

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. BIA 360	
1b. TYPE OF WELL NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
2. NAME OF OPERATOR DJR Operating, LLC		7. UNIT AGREEMENT NAME Farmington Field Office	
3. ADDRESS AND TELEPHONE NO. 1 Road 3263 Aztec, NM 87410-9521		8. FARM OR LEASE NAME, WELL NO. N/A	
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.) At Surface 1972' FSL x 2055' FEL At top prod. Interval reported below At total depth 660' FSL X 1980' FWL		9. API WELL NO. 30-043-21186	
14. PERMIT NO.		10. FIELD AND POOL OR WILDCAT Lindrith Gallup Dakota West	
15. DATE SPUDDED 12-21-14		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Surface: "J" Sec.11-T22N-R3W	
16. DATE T.D. REACHED 1-1-15		12. COUNTY OR PARISH JUN 04 2018	
17. DATE COMPL. (Ready to prod.) 5-14-18		13. STATE NM	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 7196' GR		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD MD 7428' TVD 7783'		21. PLUG BACK T.D., MD & TVD MD TVD	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* Dakota (7178' - 7282')		25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Spectral Density, high Resolution Induction Log, CBL LOG		27. WAS WELL CORED	

23. 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
8 5/8" J-55	24#	570'	12 1/4"	417 sks to surface	25 bbls
5 1/2" J-55	17#	7827'	7 7/8"	913 sks to surface	95 bbls
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	PACKER SET (MD)
				2 3/8"	4.7 J-55 7130'
31. PERFORATION RECORD (Interval, size and number)					
INTERVAL	SIZE	NUMBER	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
7178'-7198'	.46	80	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	
7270'-7282'	.46	48	7178'-7282'	ACID: 5500 gal of HCL Double Inhibited w/additive	
				FRAC: Pumped 2,747,144 MCSF of N2 followed by	
				1314 gals of 17CP TQO foam.	
				Pumped 147,720 lbs of ResinSand	

33.* PRODUCTION							
DATE FIRST PRODUCTION 5-11-18		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Flowing				L STATUS (Producing or shut in) Producing	
DATE OF TEST 5-28-18	HOURS TESTED 24	CHOKE SIZE 32/64"	PROD'N. FOI TEST PERIOD	OIL--BBLs. 41	GAS--MCF. 41	WATER--BBL. 17	GAS-OIL RATIO
FLOW. TUBING PRESS 122	CASING PRESS 800	CALCULATE 24-HOUR RA	OIL--BBL. 41	GAS--MCF. 41	WATER--BBL. 17	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold						TEST WITNESSED BY	

35. LIST OF ATTACHMENTS Acid/Frac Reports Directional Survey			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED Amy Archuleta	TITLE Regulatory	DATE 5/30/2018	

*(See Instructions and Spaces for Additional Data on Reverse Side)

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

NMOCDA

37. SUMMARY OF POROUS ZONES: (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);

38. **G**

ECOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
San Jose	Surface					
Nacimiento	1121'					
Kirtland	2460'					
Fruitland	2602'					
Pictured Ciffs	2747'					
Lewis	2842'					
Chacra	3214'					
Mesa Verde	4400'					
Mancos	5145'					
Gallup	5881'					
Dakota	7173'					

Treatment Report



Basic Energy Services
801 Cherry Street, Suite 2100, Unit #21
Fort Worth, TX 76102

