Form 3160-5 (April 2004)	n	UNITED STATE				FORM APPROVED OM B No. 1004-0137	
		DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT				Expires: March 31, 2007 5. Lease Serial No.	
:	SUNDRY	NOTICES AND RE	PORTS ON WI	ELLS	CC032		
Do i abai	not use th ndoned we	is form for proposals II. Use Form 3160-3	to drill or to re- (APD) for such p	enter an roposals.	6. If India N/A	in, Allottee or Tribe Name	
SUBM	AIT IN TRI	PLICATE- Other ins	tructions on reve	orse side.		or CA/Agreement, Name a	
1. Type of Well ✓ Oil W	Vell	Gas Well Other			N/A	ame and No.	
2. Name of Operator	Range Opera	ting New Mexico, Inc.	(227588)			ula 3 Federal #1 (358	
3a. Address	·	rt Worth, TX 76102	3b. Phone No. (inclu 817-810-1908	de area code)	30-02	5-33928 nd Pool, or Exploratory Ar	
		., R., M., or Survey Description)	<u></u>)			, Tubb-Drinkard (35	
		FEL Sec. 3, T25S, R37E FNL & 330' FEL Sec. 3,	T25S, R37E		11. County Lea, N	y or Parish, State NM	
12.	CHECK AP	PROPRIATE BOX(ES) T	O INDICATE NATU	RE OF NOTIC	E, REPORT, O	R OTHER DATA	
TYPE OF SUBN	MISSION		T	PE OF ACTIC)N		
Notice of Intent	t i	Acidize	Deepen Fracture Treat		on (Start/Resume) tion	Water Shut-Off	
Subsequent Rep	port	Casing Repair	New Construction	Recompl	ete rily Abandon	Other	
Final Abandonn	ment Notice	Convert to Injection	Plug Back		isposal		
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Kor

- 3. PU perf gun. GIH. Tie into CBL. Perf Drinkard 6414-6415.5 & 6400-6401.5 w/ 6 holes total. POOH. Shut frac vlv. Pressure up on perf. Perf broke at 4500 psi. pmp 20 bbls of 2% KCL wtr at following rates & pressures: 1.7 bbls. Min at 1500 psi. 21 bbls/ min at 1600 psi, 3.8 bbls/ min at 1700 psi. ISD pin 00 psi 800-5 min, 725-10 min, 700-15 min, 675-20 min, 650-25 min, 625-30 min. bled 3 bbls back. Open frac vlv. GIH w/ pkr, 2-7/8" SN, 204 jts to 6379'. Set pkr. RU PetroPlex pmp 1000 gal of 15% HCL w/ iron control (NEFE). Pmp acid at 6.2 bbls/ min at 2490 psi. ISIP 1400. 5 min 1129 psi, 10 min 1060 psi, 15 min, 1016 psi, 20 min 9990, 25 min 967 30 min 948 psi. RD perplex flow well to pit for 40 min, RU & swab well to tnk. Total load 119 bbls.
- 4. Release pkr. POOH w/tbg, LD pkr.
- MIRU Schlumberger. GIH w/ perf gun. Perf 6292-6295, 6191-96, 6114-6116' 18 holes- 2 SPF. RD Schlumberger. ND BOP. NU frac cross & top frac vlv. SWI. Lead csg w/ 46 bbls of 2% KCL. H₂O release. PU crew builds tnk btry. Set 6th 500 bbl tst tnk.
- MIRU Schlumberger & frac Drinkard perf 6114-6415.5. break dn 1339 psi. 3000 gal 15% NEFE 7300 gal Slick wtr flush 10 min SD = 860 psi. ISIP 1050 32000 gal 30# XL Pad
 - 6000 gal 25# x LW/ 1 ppg 20/40 Ottawa 8000 gal 25# x LW/ 2 ppg 20/40 Ottawa 10000 gal 25# x LW/ 3 ppg 20/40 Ottawa 11000 gal 25# x LW/ 4 ppg 20/40 Ottawa 10000 gal 25# x LW/ 5 ppg 20/40 super LC 9000 gal 25# x LW/ 6 ppg 20/40 super LC 5900 gal Slick wtr flush ISIP = 1336, AIR 45 BPM, ATP 1700 psi, LTR – 2523 bbls, 5 min SIP =

972 10 min SIP – 870 psi check pressure – pressure 720 psi. open well.

- ND frac vlv. ND 5 MTH. NU 3 MTH. NU BOP PU blade bit & bailor. GIH w/ tbg 12 stands of chamber. Tag up at 6434'. Bail sand to TD. PU 10 stands. SD for 1 hr 30 min. Lufkin started setting RM 320D-256-120 pmp unit. GIH check TD approx 3' of fill. POOH w/ tbg. LD bailor. Clean out tbg
- Open up BOP. No pressure. GIH w/ 12 jts. LD 12 jts. GIH w/ 3 jts & bull plug. 945' Desander 20.0' 6' sub, SN 1.10, 10 jts, 315.4' TAC 3.0', 183 jts, 5713.26 KB 12, ND BOP. Set TAC w/ 18,000# tension. NU tbg bonnet.
- GIH w/ 2-1/2x2"x20' rod pmp. 1-2'x7/8" pony, 6-1-1/2" sinker bars. 102-3/4" rods, 132-7/8" rods, 1-26'x1-1/4" polish rod w/ 12' liner. Space out pmp. Hang well on. Good pmp action. Well pmp up in 30 min. RD released PU. Put on production 12-21-05.

