(October 1990)

## **UNITED STATES DEPARTMENT OF THE INTERIOR**

**BUREAU OF LAND MANAGEMENT** 

SUBMIT IN DUPLICATE\*

(See other In-structions on reverse side)

FOR APPROVED OMB NO 1004-0137

Expires December 31, 1991 5 LEASE DESIGNATION AND SERIAL NO.

^	F۰	^	^	^	^	-		
•		1 3	×		n	/ 1	- 4	Δ.

1a. TYPE OF WELL  b TYPE OF COMPLETION.  NEW WELL X WORK OVER DEEP PLUG BACK RESVR Other RESVR OTHER  2. NAME OF OPERATOR  Burlington Resource's Oil & Gas Company  3 ADDRESS AND TELEPHONE NO.  PO BOX 4289, Farmington, NM 87499 (505) 326-9700  At Surface Unit C(NE/NW), 910'FNL & 1870'FWL  At total depth Unit K(NE/SW), 2611'FSL & 1810' FWL  DIST. 3  Other San Juan 27-4 Unit 28  San Juan 27	C VEY		
TYPE OF COMPLETION.  NEW X WORK OVER DEEP DIJECT OTHER RESVR OTHER	C VEY		
2. NAME OF OPERATOR  Burlington Resource's Oil & Gas Company  3 ADDRESS AND TELEPHONE NO.  PO BOX 4289, Farmington, NM 87499 (505) 326-9700  At surface  Unit C(NE/NW), 910'FNL & 1870'FWL  At top prod. interval reported below  Unit K(NE/SW), 2611'FSL & 1810' FWL  San Juan 27-4 Unit 28  9. API WELL NO  10 FIELD AND POOL, OR WILDCAT  Blanco Mesa Verde  11 SEC., T, R, M, OR BLOCK AND SUR'  OR AREA  RCUD ALG 5 'C  SEC 11, T27N, R4W  At total depth  Unit K(NE/SW), 2611'FSL & 1810' FWL  DIL CONS. DI	VEY		
San Juan 27-4 Unit 28  2. NAME OF OPERATOR  Burlington Resource's Oil & Gas Company  3 ADDRESS AND TELEPHONE NO.  PO BOX 4289, Farmington, NM 87499 (505) 326-9700  4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*  At surface  Unit C(NE/NW), 910'FNL & 1870'FWL  At top prod. interval reported below  Unit K(NE/SW), 2611'FSL & 1810' FWL  San Juan 27-4 Unit 28  9. API WELL NO  9. API WELL NO  10 FIELD AND POOL, OR WILDCAT  Blanco Mesa Verde  11 SEC., T., R., M., OR BLOCK AND SUR'  OR AREA  PCUD ALG 5 'C  SEC 11, T27N, R4W  At total depth  Unit K(NE/SW), 2611'FSL & 1810' FWL  DIL CONS. DI	VEY		
2. NAME OF OPERATOR  Burlington Resource's Oil & Gas Company  3 ADDRESS AND TELEPHONE NO.  PO BOX 4289, Farmington, NM 87499 (505) 326-9700  At surface  Unit C(NE/NW), 910'FNL & 1870'FWL  At top prod. interval reported below  Unit K(NE/SW), 2611'FSL & 1810' FWL  9. API WELL NO  30-039-30589 —  10 FIELD AND POOL, OR WILDCAT  Blanco Mesa Verde  11 SEC., T. R., M., OR BLOCK AND SUR'  OR AREA  P(U) ALG 5 'C  SEC 11, T27N, R4W  DIL CONS. DIV	VEY		
Burlington Resource's Oil & Gas Company  3 ADDRESS AND TELEPHONE NO.  PO BOX 4289, Farmington, NM 87499 (505) 326-9700  4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*  At surface  Unit C(NE/NW), 910'FNL & 1870'FWL  At top prod. interval reported below  Unit K(NE/SW), 2611'FSL & 1810' FWL  30-039-30589  Equipment 1	VEY		
3 ADDRESS AND TELEPHONE NO.  PO BOX 4289, Farmington, NM 87499 (505) 326-9700  4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*  At surface  Unit C(NE/NW), 910'FNL & 1870'FWL  At top prod. interval reported below  Unit K(NE/SW), 2611'FSL & 1810' FWL  DIL CONS. DIV	VEY		
At surface Unit C(NE/NW), 910'FNL & 1870'FWL  At top prod. interval reported below Unit K(NE/SW), 2611'FSL & 1810' FWL  At total depth Unit K(NE/SW), 2611'FSL & 1810' FWL  OR AREA  PCUD BLIG 5 '4  SEC 11, T27N, R4W  OIL CONS. DE			
At surface Unit C(NE/NW), 910'FNL & 1870'FWL  At top prod. interval reported below Unit K(NE/SW), 2611'FSL & 1810' FWL  At total depth Unit K(NE/SW), 2611'FSL & 1810' FWL  OR AREA  PCUD BLIG 5 '4  SEC 11, T27N, R4W  OIL CONS. DE			
At top prod. interval reported below Unit K(NE/SW), 2611'FSL & 1810' FWL SEC 11, T27N, R4W  At total depth Unit K(NE/SW), 2611'FSL & 1810' FWL UIL CONS. DI			
At total depth Unit K(NE/SW), 2611'FSL & 1810' FWL OIL CONS. DI	JI. II.		
At total depth Unit K(NE/SW), 2611'FSL & 1810' FWL OIL CONS. DI			
	F 2		
14. PERMIT NO. DATE ISSUED 12 COUNTY OR 13. STATE			
PARISH			
15. DATE SPUDDED 16 DATE T D. REACHED 17 DATE COMPL (Ready to prod.) 18 ELEVATIONS (DF, RKB, RT, BR, ETC.)* 19 ELEV. CASIN			
04/19/2009 04/30/2009 07/23/2009 GL 7156'/KB 7171'			
20 TOTAL DEPTH, MD &TVD 21 PLUG, BACK T D , MD &TVD 22. IF MULTIPLE COMPL , 23 INTERVALS ROTARY TOOLS CABLE TOOLS HOW MANY DRILLED BY			
MD 7171'/TVD 6733' MD 7168' / TVD 6730' yes			
24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  25. WAS DIRECTIONAL			