Date	Stage #	Sales Order #
5/8/18	1	85294-1

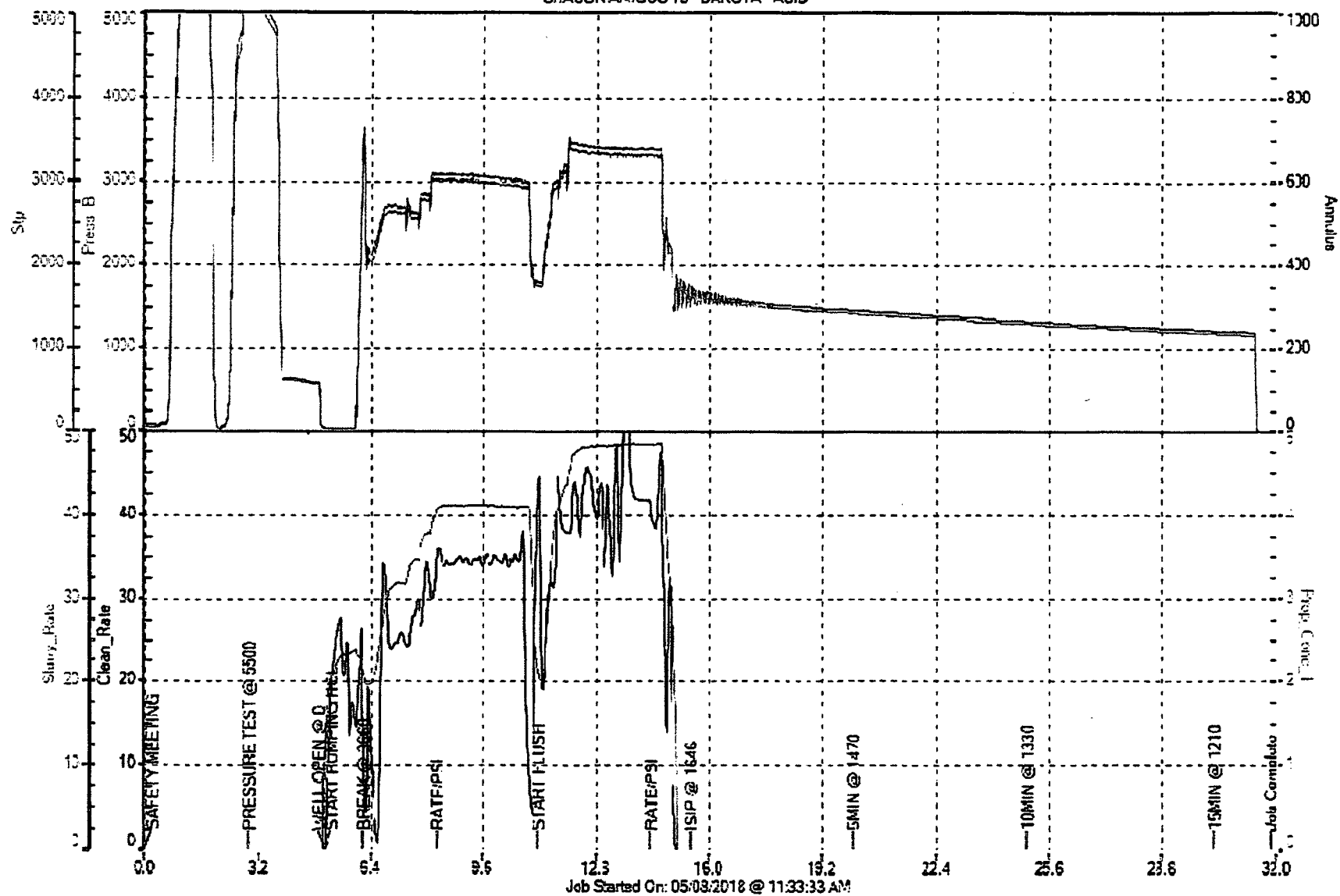
Customer and Well Information							
Customer							
DJR OPERATING LLC							
Well Name		County	State	Legal Desc			
CHACON AMIGOS 18		SANDOVAL	New Mexico	SEC 11 - T22N - R3W			
Formation				Type of Service			
DAKOTA				ACID			
Well Type		Well Age	Packer Type	Packer Depth	Treat Via	Max Pressure	
OIL	REWORK				CASING	Tubing	Casing BHT (°F)
Pipe Data		Perforations					
Tubing Size	Casing Size	Perf Top Depth (ft)	Perf Bot Depth (ft)	Perfs			
	5.500	7178	7282				
Tubing Depth	Casing Depth						
Tubing Vol	Casing Vol						
Tubing Grade	Casing Grade						
Tubing Weight	Casing Weight						
Liner Size	Liner Top						
Liner Depth	Liner Bottom						
Open Hole	Total Depth						
			Total Perfs	0			
Products Used							
7.5%HCL, AI210, IC100, CLAYBLOK 35, PLEXSOLV, SURFACTANT FLUID PROVIDED BY CUSTOMER							
Notes							
SAFETY MEETING/PRESSURE TEST @ 5500 FG @ .66 ISIP @ 1646 5MIN @ 1470 10MIN @ 1330 15MIN @ 1210							



