

OCD-HOBBS

Form 3160-5
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator **Range Operating New Mexico, Inc. (227588)**3a. Address **100 Throckmorton St Ste 1200 Fort Worth, TX 76102** 3b. Phone No. (include area code) **817-869-4208**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

At Surface: 2310' FSL & 330' FEL Sec. 3, T25S, R37E
At Proposed Prod. Zone: 2310' FSL & 330' FEL Sec. 3, T25S, R37E

5. Lease Serial No

NMLC032592A

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or No

N/A

8. Well Name and No.

Trantula 3 Federal #3 (35081)

9. API Well No.

30-025-38208

10. Field and Pool, or Exploratory Area

Justis, Tubb-Drinkard (34280)

11. County or Parish, State

Lea, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Drill to 1064', set 8 5/8" 24# ST&C 8rd casing @ 1064'. Cement Lead w/320 sx 35/65 POZ; C+6% DO20+5% (BWOW) DO44+.25 pps DO29. Tail w/290 sxs C+1% S001+0.25 pps DO29. Plug Down @ 12:30 PM MDT 12/31/06 w/600 psi over, float held ok. WOC. Cut off cond., 8 5/8" csg. Weld & test head to 1000 psi. NU & test BOP 250 psi, low & 3000 psi high. Drilled 7 7/8" hole to TD @ 6499' 1/10/07 @ 3:30 AM MDT. RU & run logs, DLL - Microspherical Focused Log, GR in Combination, Compensated Spectral Natural Gammadepth & Gammasurvey, DSN, SD & De Full Wave Sonic Depth, FWS Long Spaced Delta-T Survey. Run & set 5 1/2" 17# M-80 LTC 8rd casing @ 6499'. 1st stage (tail) PD @ 8:30 PM MDT 1/11/07, bump plug, held ok. Cemented w/670 sxs 50:50 POZ Class C+2% D-2% D20+5% D44++0.25 pps D29+0.2% D45. Open DV tool & circulate. 2nd stage (lead) PD @ 2:00 am MDT 1-12-07, bump plug, held ok. Cemented w/600 sx POZ, C+10% DO20+5% (BWOW) DO44-0.25 pps D29-0.2% D0456. ND, Set Slips & Cut Off. NU B & C Sections. Jet Pits. RR @ 10:00 AM 1-12-2007. Report to NMOCD.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)**Linda C. Stiles**Title **Sr. Engineering Tech.**

Signature

Date

08/20/2007**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

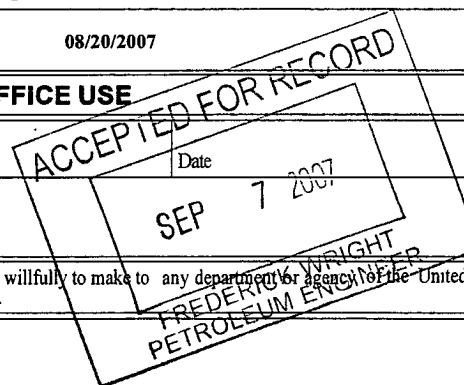
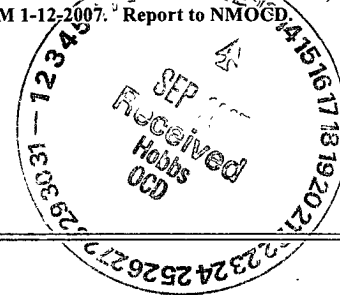
Office

Date

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

(Instructions on page 2)

GWW



CASING DETAIL AND CEMENTING REPORT

Well:	TARANTULA 3, FED	Field	JUSTIS	County	LEA	State:	N.M.	
Total depth:	1064	Bit Size:	12.25	Avg Hole size:	12.25	Mud wt:	9.4	

String detail (list each item in order run)									
Length	Cum Length	No Jts	OD	Description	Mfg	Wt	Grade	Threads	Cond
0.66	0.66	1	8.875	SHOE	weatherford			STC	NEW
42.62	43.28	1	8.625	CASING	MAVERICK	24	J55	STC	NEW
1.44	44.72	1	8.875	FLOAT	weatherford			STC	NEW
1019.28	1064	24	8.626	CASING	MAVERICK	24	J55	STC	NEW
	1064								
	1064								
	1064								
	1064								
	1064								
	1064	Total length							
MINUS	12	Cut-off							
PLUS	12	RIG KB							
	1064	Setting depth							
Wt of csg string in mud.		33000							
Wt of csg set on slips:									

Cement used		Cementing company:					Design
Stage	No. sacks	Cement type and additives	PPG	YIELD	BBLS	BPM	TOC
SPACER		FRESH WATER	8.4		20	8	
LEAD	320	35/65 POZ C + 6% D020 + 5 % (BWOW) D044 +0.25 pps D029	12.8	1.94	111	7	SURF
TAIL	290	C + 1% S001 + 0.25 pps D029	14.8	1.32	68	7-Jan	
Displacement		FRESH WATER	8.4		65		
STAGE 2	IF APPLICABLE				0		
					0		
Displacement							

Full circ (Y/N):	Y	Pipe reciprocated?	Y
Cement to Surface	Y	Pipe rotated?	N
Bbls to Surface	33	Float held (Y/N).	Y
		Plug bumped (Y/N).	Y

Centralizer and scratcher placement (type, depth and amount):

1 CENT 5' ABOVE SHOE W/ LIMIT CLAMP @ 1058, ONE CENT 5' ABOVE FLOAT COLLAR W/ LIMIT CLAMP @ 1014 , ONE EACH @ 976, 940 , 855 , 726 , 601 , 472 , 343 , 213 , 84