Blanco Mesa Verde 6068'-6920' } SURVEY MADE			
26 TYPE ELECTRIC AND OTHER LOGS RUN 27 WAS WELL CORED			
GR/CCL/CBL No			
28 CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE         WEIGHT, LB /FT         DEPTH SET (MD)         HOLE SIZE         TOP OF CEMENT, CEMENTING RECORD         AMOUNT PULLED           9 5/8"/H-40         32.3#         209'         12 1/4"         surf. 185sx(237cf-42bbl)         20bbls			
7"/J-55 23# 4732' 8 3/4" ST@3896'/736sx(1506cf-267bbi) 39bbis			
4 1/2"/J-55/L-80 11.6# 7169' 6 1/4" TOC 2664'/180sx(364cf-65bbl)	obl)		
29         LINER RECORD         30         TUBING RECORD           SIZE         TOP (MD)         BOTTOM (MD)         SACKS CEMENT*         SCREEN (MD)         SIZE         DEPTH SET (MD)         PACKER SET (MD)			
SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD)			
2 3/8" 6894'			
2 3/8" 6894'			
2 3/8" 6894'  31 PERFORATION RECORD (Interval, size and number)  32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
2 3/8" 6894'  31 PERFORATION RECORD (Interval, size and number)  32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  Blanco Mesa Verde Perfs  6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1	02,315lbs		
2 3/8" 6894'  31 PERFORATION RECORD (Interval, size and number)  32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
2 3/8" 6894'  31 PERFORATION RECORD (Interval, size and number)  32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  Blanco Mesa Verde Perfs  6470'-6920' Acidize w/10bbls 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,222,200SCF.  9 1 SPF= 6470'-6920' = 25 Holes.  Menefee/Cliffhouse w/.34" diam.  20/40 AZ Sand. N2:1,274,500SCF.			
2 3/8" 6894'  31 PERFORATION RECORD (Interval, size and number)  32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  Blanco Mesa Verde Perfs  6470'-6920' Acidize w/10bbls 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,222,200SCF.  9 1 SPF= 6470'-6920' = 25 Holes.  6068'-6400' Acidize w/10bbls 15% HCL, Frac w/ 50,652 gals 60% Slick N2 Foam, v			
2 3/8" 6894'  31 PERFORATION RECORD (Interval, size and number)  32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  Blanco Mesa Verde Perfs Point Lookout w/.34" diam.  © 1 SPF= 6470'-6920'			
2 3/8" 6894'  31 PERFORATION RECORD (Interval, size and number)  32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  Blanco Mesa Verde Perfs Point Lookout w/.34" diam.  © 1 SPF= 6470'-6920' 25 Holes.  © 1 SPF= 6068'-6400' 40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6068'-6400' 50 Acidize w/10bbls 15% HCL, Frac w/50,652 gals 60% Slick N2 Foam, v Menetee/Cliffhouse w/.34" diam.  © 1 SPF= 6068'-6400' 20/40 AZ Sand. N2:1,274,500SCF.	v/97,765lbs		
2 3/8" 6894'  31 PERFORATION RECORD (Interval, size and number)  32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  Blanco Mesa Verde Perfs  6470'-6920' Acidize w/10bbls 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6470'-6920' = 25 Holes.  © 1 SPF= 6470'-6920' = 25 Holes.  Menefee/Cliffhouse w/.34" diam.  © 1 SPF = 6068'-6400' Acidize w/10bbls 15% HCL, Frac w/ 50,652 gals 60% Slick N2 Foam, v 20/40 AZ Sand. N2:1,274,500SCF.  © 1 SPF = 6068'-6400' = 25 Holes.  © 1 SPF = 6068'-6400' = 25 Holes.  PRODUCTION  PRODUCTION  PRODUCTION  PRODUCTION METHOD (Flowing, gas lift, pumpingsize and type of pump)  WELL STATUS (Producing or shut-lin) SI	v/97,765lbs		
2 3/8" 6894'  31 PERFORATION RECORD (Interval, size and number)  32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  Blanco Mesa Verde Perfs 6470'-6920' Acidize w/10bbls 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6470'-6920' = 25 Holes. 6068'-6400' Acidize w/10bbls 15% HCL, Frac w/50,652 gals 60% Slick N2 Foam, v Menefee/Cliffhouse w/.34" diam. 20/40 AZ Sand. N2:1,274,500SCF.  © 1 SPF = 6068'-6400' = 25 Holes.  33  PRODUCTION DATE FIRST PRODUCTION N/A  FLOWING DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N FOR OIL-BBL GAS-MCF WATER-BBL GAS-OIL RATIO	v/97,765lbs		