CASING DETAIL AND CEMENTING REPORT

Total depth: 1125 Bit Size: 12.25 Avg Hole size: Mud wrt: 9 String detail (list each item in order run) Cum Length No. Its OD Description M/g Wit Grade Threads Cond 0.82 0.82 1 8.875 SHOE weatherford STC NEW 132.6 44.1 1 8.625 CASING MAVERICK 24 JS5 STC NEW 1095.73 1141.36 2.5 8.625 CASING MAVERICK 24 JS5 STC NEW 1141.36 1 8.675 FLOAT weatherford 2.5 STC NEW 1141.36 1 8.625 CASING MAVERICK 24 JS5 STC NEW 1141.36 1 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	Well:	Tarantula 3 Fed #1	Field	Justis	County	Lea	State:	NM		
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1141.36 Total length MINUS 16.5 Cut-off PLUS R10 KB Setting depth Wt of csg string in mud: 25500 Wt of csg string in mud: 25500 Cement used Cementing company: PPG YIELD BBLS BPM TOC Stage No. sacks Cement type and additives PPG YIELD BBLS BPM TOC SPACER FRESH WATER 8.4 20 4.7 SURF LEAD 320 D029 112.8 1.94 111 4 TAIL 290 C + 1 % S001 + 0.25 pps D029 14.8 1.32 68 3-Jan Displacement STAGE 2 IF APPLICABLE 0 0 0 0 SPACER 45 SKS Pipe reciprocated? N N Cement to Surface 45 SKS Float heid (Y/N): Y Cement to Surface 16 Float heid (Y/N): Y Y Pipe rotated? <t< td=""><td></td><td></td><td> </td><td></td><td></td><td><u> </u></td><td></td><td> </td><td>+</td><td></td></t<>						<u> </u>		 	+	
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PLUS IRG KB 1124.86 Setting depth WI of csg set on slips: NVA Cement used Cementing company: PPC VIELD BBLS BPM TOC Stage No. sacks Cement type and additives PPC VIELD BBLS BPM TOC SPACER FRESH WATER 8.4 20 4.7 SURF LEAD 320 D029 14.8 1.94 111 4 TAIL 290 C + 1 % S001 + 0.25 pps D029 14.8 1.32 68 3-Jan Displacement STAGE 2 IF APPLICABLE Strage <td>Adhille</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Adhille									
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CASING DETAIL AND CEMENTING REPORT

Weil: Tarantula 3 Fed #1 Field Justis County Lea State: NM Total depth: 6606 Bit Size: 7 7/8 Avg Hole size: Mud wt: 10.1 String detail (list each item in order run) Length No Jts OD Description Mfg Wt Grade Thread 1.3 1.3 6.050 SHOE weatherford LTC LTC 85.2 86.5 2 5.500 CASING MAVERICK 17 M80 LTC 2572.16 2659.76 63 5.500 CASING MAVERICK 17 M80 LTC 2.12 22661.88 1 6.050 STAGE TOOL weatherford LTC LTC 2.35 6607.81 93 5.500 CASING MAVERICK 17 M80 LTC 6607.81 Otal length Cut-off LTC Stage Stage Stage Avg Rig KB Wt of csg string in mud: 92000 92	Cond NEW NEW NEW NEW NEW NEW						
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0	5606						
Displacement EAW 8.34 91 8.28							
Full circ (Y/N): Y Pipe reciprocated?	Y						
Cement to Surface NO Pipe rotated?	NO						
Bbis to Surface 0 Float held (Y/N):	Y						
Plug bumped (Y/N):	Y						
Centralizer and scratcher placement (type, depth and amount):							
	1909'0						
1 CENT 5' ABOVE SHOE W/ LIMIT CLAMP / 1CENT 0N NEXT COLLAR / 1 CENT 5' BELOW FLOAT COLLAR / 1 PER JT TO JT # 43 (1808'0 1 EVERY OTHER JT F/45-55 / 1 CENT JT 58 / 1 CENT 5' BELOW DV TOOL W/ LIMIT CLAMP / 1 CENT 5' ABOVE DV TOOL/W/LIMIT CLAMP							
1 CENT EVERY 4 JTS 84 - 130 1104 .14'							
1 CENT EVERT 4 JIS 04 - 130 1104 .14							
Casing on location NOT RUN							
	s Cond						
Longur No ou	NEW						
233.67 6 5.5 MAVERICK 17 M80 LTC							
Pomarke:							
Remarks: TOP OF SHOE @ 6604.70 / TOP OF FLOAT COLLAR @ 6518.40 / TOP OF DV TOOL @ 3944.12	<u></u>						
IOP OF SHOE W BOUK TOT TOP OF PLOAT COLLAR W BS16.40 TOP OF DV TOOL W 3544.12							
Reported by: GENE CUTRELL Date: 12/8/2005							

HALLIBURTON

MONOPOLE – FWS COMPRESSIONAL & SHEAR DELTA-T

COMPANY		RANGE	OPERA	TING NM, INC	C.
WELL		TARAN	TULA "3	" FEDERAL N	No. 1
FIELD		JUSTIS	(BLINE	BRY-TUBB4	RINKARD)
COUNTY		LEA		6272	
STATE		NM		4252	
Location:	990' FNL AND 33	0' FEL			
Elevations:	K.B.: 3183	R.T.:	3182	G.L.: 3171	
Date Processed	07-DEC-05		Logs Pro	ocessed	FWS,SD-DSN,DLL-
Job Number	W20051607		Date Log	ged	05-DEC-05
Interval Processed	4508'6580'		Type Flu	id in Hole	BRINE
Processed By	K. FUCHS		Location)	HOBBS
Processed At	MIDLAND				
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