Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.

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

1 Type of Well
☑ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
Trantula 3 Federal #3 (35081)

2. Name of Operator **Range Operating New Mexico, Inc. (227588)**

9. API Well No.
30-025-38208

3a Address
100 Throckmorton St Ste 1200 Fort Worth, TX 76102

3b. Phone No. *(include area code)*
817-869-4208

10. Field and Pool, or Exploratory Area
Justis, Tubb-Drinkard (34280)

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

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			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☑ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 recompletion 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.)

NOTIFIED BLM OF INTENT TO SPUD & RUN SURFACE CASING 12/29/06 11:30 AM
MOVE IN, RIG UP 12/29/06
SPUD WELL @ 7:30 AM MDT ~~12/29/07~~ DRILL NEW 12 1/4" HOLE 749'
WL SURVEY @ 250', 1/4 DEGREE & 749' 3/4 DEGREE
DRILL NEW 12.25 HOLE 749' TO 1064'

AUG 2007
Received
Hobbs
OCD

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

Title **Sr. Engineering Tech.**

Signature Linda C. Stiles

Date **08/20/2007**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Chris Williams OC DISTRICT SUPERVISOR/GENERAL MANAGER

Title

Date OCT 22 2007

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

Office

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(Instructions on page 2)

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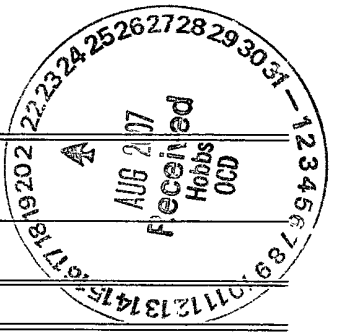
01/16/07
Day 1 Completion Clean loc. Fenced pit. Set Anchors. Set Lufkin 456 PJ. RU Eunice Well Service rig.

01/17/07
Day 2 RD Eunice Well Service rig. RU I&J Well Service rig. NU 5K Hydraulic BOP. Tallied DC's. RIH w/ 4-3/4" varel cone bit, bit sub, (6) 3-1/8" DC's and 10'x7/8" sub. Secured WH SWIFN.

01/18/07
Day 3 Unload and rack 210 jts of 2-7/8" J-55 EUE 8rnd Tbg. Tally, PU, and RIH w/ 108 jts of 2-7/8" Tbg. Tagged DV tool at 3490' (Tbg tally). RU Power Swivel and Reverse unit. Drilled out DV tool. Circ well for 30 min. PU and RIH w/ 96 more jts of of 2-7/8" Tbg. Tagged PBTD at 6436' (Tbg tally). Standby waiting on acid trk for 1 hr. RU Acid trk loaded w/ 300 Gals of 15% HCL w/ additives, 70 bbls of 2% KCL, and trans port loaded w/ 130 bbls of 2% KCL.
(Continued on Next Page)



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**

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Approved by Chris Williams Title OC DISTRICT SUPERVISOR/GENERAL MANAGER Date **OCT 22 2007**

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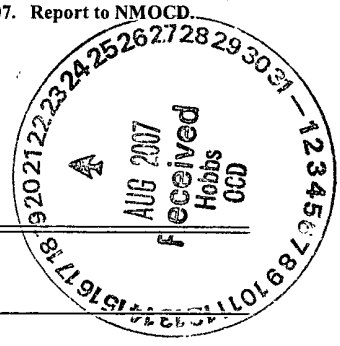
Drill to 1064', set 8 5/8" 24# ST&C 8rd casing @ 1064'. Cement Lead w/320 sx 35/65 POZ; C+6% DO20+5% (BWOW) DO44+.25 pps DO29. Tail w/290 sxs C+1% S001+0.25 pps DO29. Plug Down @ 12:30 PM MDT 12/31/06 w/600 psi over, float held ok. WOC. Cut off cond., 8 5/8" csg. Weld & test head to 1000 psi. NU & test 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 – Microspeherical 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 ½" 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 G+10% D020+5% (BWOW) D044-0.25 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.



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01/18/07
Day 3 (continued) Pickled tbg w/ 300 gals of 15% HCL Acid (w/ Iron control, non-emulsifier, & corrosion inhibitor). Flushed acid up Csg to pit w/ 150 bbls of 2% KCL. Good clean returns to pit. RDMO Pmp trk and transport. Secured WH. SWIFN. Will Pull Tbg and LD DC's in AM.