2 3/8"  6894'  31 PERFORATION RECORD (Interval, size and number)  32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  Blanco Mesa Verde Perfs  6470'-6920'  Acidize w/10bbls 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6470'-6920' = 25 Holes.  © 1 SPF= 6470'-6920' = 25 Holes.  Menefee/Cliffhouse w/.34" diam.  © 1 SPF= 6068'-6400'  SI  PRODUCTION  PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)  N/A  FLOWING  DATE OF TEST  HOURS TESTED  CHOKE SIZE  PROD'N FOR TEST PERIOD  CHOKE SIZE  PROD'N FOR TEST PERIOD  GAS-MCF  WATER-BBL  GAS-OIL RATIO	v/97,765lbs		
2 3/8" 6894'  31 PERFORATION RECORD (Interval, size and number)  32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  Blanco Mesa Verde Perfs Point Lookout w/.34" diam.  © 1 SPF= 6470'-6920'	v/97,765lb8		
2 3/8" 6894'  31 PERFORATION RECORD (Interval, size and number)  32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  Blanco Mesa Verde Perfs  6470'-6920' Acidize w/10bbls 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6470'-6920' 2 = 25 Holes.  © 1 SPF= 6470'-6920' Acidize w/10bbls 15% HCL, Frac w/ 50,652 gals 60% Slick N2 Foam, w/1 of 20/40 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize w/10bbls 15% HCL, Frac w/ 50,652 gals 60% Slick N2 Foam, w/2 20/40 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize w/10bbls 15% HCL, Frac w/ 50,652 gals 60% Slick N2 Foam, w/2 20/40 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize w/10bbls 15% HCL, Frac w/ 50,652 gals 60% Slick N2 Foam, w/2 20/40 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize w/10bbls 15% HCL, Frac w/ 50,652 gals 60% Slick N2 Foam, w/2 20/40 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize w/10bbls 15% HCL, Frac w/ 50,652 gals 60% Slick N2 Foam, w/2 20/40 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize w/10bbls 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbls 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbls 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbls 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbls 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbls 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbls 15% HCL, Frac w/49,686gals 60% Slick N2, w/1 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbls 15% HCL, Frac w/49,686gals 60% Slick N2, w/1 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbls 15% HCL, Frac w/49,6	v/97,765lb8		
2 3/8"  6894'  31 PERFORATION RECORD (Interval, size and number)  32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  Blanco Mesa Verde Perfs Point Lookout w/.34" diam.  © 1 SPF= 6470'-6920' = 25 Holes.  © 1 SPF= 6470'-6920' = 25 Holes.  © 1 SPF= 6470'-6920' = 25 Holes.  © 1 SPF= 668'-6400' Acidize w/10bbls 15% HCL, Frac w/49,686gals 60% Slick N2 Foam, v 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 668'-6400' = 25 Holes.  © 1 SPF= 668'-6400' = 25 Holes.  PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumpingsize and type of pump) SI DATE FIRST PRODUCTION N/A FLOWING DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N FOR OIL-BBL GASMCF WATERBBL GAS-OIL RATIO TEST PERIOD O7/23/2009 1 1/2" 0 52mcf/h 1.5bw/h FLOW TUBING PRESS. CASING PRESSURE CALCULATED OIL-BBL GASMCF WATERBBL OIL GRAVITY-API	v/97,765lb8		
2 3/8" 6894'  31 PERFORATION RECORD (Interval, size and number)  32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  Blanco Mesa Verde Perfs Point Lookout w/.34" diam.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6470'-6920' = 25 Holes.  Menefee/Cliffhouse w/.34" diam.  © 1 SPF= 6068'-6400' Acidize w/10bbis 15% HCL, Frac w/ 50,652 gals 60% Slick N2 Foam, w/20/40 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize w/10bbis 15% HCL, Frac w/ 50,652 gals 60% Slick N2 Foam, w/20/40 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize w/10bbis 15% HCL, Frac w/ 50,652 gals 60% Slick N2 Foam, w/20/40 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize w/10bbis 15% HCL, Frac w/ 50,652 gals 60% Slick N2 Foam, w/20/40 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize w/10bbis 15% HCL, Frac w/ 50,652 gals 60% Slick N2 Foam, w/20/40 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize w/10bbis 15% HCL, Frac w/50,652 gals 60% Slick N2 Foam, w/20/40 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize w/10bbis 15% HCL, Frac w/50,652 gals 60% Slick N2 Foam, w/20/40 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize w/10bbis 15% HCL, Frac w/50,652 gals 60% Slick N2 Foam, w/20/40 