Remarks and Primary Data								
Time	Remarks	Pressure		Rate		Slurry	Clean	Prop
		STP	ANN	Slurry	N2	(bbl)	(bbl)	(lb)
11:33	SAFETY MEETING	70	-3857	0.0	0	0.0	0.0	0
12:03	PRESSURE TEST @ 5500	5508	-3857	0.0	0	0.0	0.0	0
12:05	WELL OPEN @ 0	29	0	11.3	0	0.0	0.0	0
12:05	START PUMPING HCL	29	0	13.8	0	140.0	140.0	0
12:06	BREAK @ 3660	3664	0	21.3	0	0.0	0.0	0
12:08	RATE/PSI	3090	0	40.8	0	0.0	0.0	0
12:11	START FLUSH	1803	0	21.5	0	171.0	171.0	0
12:14	RATE/PSI	3403	0	48.3	0	0.0	0.0	0
12:15	ISIP @ 1646	1756	0	0.0	0	0.0	0.0	0
12:20	5MIN @ 1470	1466	0	0.0	0	0.0	0.0	0
12:25	10MIN @ 1330	1334	0	0.0	0	0.0	0.0	0
12:30	15MIN @ 1210	1212	0	0.0	0	0.0	0.0	0
12:31	Job Complete	0	0	0.0	0	0.0	0.0	0
					Total	311.0	311.0	0
Summary								
Max Sly Rate	Avg Sly Rate	Max N2 Rate	Avg N2 Rate	Max PSI	Avg Psi	Avg Ann Psi		
48.5	37.2	0	0	3664	2650	0		
Slurry (bbl)	Clean (bbl)	Prop (lb)	Clean (gal)	Pump Time				
311.0	311.0	6	13062.0	32				
Customer Authorized Representative				Treater/Service Supervisor				
Leonard				Jeremie Teter				
X				X				
Service Rating: _____ Satisfactory				_____ Unsatisfactory				



DJR OPERATING LLC
CHACON ANIGOS 18 - DAKOTA - ACID





Basic Energy Services
801 Cherry Street, Suite 2100, Unit #21
Fort Worth, TX 76102

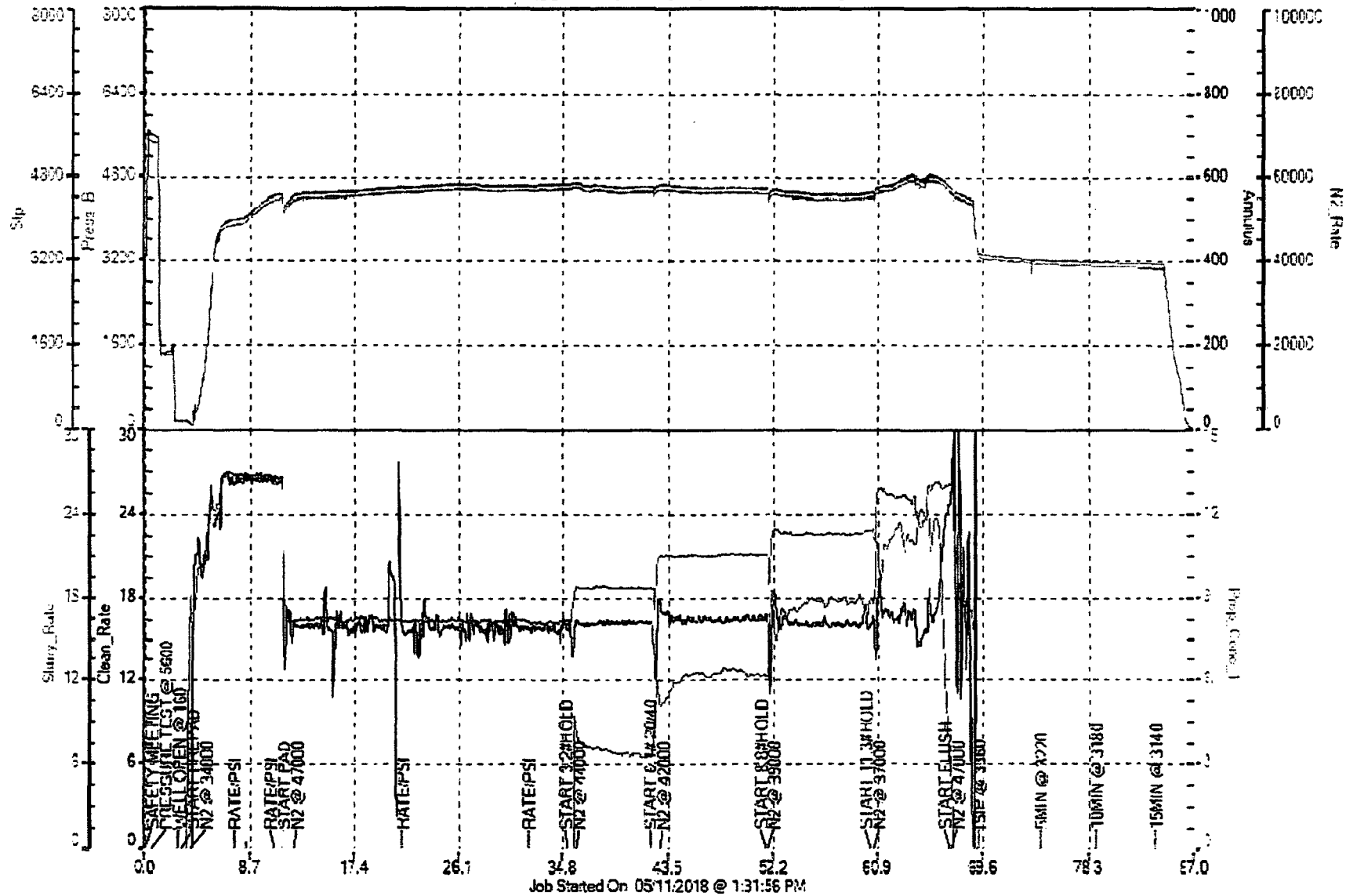
Date	Stage #	Sales Order #
5/11/18	1	85294-2