Casing on location NOT RUN							
Length	No Jts	OD	Description - Mfg	Wt	Grade	Threads	Cond
128.59	3	8.625	MAVERICK	24	J55	STC	NEW
124.68	3 / WON'T DRIFT	8.626	MAVERICK	24	J55	STC	NEW

Remarks:

WILL MOVE EXCESS CASING TO NEW LOCATION WITH RIG

Reported by: GENE CUTRELL	Date: 12/31/2006
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CASING DETAIL AND CEMENTING REPORT

Well:	ARANTULA 3,FED	Field	JUSTIS	County	LEA	State:	N.M.
Total depth:	6499	Bit Size:	7 7/8	Avg Hole size:		Mud wt:	10

String detail (list each item in order run)									
Length	Cum Length	No Jts	OD	Description	Mfg	Wt	Grade	Threads	Cond
1.29	1.29	1	6.050	SHOE	weatherford			LTC	NEW
42.96	44.25	1	5 500	CASING	MAVERICK	17	J55	LTC	NEW
1.1	45.35	1	6.050	FLOAT	weatherford			LTC	NEW
3456.65	3502	69	5 500	CASING	MAVERICK	17	J55	LTC	NEW
2.02	3504.02	1	6.050	DV TOOL	weatherford			LTC	NEW
2996	6500.02	83	6.050	CASING	MAVERICK	17	J55	LTC	NEW
	6500.02								
	6500.02								
	6500.02								
	6500.02								
MINUS	12	Total length							
PLUS	12	Cut-off							
	6500.02	RIG KB							
		Setting depth							
Wt of csg string in mud:		110000							
Wt of csg set on slips:		110000							

Cement used		Cementing company:		SCHLUMBERGER				Design	
Stage	No. sacks	Cement type and additives		PPG	YIELD	BBLS	BPM	TOC	
SPACER		FRESH WATER		8.4		20	8		
TAIL	670	50/50 POZ CLASS C +2% D20 + 5% D44 +0.25 pps D29+0.2% D46		14.2	1.37	163	7	3500	
Displacement		FRESH WATER 80 BBLS. / BRINE 77 BBLS		8.4		157	8		
STAGE 2	IF APPLICABLE					0			
LEAD	600	50/50 POZ C+10% D020+5%(BWOW) D044+0.25pps D29+0.2% D046		12	2.39	255	8	SURF	
Displacement		FRESH WATER 40 BBLS. / BRINE 41 BBLS.		8.4		81	6		
Full circ (Y/N)		Y	Pipe reciprocated?					Y	
Cement to Surface		Y	Pipe rotated?					N	
Bbls to Surface		16	Float held (Y/N):					Y	
			Plug bumped (Y/N):					Y	

Centralizer and scratcher placement (type, depth and amount):

ONE CENT 5' ABOVE SHOE @ 6492 , ONE 5' ABOVE FLOAT @ 6448 , ONE ON EACH COLLAR THRU 5651 , ONE @ 5566 , 5481 , 5397 , 5311 , 5224 , 5138 , 5063 , 4966 , 4879 , 4792 , 4705 , 4619 , 4532 , 4447 , 4360 , 4272 , 4188 4101 , 4015 , 3929 , 3844 , 3759 , 3674 , 3589 , ONE 5' ABOVE DV TOOL @ 3509 , ONE 5" BELOW DV TOOL @ 3499 , 3378 , 3293

Casing on location NOT RUN								
Length	No Jts	OD	Description - Mfg		Wt	Grade	Threads	Cond
206.21	5	5.5	MAVERICK		17	J55	LTC	NEW
42.64	1 BENT	5.5	MAVERICK		17	J55	LTC	NEW

Remarks:

WILL MOVE EXCESS CASING TO NEW LOCATION WITH RIG

Reported by: GENE CUTRELL Date: 1/12/2007

Well Name: **Tarantula 3 Federal 3**

Unit: **E**

Lease Type: **Fed**

Location: **2310' FSL & 330' FEL** Sec: **3**

Township: **25S**

Range: **37E**

County: **Lea** State: **NM**

API: **30-025-38208**

Surface Csg

Size: **8 5/8"**
Wt.&Thrd: **24#**
Grade: **J-55, STC**
Set @: **1,064'**
Sxs cmt: **610**
Circ: **33 bbls**
TOC: **Surface**
Hole Size: **12 1/4**

KB: **3,163'**

DF: **3,162'**

GL: **3,153'**

Spud Date: **12/29/2006**

Log Date: **1/1/2007**

CURRENT

History - Highlights

** Range owns rights from 4,000' to base of the Abo.

1/18/07 Drilled out DV Tool and tagged PBTD @ 6,436'

1/22/07. Acidized Drinkard perforations

Production Csg

Size: **5 1/2"**
Wt.&Thrd: **17#**
Grade: **J-55, LTC**
Set @: **6,500'**
DV Tool @: **3,504'**
Sxs Cmt: **1,270**
Mnt'd Circ: **16 bbls**
Circ. Cmt: **Y**
Cmt to Sfc: **Y**
TOC: **Sfc**
Hole Size: **7 7/8"**

Proposed Blinebry Perforations

5,654' - 5,657' (3 spf, 9 shots)

5,727' - 5,730' (3 spf, 9 shots)

Drinkard

6,058' - 6,060' (3 spf, 6 shots)

6,127' - 6,129' (3 spf, 6 shots)

6,264' - 6,266' (3 spf, 6 shots)

FC est @ 6,455'

PBTD 6436'
TD 6499'