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize w/10bbis 15% HCL, Frac w/50,652 gals 60% Slick N2 Foam, w/20/40 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize w/10bbis 15% HCL, Frac w/50,652 gals 60% Slick N2 Foam, w/20/40 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize w/10bbis 15% HCL, Frac w/50,652 gals 60% Slick N2 Foam, w/20/40 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize w/10bbis 15% HCL, Frac w/50,652 gals 60% Slick N2 Foam, w/20/40 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize w/10bbis 15% HCL, Frac w/50,652 gals 60% Slick N2 Foam, w/20/40 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize w/10bbis 15% HCL, Frac w/50,652 gals 60% Slick N2 Foam, w/20/40 AZ Sand. N2:1,274,500SCF.  © 1 S	v/97,765lb8		
2 3/8" 6894'  31 PERFORATION RECORD (Interval, size and number)  32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  Blanco Mesa Verde Perfs  Point Lookout w/,34" diam.  © 1 SPF= 6470'-6920' Acidize w/10bbls 15% HCL Acid. Frac w/49,886gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6470'-6920' = 25 Holes.  Menefee/Cliffhouse w/,34" diam.  © 1 SPF= 6068'-6400' Acidize w/10bbls 15% HCL, Frac w/ 50,652 gals 60% Slick N2 Foam, v. 20/40 AZ Sand. N2:1,274,500SCF.  PRODUCTION  O  PRODUCTION  O  SI  GAS-MCF  WATER-BBL  OIL GRAVITY-API  TEST PERIOD  OIL -BBL  GAS-MCF  WATER-BBL  OIL GRAVITY-API  SI-490psi  SI-662psi  O  1254mcf/d  36bw/d  TEST WITNESSED BY	v/97,765lb8		
2 3/8" 6894'  31 PERFORATION RECORD (Interval, size and number)  32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  Blanco Mesa Verde Perts  Point Lookout w/,34" diam.  © 1 SPF= 6470'-6920' = 25 Holes.  Menetee/Cliffhouse w/,34" diam.  © 1 SPF = 6068'-6400' = 25 Holes.  Menetee/Cliffhouse w/,34" diam.  © 1 SPF = 6068'-6400' = 25 Holes.  Menetee/Cliffhouse w/,34" diam.  © 1 SPF = 6068'-6400' = 25 Holes.  33 PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)  N/A FLOWING  DATE FIRST PRODUCTION  PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)  N/A FLOWING  DATE OF TEST HOURS TESTED CHOKE Size PRODN FOR OIL-BBL GAS-MCF WATER-BBL GAS-OIL RATIO  1 1/2"	v/97,765lb8		
2 3/8" 6894'  31 PERFORATION RECORD (Interval, size and number)  32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  Blanco Mesa Verde Perfs 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,886gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,886gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,886gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,886gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,886gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,224,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,886gals 60% Slick N2 Foam, w/10 acidize w/10bbis 15% HCL Acid. Frac w/49,886gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,224,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,886gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,224,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,886gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,224,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,886gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,224,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,886gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,224,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,886gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,224,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,886gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,224,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,886gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,224,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,886gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,224,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,886gals 60% Slick N2 of 20/40 AZ Sand. N2:1,224	v/97,765lbs		
2 3/8" 6894'  31 PERFORATION RECORD (Interval, size and number)  32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  Blanco Mesa Verde Perfs  6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,224,500SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,224,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,224,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,224,200SCF.  © 1 SPF= 6470'-6920' Acidize w/10bbis 15% HCL Acid. Frac	v/97,765lb8		