01/19/07
Day 4 Crew to loc. Opened BOP. Pooh w/ Tbg, DC's, and bit. RU Enertech ELU. RIH w/ GR,CCL,CBL,VDL logging tool to PBTD. Correlated to Halliburton Spectral Density/ DS Neutron log dated 1-10-07 and found PBTD to be at 6426' (WLTD). Run repeat section from PBTD up to 3000' w/ 0 psi. RBIH to PBTD w/ logging tool and log from PBTD up to 3300 psi w/ 500 psi on Csg. Pooh w/ logging tools. RBIH w/ 3-1/8" Csg Slick guns loaded 3 SPF at 120 degree phased w/ 19 gm charges (.40" EHD, 21" penetration). Correlate to GR/CCL/CBL/VDL log and perf at the following depths:

6058'-6060'	3 SPF	2.0'	6 Shots	All Fired
6127'-6129'	3 SPF	2.0'	6 Shots	All Fired
6264'-6266'	3 SPF	2.0'	6 Shots	All Fired
			18 Shots	All Fired

RDMO Enertech ELU. To Icy for Derrick Man to go up Derrick. SWI. SWIFWE.

01/22/07
Day 5 Make up and RIH w/ 5-1/2" AS1 RBP, Ret. Tool, 2-7/8"x5-1/2" Kline Pkr, and 2-7/8" Tbg to 6290' w/ RBP. Set RBP. Set Pkr @ 6280'. MIRU PetroPlex Acid Unit loaded w/ 1500 gals of 15%NEFE Acid & DeLa Sierra transport loaded w/ 130 bbls of 2% KCL wtr. RU PetroPlex lines to Tbg. Tst Pkr & RBP to 4800 psi w/ 2% KCL wtr. Good tst. POOH and set Pkr at 6220'. Tst Pkr dn annulus to 500 psi. Good tst. Left pressure on Csg for Acid job. BD Perf 6264'-66' @ 3268 psi w/ 2% KCL wtr. Est. Inj. rate of 4.2 BPM @2950 psi. Start Acid & Pmp 500 Gals of Acid into perf at Avg rate of 5.0 BPM @ 2473 psi. Flushed acid to btm perf w/ 2% KCL. ISIP - 1105 psi, 5 min.- 963 psi, 10 min.- 926 psi, 15 min.- 902 psi, 20 min.- 884 psi, 25 min.- 865 psi, 30 min.- 853 psi. Released pressure. Moved RBP to 6166'. Set Pkr at 6155'. Tst RBP to 4800 psi. Good tst. Move Pkr to 6098'. Tst Pkr dn annulus to 500 psi. Good tst. Left pressure on annulus for acid job. BD Perf 6127'-6129' at 4482 psi w/ 2% KCL wtr. Est. Inj. rate of 2.0 BPM @ 4800 psi. Start acid and pmp 500 gals of 15% NEFE Acid into perf @ Avg rate of 5.0 BPM @ 2089 psi. Flushed acid to btm perf w/ 2% KCL wtr. ISIP - 832 psi, 5 min.- 756 psi, 10 min.- 707 psi, 15 min.- 670 psi, 20 min.- 640 psi, 25 min.- 609 psi, 30 min.- 573 psi. Released pressure. Moved RBP to 6106'. PU and Set Pkr @ 6096'. Tst RBP to 4800 psi. Good tst. Released pressure. Move Pkr to 6008'. Tst Pkr dn annulus to 500 psi. Good tst. Left pressure on annulus for acid job. BD Perf 6058'-6060' @ 3888 psi. W/ 2% KCL wtr. Est. Inj. rate of 4.8 BPM @ 3450 psi. Start acid and pmp 500 gals of 15% NEFE acid into perf @ Avg rate of 5.0 BPM @ 1997 psi. Flushed acid to btm perf w/ 2% KCL. ISIP - 852 psi, 5 min.- 731 psi, 10 min.- 689 psi, 15 min.- 646 psi, 20 min.- 621 psi, 25 min.-603 psi, 30 min.- 597 psi. Released pressure. Moved RBP to 6290'. PU and set Pkr at 6037' for swabbing. Tst Pkr dn annulus to 500 psi. Good tst. RDMO PetroPlex Acid Unit and DeLa Sierra transport. RU swab lubricator for swabbing. TTL load to Rec. = 206 bbls. Opened well to tnk. Flowed 20 bbls to tnk. RU to swab. IFL @ surface. Made 8 swab runs and rec. 32 bbls of wtr. LFL @ 2100'. NO gas or oil shows. Total Fluid rec. = 52 bbls.

01/23/07
Day 6 Crew to loc. 16 hr. SITP -70 psi. BWD. RU to swab. IFL @ 1600'. Made 16 swab runs and rec. 64 bbls of fluid. LFL @ 4900' Fluid sample showing 25% oil cut on top, and 4% oil cut at btm of run. Made 4 more hr swab runs and rec 14 bbls of fluid. LFL @ 5500'. Pulled each hr run from SN. Oil sample still showing 30% oil cut on top, and 6% oil cut on btm. Very little gas blow after swab runs. ND swab lubricator. SWI @ 4:00 PM NM time. SWIFN. Total bbls rec. today = 78 bbls. TTL load left to rec.= 76 bbls.

