODUCTION. POOH WHILE STND BACK 144JTS 2-3/8" J-55 TBNG. L/D MILL & BIT SUB. RIH W/ 60JTS PRODUCTION TBNG + ROD PUMP BHA. SWIFN. SDFN. LOCK RAMS.
7/20/2015	7:00 - 7:15	0.25	MAINT	48		P		SAFETY = JSA.
	7:15 - 9:30	2.25	MAINT	31	I	P		SICP & SITP= 150#. BLOW DOWN WELL TO FLOWBACK TANK. CONT RIH W/ 2-3/8" J-55 TBNG + ROD PUMP BHA. LAND TBNG ON HANGER. R/D FLOOR & TBNG EQUIP. NDBOP. SET TAC IN 10,000# TENSION. NUWH. TBNG LANDED AS FOLLOWS:\n\nKB=25.00'\nHANGER= .83'\n143JTS 2-3/8" J-55 Y-BND TBG= 4519.95'\nAPI SN= 1.10'\n1JT 2-3/8" J-55 Y-BND TBG= 31.36'\n2-3/8" J-55 PERF SUB= 4.07'\nWF 4-1/2" TAC= 3.05\nNC W/ THRU PIN = .63'\nEOT @4585.99'\nSN @4545.78'\nTAC @4582.31'
	9:30 - 13:30	4.00	MAINT	39	B	P		MIRU HOT OILER. FLUSH TBNG W/ 25 BBLS HOT TMAC-SOLVENT. P/U INSERT PUMP. PRIME / STROKE TEST GOOD. RIH W/ INSERT PUMP & RODS. X/O BAD RODS & BAD ROD BOXES. TORQUE RODS AS PER TORQUE CARD. BEFORE SEATING PUMP, SPOT 10 GAL COMBO CHEM DOWN TBNG & FLUSH TO EOT. SEAT PUMP & PRESSURE TEST / STROKE TEST GOOD @ 1000#. HANG OFF RODS. R/U LUFKIN PHL. RDMOL. WELL ON LINE. PUMPER CONTACTED.\n\nROD STRING LANDED AS FOLLOWS:\n\n1-1/4" X 26' SPRAY METAL POLISHED ROD \n7/8" X 2' GRADE D SLK PONY\n7/8"X2' GRADE D SLK PONY\n7/8"X6' GRADE D SLK PONY \n7/8" X 8' GRADE D SLK PONY \n69) 7/8" GRADE D SLK SUCKER ROD W/ SLIM HOLE SOFT BOX CPLNG.\n100) 3/4" GRADE D SLK SUCKER ROD W/ SOFT BOX CPLNG.\n10) 1-1/4" GRADE D WEIGHT BARS \n7/8" X 2.50' GRADE D GUIDED STABALIZER BAR.\nRH RELEASE BACK-OFF TOOL. =.63'\n2 X 1-1/2" X 24' THD INSERT PUMP W/ SCREEN NIPPLE. RWAC. PUMP #4596. ALT BALLS & SEATS. 211" MAX STROKE.\n
	13:30 - 16:00	2.50	MAINT	30	C	P		RDMOL. ROAD RIG TO NBU 335-23E. SPOT IN RIG & EQUIP. SDFN.

US ROCKIES REGION

Operation Summary Report

Well: STATE 921-35C-GR [ORANGE]	Spud Conductor: 5/2/2011	Spud date: 5/2/2011	
Project: UTAH-UINTAH	Site: NBU 921-35C PAD		Rig name no.: MILES-GRAY 1/1
Event: WELL WORK EXPENSE	Start date: 8/4/2015		End date: 8/5/2015
Active datum: RKB @5,011.00usft (above Mean Sea Level)	UWI: NE/NW/0/9/S/21/E/35/0/0/26/PM/N/369/W/0/1594/0/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
8/4/2015	7:00 - 7:30	0.50	MAINT	48		P		HSM, MOVEING RIG & EQUIP
	7:30 - 11:30	4.00	MAINT	30	A	P		MIRU F/ NBU 920-12K, L/D HYD RAM.
	11:30 - 13:00	1.50	MAINT	39	A	P		PU ON RODS TBG ON VACUME SET DWN ON RODS FILL TBG W/ 9 BBLS TEST TO 500 OK TRY TO STROKE PUMP RODS NOT FALLING.PLUNGER STUCK IN PUMP,L/D POLISH ROD & PONYS.
	13:00 - 16:30	3.50	MAINT	39	B	P		POOH W/ RODS, L/D PUMP. PUMP WAS FULL OF OIL & SAND. RU CIRC WELL REV W/ 80 BBLS HOT WTR CIRC CLEAN SWI SDFN.
8/5/2015	7:00 - 7:30	0.50	MAINT	48		P		HSM TRIPPING RODS OUT OF ROD BASKET.
	7:30 - 8:00	0.50	MAINT	31	F	P		FLUSH TBG W/ 10 GALS COMBO CHEM & 40 BBLS T-MAC.
	8:00 - 12:00	4.00	MAINT	39	E	P		PU PRIME PUMP & RIH W/ PUMP & SAME RODS SEAT & SPACED OUT RODS FILL TBG STROKE TEST TO 500 PSI, STAND HYD RAM, STROKE UNIT OK. RDMOL. 26 x1/14 PR 2X2' 7/8 PONYS 1X6' 7/8 PONY 1X8' 7/8 PONY 69 X 3/4 SLICK RODS 100 X 7/8 SLICK RODS 10 X 1/1/4 WEIGHT BARS 7/8 STAB PONY RH RELEASE BACK OFF TOOL 2" X 11/2 X 24' RWAC PUMP ALT BALLS & SCREEN, # 4553