2 3/8" 6894'  31 PERFORATION RECORD (Interval, size and number)  32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  Blanco Mesa Verde Perfs Point Lookout wt, 34" diam.  © 1 SPF= 6470'-6920' 25 Holes.  Menefee/Cliffhouse wt, 34" diam.  © 1 SPF= 6470'-6920' 25 Holes.  Menefee/Cliffhouse wt, 34" diam.  © 1 SPF= 6468'-6400' Acidize wt10bbls 15% HCL, Frac wt39,886gals 60% Slick N2, wt7 of 2040 AZ Sand. N2:1,222,200SCF.  © 1 SPF= 6068'-6400' Acidize wt10bbls 15% HCL, Frac wt39,886gals 60% Slick N2 Foam, vt7 of 2040 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize wt10bbls 15% HCL, Frac wt39,886gals 60% Slick N2 Foam, vt7 of 2040 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize wt10bbls 15% HCL, Frac wt39,886gals 60% Slick N2 Foam, vt7 of 2040 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize wt10bbls 15% HCL, Frac wt39,886gals 60% Slick N2, wt7 of 2040 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize wt10bbls 15% HCL, Frac wt39,886gals 60% Slick N2, wt7 of 2040 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize wt10bbls 15% HCL, Frac wt39,886gals 60% Slick N2, wt7 of 2040 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize wt10bbls 15% HCL, Frac wt39,886gals 60% Slick N2, wt7 of 2040 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize wt10bbls 15% HCL, Frac wt39,886gals 60% Slick N2, wt7 of 2040 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize wt10bbls 15% HCL, Frac wt39,886gals 60% Slick N2, wt7 of 2040 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize wt10bbls 15% HCL frac wt39,886gals 60% Slick N2, wt7 of 2040 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize wt10bbls 15% HCL frac wt39,886gals 60% Slick N2, wt7 of 2040 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize wt10bbls 15% HCL frac wt39,886gals 60% Slick N2, wt7 of 2040 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize wt10bbls 15% HCL frac wt39,886gals 60% Slick N2, wt7 of 2040 AZ Sand. N2:1,274,500SCF.  © 1 SPF= 6068'-6400' Acidize wt10bls 15% HCL frac wt39,886gals 60% Slick N2, wt7 of 2	(CORR)		
2 3/8" 6894'  31 PERFORATION RECORD (Interval, size and number)  32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  Blanco Mesa Verde Perfs 6470'-6920' Acidize w/10bbls 15% HCL Acid. Frac w/49,686gals 60% Slick N2, w/1 of 20/40 AZ Sand. N2:1,222,200SCF.  (P 1 SPF= 6470'-6920' 2 5 Holes. (P 1 SPF= 6470'-6920' 3 Acidize w/10bbls 15% HCL, Frac w/50,652 gals 60% Slick N2 Foam, v 20/40 AZ Sand. N2:1,274,500SCF.  (P 1 SPF= 6068'-6400' 3 Acidize w/10bbls 15% HCL, Frac w/50,652 gals 60% Slick N2 Foam, v 20/40 AZ Sand. N2:1,274,500SCF.  (P 1 SPF= 6068'-6400' 3 Acidize w/10bbls 15% HCL, Frac w/50,652 gals 60% Slick N2 Foam, v 20/40 AZ Sand. N2:1,274,500SCF.  (P 1 SPF= 6068'-6400' 3 Acidize w/10bbls 15% HCL, Frac w/50,652 gals 60% Slick N2 Foam, v 20/40 AZ Sand. N2:1,274,500SCF.  (P 1 SPF= 6068'-6400' 3 Acidize w/10bbls 15% HCL, Frac w/50,652 gals 60% Slick N2 Foam, v 20/40 AZ Sand. N2:1,274,500SCF.  (P 1 SPF= 6068'-6400' Acidize w/10bbls 15% HCL, Acid. Frac w/49,686gals 60% Slick N2, w/10bls 15% HCL, Frac w/50,652 gals 60% Slick N2 Foam, v 20/40 AZ Sand. N2:1,274,500SCF.  (P 1 SPF= 6068'-6400' Acidize w/10bbls 15% HCL, Acid. Frac w/49,686gals 60% Slick N2, w/10bls 15% HCL, Frac w/50,652 gals 60% Slick N2 Foam, v 20/40 AZ Sand. N2:1,274,500SCF.  (P 1 SPF= 6068'-6400' Acidize w/10bbls 15% HCL, Acid. Frac w/49,686gals 60% Slick N2, w/10bls 15% HCL, Frac w/50,652 gals 60% Slick N2, w/10bls 15% HCL, Frac w/50,652 gals 60% Slick N2, w/10bls 15% HCL, Frac w/50,652 gals 60% Slick N2, w/10bls 15% HCL, Frac w/50,652 gals 60% Slick N2, w/10bls 15% HCL, Frac w/50,652 gals 60% Slick N2, w/10bls 15% HCL, Frac w/50,652 gals 60% Slick N2, w/10bls 15% HCL, Frac w/50,652 gals 60% Slick N2, w/10bls 15% HCL, Frac w/50,652 gals 60% Slick N2, w/10bls 15% HCL, Frac w/50,652 gals 60% Slick N2, w/10bls 15% HCL, Frac w/50,652 gals 60% Slick N2, w/10bls 15% HCL, Frac w/50,652 gals 60% Slick N2, w/10bls 15% HCL, Frac w/50,652 gals 60% Slick N2, w/10bls 15% HCL, Frac w/50,652 gals 60% Slick N2, w/10bls 15% HCL, Frac w/50,652 gals 60% Slick N2, w/10bls	(CORR)		