Customer and Well Information							
Customer							
DJR OPERATING LLC							
Well Name		County	State	Legal Desc			
CHACON AMIGOS 18		SANDOVAL	New Mexico	SEC 11 - T22N - R3W			
Formation				Type of Service			
DAKOTA				N2 FOAM FRAC			
						Max Pressure	
Well Type	Well Age	Packer Type	Packer Depth	Treat Via	Tubing	Casing	BHT (°F)
				CASING		5000	
Pipe Data		Perforations					
Tubing Size	Casing Size	Perf Top Depth (ft)	Perf Bot Depth (ft)	Perfs			
	5.500	7178	7282				
Tubing Depth	Casing Depth						
Tubing Vol	Casing Vol						
Tubing Grade	Casing Grade						
Tubing Weight	Casing Weight						
Liner Size	Liner Top						
Liner Depth	Liner Bottom						
Open Hole	Total Depth						
			Total Perfs	0			
Products Used							
FOAMER, CLAY, XLINK, SURFACTANT, GEL3							
FLUID PROVIDED BY CUSTOMER							
149720# GARNET							
Notes							
SAFETY MEETING/PRESSURE TEST @ 5600							
ISIP @ 3360							
5MIN @ 3220							
10MIN @ 3180							
15MIN @ 3140							



Remarks and Primary Data								
Time	Remarks	Pressure		Rate		Slurry (bbl)	Clean (bbl)	Prop (lb)
		STP	ANN	Slurry	N2			
1:31	SAFETY MEETING	1553	0	0.0	0	0.0	0.0	0
1:32	PRESSURE TEST @ 5600	5618	0	0.0	0	0.0	0.0	0
2:02	WELL OPEN @ 160	168	0	0.0	0	0.0	0.0	0
2:02	START PREPAD	168	0	0.0	0	194.0	194.0	0
2:03	N2 @ 34000	105	0	17.4	34000	0.0	0.0	0
2:06	RATE/PSI	3971	0	26.8	0	0.0	0.0	0
2:10	RATE/PSI	4440	0	26.6	0	0.0	0.0	0
2:10	START PAD	4215	0	23.0	0	392.0	392.0	0
2:11	N2 @ 47000	4447	0	16.5	47000	0.0	0.0	0
2:20	RATE/PSI	4603	0	16.4	0	0.0	0.0	0
2:31	RATE/PSI	4632	0	16.3	0	0.0	0.0	0
2:34	START 3.2#HOLD	4650	0	16.3	0	127.0	96.0	15000
2:35	N2 @ 44000	4696	0	18.8	44000	0.0	0.0	0
2:41	START 6.1# 20/40	4603	0	18.6	0	199.0	155.0	40000
2:42	N2 @ 42000	4650	0	21.1	42000	0.0	0.0	0
2:50	START 8.8#HOLD	4563	0	21.1	0	198.0	141.0	54000
2:51	N2 @ 39000	4469	0	19.0	39000	0.0	0.0	0
2:59	START 11.3#HOLD	4505	0	22.8	0	164.0	114.0	40720
2:59	N2 @ 37000	4493	0	22.6	37000	0.0	0.0	0
3:06	START FLUSH	4592	0	26.1	0	40.0	40.0	0
3:06	N2 @ 47000	4563	0	26.0	47000	0.0	0.0	0
3:08	ISIP @ 3360	3345	0	0.0	0	0.0	0.0	0
3:13	5MIN @ 3220	3229	0	0.0	0	0.0	0.0	0
3:18	10MIN @ 3180	3183	0	0.0	0	0.0	0.0	0
3:23	15MIN @ 3140	3142	0	0.0	0	0.0	0.0	0
3:26	Job Complete	-6	0	0.0	0	0.0	0.0	0
Total						1314.0	1132.0	149720
Summary								
Max Sly Rate	Avg Sly Rate	Max N2 Rate	Avg N2 Rate	Max PSI	Avg Psi	Avg Ann Psi		
27.0	20.0	0	0	4853	4412	0		
Slurry (bbl)	Clean (bbl)	Prop (lb)	Clean (gal)	Pump Time				
1315.0	1132.0	149720	47544.0	87				
Customer Authorized Representative				Treater/Service Supervisor				
Leonard				Jeremie Teter				
X				X				
Service Rating: _____ Satisfactory				_____ Unsatisfactory				