RECEIVED: Aug. 26, 2015

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: UO 01194 ST

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: MAVERICK

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: STATE 921-35C GR

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

9. API NUMBER: 43047515450000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779

PHONE NUMBER: 720 929-6100

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0369 FNL 1594 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 35 Township: 09.0S Range: 21.0E 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☑ SUBSEQUENT REPORT Date of Work Completion: 9/25/2015	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☑ OTHER	OTHER: PUMP FAILURE

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

A WORKOVER FOR PUMP FAILURE HAS BEEN COMPLETED ON THE STATE 921-35C GR, SEE THE ATTACHED OPERATIONS SUMMARY REPORT.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
October 20, 2015

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Doreen Green	435 781-9758	Regulatory Analyst II
SIGNATURE N/A		**DATE** 10/20/2015

RECEIVED: Oct. 20, 2015

US ROCKIES REGION

Operation Summary Report

Well: STATE 921-35C-GR [ORANGE]	Spud Conductor: 5/2/2011	Spud date: 5/2/2011	
Project: UTAH-UINTAH	Site: NBU 921-35C PAD		Rig name no.: MILES-GRAY 1/1
Event: WELL WORK EXPENSE	Start date: 9/23/2015		End date: 9/25/2015
Active datum: RKB @5,011.00usft (above Mean Sea Level)	UWI: NE/NW/0/9/S/21/E/35/0/0/26/PM/N/369/W/0/1594/0/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
9/23/2015	7:00 - 7:15	0.25	MAINT	48		P		SAFETY = JSA.
	7:15 - 9:00	1.75	MAINT	30	H	P		RDMO NBU 920-24P. ROAD RIG TO LOCATION.
	9:00 - 11:00	2.00	MAINT	30	A	P		MIRU. SPOT IN ALL EQUIP.
	11:00 - 13:30	2.50	MAINT	39	A	P		SITP= 10#. SICP= 310#. BLOW DOWN WELL TO PRODUCTION TANKS. R/D LUFKIN PHL. X/O TO ROD EQUIP. UN-SEAT PUMP. L/D 2) 7/8" RODS & PONIES. MIRU HOT OILER FLUSH ROD STRING W/ 30BBLS TMAC-SOLVENT SOLUTION. P/U RODS THAT WERE L/D. RE-SEAT PUMP. PRESSURE TEST TBNG GOOD @ 1000#. LOST 0# IN 10MIN.
	13:30 - 15:30	2.00	MAINT	39	E	P		POOH W/ ROD STRING & INSERT PUMP. INSERT PUMP WOULD NOT SCOPE IN. ROD WEAR LOOKED GOOD. WAIT ON FAILURE DETERMINATION FROM PUMP SHOP TO FIND REASON PUMP WAS LOCKED UP.
	15:30 - 17:00	1.50	MAINT	31	1	P		X/O TO TBNG EQUIP. NDWH. NUBOP. R/U FLOOR & TBNG EQUIP. UN-LAND TBNG. REMOVE HANGER. P/U & RIH W/ 1JT 2-3/8" J-55 TBNG. TAG FILL @ 4591' (EOT WAS LANDED @4586'. L/D 1JT TBNG. SWIFN. SDFN. LOCK RAMS.
9/24/2015	7:00 - 7:15	0.25	MAINT	48		P		SAFETY = JSA.