API # 30-039-30589			San Juan 27-4 Unit 28C		•	
Ojo Alamo	3903'		White, cr-gr ss.		Ojo Alamo	3903'
Kirtland	4037'	4246'	Gry sh interbedded w/tight, gry, fine-gr ss.	1	Kirtland	4037'
Fruitland	4246'	4474'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.		Fruitland	4246'
Pictured Cliffs	4474'	4699'	Bn-Gry, fine grn, tight ss.		Pic.Cliffs	4474'
Lewis	4699'	5054'	Shale w/siltstone stringers		Lewis	4699
Huerfanito Bentonite	5054'	5443'	White, waxy chalky bentonite		Huerfanito Bent.	5054'
Chacra	5443'	6065'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	7	Chacra	5443'
Mesa Verde	6065'	6318'	Light gry, med-fine gr ss, carb sh & coal	-77	Mesa Verde	6065'
Menefee	6318'	6616'	Med-dark gry, fine gr ss, carb sh & coal		Menefee	6318'
Point Lookout	6616'	7097'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation		Point Lookout	6616'
Mancos	7097'	,	Dark gry carb sh.	e.	Mancos	7097'
Gallup		'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	A.	Gallup	1
Greenhorn		'	Highly calc gry sh w/thin Imst.		Greenhorn	f
Graneros		,	Dk gry shale, fossil & carb w/pyrite incl.	2	Graneros	1
Dakota		'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks		Dakota	1
Morrison		•	Interbed grn, brn & red waxy sh & fine to coarse grn ss	14	Morrison	ī

.1\*

PC