DJR OPERATING LLC
CHACON AMIGOS 1E - DAKOTA - N2 FOAM FRAC



END OF WELL REPORT

MESA WEST
DIRECTIONAL

Client: Elm Ridge Exploration
Well Name: Bonanza #14
Location: Sec 11, T22N, R3W
Job Number: 1426
Start Date: 27-Oct-14 **End Date:** 14-Nov-14

PERSONAL

Operator Personnel
Company Man:
Dee Giles
Geologist:

Directional Personnel
David Westbrook
Shane Sligar

Survey Personnel
Ron Alexis
Dion Packer
Nick Tulfer

WELL SUMMARY

KOP: 0	TD: 7635	FEET DRLG.: 7635	TOTAL DRLG. HRS.: 133	AVG. ROP:
# DAYS: 11	# BITS: 2	# BHA'S: 3	NO. OF MOTORS: 2	57.4

Well Parameters

Surface CP	MAIN HOLE	LEG 2
HOLE SIZE: 12 1/4	HOLE SIZE: 7 7/8	HOLE SIZE: N/A
Coordinates: MD: 557 TVD: 556.77 INC: 2.2 DIRECTION: 12.2 VERTICAL SECTION: 13.66 N / S: 13.6 E / W: 2.4	Coordinates: MD: 7635 TVD: 7443.75 INC: 0.3 DIRECTION: 231.6 VERTICAL SECTION: 1249.49 N / S: 1249.21 E / W: 26.88	Coordinates: MD: TVD: INC: DIRECTION: VERTICAL SECTION: N / S: E / W:

RE-ENTRY DATA:

TOP OF WINDOW: DIRECTION:
BOTTOM OF WINDOW: RAT HOLE:

DIRECTIONAL COMMENTS

BHA 1- Drilled 3600' to TD. Average ROP - 43.5' / hr Bit #1 = 1-1/8" A-11 NOV TD
Bit 1 - 12 1/4" Reed HEO4. 3x15's for jets. Motor is a NOV 7 7/8" 5/6 lobe, 3.0 stage, set @ 1.83°
Motor dialed to 1.83° and used to create separation from future wells on location. Motor delivered 3°/100' on surface section of well. Motor drained and sounded good on surface and was flushed with fresh water. Dialed motor to 0 00° setting for the next well
BHA 2- Drilled 3600' to TD. Average ROP - 72.9' / hr Bit #2 = 1-1/8" BT-C XX-10-BHA
Bit 2 - 7 7/8" NOV type SKH513M. 7x16's for jets. Motor is a Adtech 6 1/2" 7/8 lobe, 2.9 stage, set @ 1.50°
Trip out of hole due to change location of HWDP in the BHA. HWDP moved higher up in the drill string. Motor delivered 10°/100' in the build section of well. All drilling has been done without any problems to report.
BHA 2- Drilled 3600' to TD. Average ROP - 55' / hr Bit #2 = 1-1/8" BT-C XX- 50 TD
Bit 2 - 7 7/8" NOV type SKH513M. 7x16's for jets. Motor is a Adtech 6 1/2" 7/8 lobe, 2.9 stage, set @ 1.50°
Trip out of hole due to TD well at MD 7635'. Motor delivered 6°/100' in the tangent and 11°/100' in the drop section of the well. All drilling went ahead with any problems to report.

RECOMMENDATIONS

Eliminate the wiper trip at 3600' and leave the HWDP on the bottom of the BHA.

REPORT PREPARED BY:

Shane Sligar