RECEIVED: Oct. 20, 2015

US ROCKIES REGION

Operation Summary Report

Well: STATE 921-35C-GR [ORANGE]	Spud Conductor: 5/2/2011	Spud date: 5/2/2011
Project: UTAH-UINTAH	Site: NBU 921-35C PAD	Rig name no.: MILES-GRAY 1/1
Event: WELL WORK EXPENSE	Start date: 9/23/2015	End date: 9/25/2015
Active datum: RKB @5,011.00usft (above Mean Sea Level)	UWI: NE/NW/0/9/S/21/E/35/0/0/26/PM/N/369/W/0/1594/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	7:15 - 16:00	8.75	MAINT	31	I	P		SICP & SITP= 50#. BLOW DOWN WELL TO FLOWBACK TANK. MIRU HOT OILER. FLUSH TBNG W/ 20BBLS HOT TMAC-SOLVENT. POOH W/ 144JTS 2-3/8" J-55 + ROD PUMP BHA + TAC. L/D TAC & ROD PUMP BHA. P/U & RIH W/ 2-3/8" N.C. +145JTS 2-3/8" J-55 TBNG. T/U ON SAND @4591'. BREAK REV CIRC W/ RIG PUMP. WASH DOWN FILL TO 4676' PBTD W/ 148JTS 2-3/8" J-55 TBNG. CIRC WELLBORE CLEAN (FRAC SAND IN RETURNS). L/D 6JTS TBNG NOT NEEDED FOR PRODUCTION. POOH WHILE STD BACK 142JTS. TIH W/ JOHNSON SCREEN, 4-1/2" TAC, API SN + 142JTS 2-3/8" J-55 Y-BND TBNG. LAND TBNG ON HAGNER. R/D FLOOR & TBNG EQUIP. NDBOP. UN-LAND TBNG. REMOVE HANGER SET TAC IN 10,000# TENSION. LAND TBG BACK ON HANGER. NUWH. PRODUCTION TBNG LANDED AS FOLLOWS: KB= 25.00' HANGER= .83' 142JTS 2-3/8" J-55 Y-BND TBG= 4488.51' API SN= 1.10' WF 4-1/2" TAC= 3.05 2-3/8" J0HNSON SCREEN= 30.12' 2-3/8" BULL PLUG= .63' EOT @4549.24' SN @4514.34' TAC @4515.44'
	16:00 - 18:30	2.50	MAINT	39	E	P		X/O TO ROD EQUIP. P/U INSERT PUMP. PRIME / STROKE TEST GOOD. TIH W/ INSERT PUMP & ROD STRING. SPACE OUT RODS. SEAT & STROKE TEST PUMP GOOD @ 1000#. SWIFN. SDFN. ROD STRING INSTALLED AS FOLLOWS: 1-1/4" X 26' SPRAY METAL POLISHED ROD 7/8" X 2' GRADE D SLK PONY 7/8" X 2' GRADE D SLK PONY 7/8" X 8' GRADE D SLK PONY 68) 7/8" GRADE D SLK SUCKER ROD W/ SLIM HOLE SOFT BOX CPLNG. 100) 3/4" GRADE D SLK SUCKER ROD W/ SOFT BOX CPLNG. 10) 1-1/4" GRADE D WEIGHT BARS 7/8" X 2.50' GRADE D GUIDED STABALIZER BAR. RH RELEASE BACK-OFF TOOL. =.63' 2 X 1-1/2" X 24' THD INSERT PUMP W/ SCREEN NIPPLE. RWAC. PUMP #4572. ALT BALLS & SEATS. 211" MAX STROKE.
9/25/2015	7:00 - 7:15	0.25	MAINT	48		P		SAFETY = JSA.

US ROCKIES REGION

Operation Summary Report

Well: STATE 921-35C-GR [ORANGE]	Spud Conductor: 5/2/2011	Spud date: 5/2/2011	
Project: UTAH-UINTAH	Site: NBU 921-35C PAD		Rig name no.: MILES-GRAY 1/1
Event: WELL WORK EXPENSE	Start date: 9/23/2015		End date: 9/25/2015
Active datum: RKB @5,011.00usft (above Mean Sea Level)	UWI: NE/NW/0/9/S/21/E/35/0/0/26/PM/N/369/W/0/1594/0/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	7:15 - 9:00	1.75	MAINT	30		P		R/U LUFKIN PHL. BRING WELL ON LINE. RDMOL.

RECEIVED: Oct. 20, 2015