01/24/07
Day 7 Crew to loc. 15 hr. SITP 200 psi. BWD. RU to swab. IFL @ 3800'. Made 5 swab runs and rec. 22 bbls of fluid. LFL dry. Fluid sample on 1st run showing 65% oil cut on top, and 5% oil cut at btm of run. Begin making hr runs. Made 4 hr swab runs and rec. 12 bbls of fluid. LFL @ 5500'. Pulled each hr run from SN. Oil sample showing 30% oil cut on top, and 6% oil cut on btm. Very little gas blow after swab runs. ND swab lubricator. Release Pkr. RIH below perf to RBP. Latched on to RBP and released. POOH w/ Tbg, SN, Pkr, and RBP. ND BOP. NU Frac Vlv and frac head. SWIFN. Set frac tanks and filled w/ fresh wtr frac job.

01/25/07
Day 8 MIRU Schlumberger and Enertech ELU. SICP: Vac. Hole loaded with 49 bbls. Break dn at 996 psi at 7.0 BPM. Pmp 50 bbls of scale inhibitor. Frac Drinkard w/ 64,751 lbs of 16/30 Ottawa and 46,190 lbs of 16/30 Super LC in 75,362 gals of YF130 crosslink gel. Spotted 1,000 gals of 14% HCL across the Blinebry and flushed to btm perf of Blinebry. Avg Rate: 40.0 BPM. Avg Pressure: 2,849 psi. Max pressure: 3,493 psi. ISIP: 1,331 psi. FG: 0.65 psi/ft. 5 min: 1,166 psi. Total Load to recover this stage: 1,980 bbls. RU Enertech and RIH with plug and guns. Set 5 1/2" CIBP at 5,770' Tst plug to 3,000 psi. Good test. Perf w/ 3 1/8" 19 gm 3 spf 120 phased 0.40" EHD at 5,654-57, and 5,727-30. Pressure dropped from 2,800 psi to 1,050 psi when perf. POOH w/ guns. All shots fired. RDMO Enertech ELU. Prepared to frac Blinebry. SICP:300 psi. Break dn perf at 1,840 psi at 3.3 BPM. Pmp 2,000 gals of 15% HCL followed by 50 bbls of Scale Inhibitor, then flush w/ 163 bbls of cut 30# Linear gel. Avg Rate during flush: 30.4 BPM. Avg Pressure: 1,991 psi. Max pressure: 2,161 psi. ISIP: 1,087 psi. FG: 0.621 psi/ft.

01/26/07
Day 9 MIRU Schlumberger. SICP: 290psi. Hole loaded. Frac Blinebery with 91,529 lbs of 16/30 Ottawa in 64,749 gals of YF130 crosslink gel. Avg Rate: 40.1 BPM. Avg Pressure: 2,729 psi. Max pressure: 2,9740psi. ISIP: 1,355 psi. FG: 0.671 psi/ft. 5 min: 1,171 psi. Total Load to recover this stage: 1,682 bbls. RDMO Schlumberger. Open well to half pit. See following schedule.

TIME	CHOKE	PSI	BBLS
9-10am	17/64	800	50
10-11am	17/64	800	64
11-12	17/64	750	55
12-1pm	17/64	700	62
1-2pm	20/64	650	66
2-3pm	22/64	600	69
3-4pm	23/64	500	70
4-5pm	26/64	400	71
5-6pm	28/64	350	74
6-7pm	30/64	280	72
7-8pm	30/64	240	66
8-9pm	30/64	180	64
9-10pm	64/64	140	52
10-11pm	64/64	50	45
11-12pm	64/64	0	41
		Total Recovered-	921

Shut well in after psi went to 0.

01/27/07
Day 10 SICP-80psi. Opened to half pit to bleed dn well. Well would not bleed dn. Waited on vac trk to hook up to csg. RU vac trk to csg. RD Frac Vlv and NUBOP. TIH w/ 4-3/4 bit, bumper sub, 6- DC's, SN and tbg. Tagged Fill @ 5727'. TOH w/ tbg to get tools above perf.

01/29/07
Day 11 RU JU stripper rubber and FAU. Pmp dn Tbg w/ FAU and BC to pit. RIH w/ Tbg and tagged fill at 5727'. RU PS and FAU. Wash sand to CIBP at 5770'. Drill out CIBP. RIH w/ bit, DC's, and Tbg to fill at 6327'. Drilled @ 3327' for 2 hr, made no hole. Pulled up and CWC for 1 hr. Good clean returns after 3/4 hrs. RD PS & FAU. ND JU stripper rubber. TOH w/ tbg, SN, DC's, bumper sub and bit. Bit missing 1 cone. Shut in BOP and SWIFN.

01/30/07
Day 12 BWD. RIH w/ 4-3/4" shoe w/ cut right and mesh wire inside, (6) 3-1/2" DC's, x-over, and 200 jts of 2-7/8" Tbg to fill @ 6325'. RU PS and FAU. BC. Wash sand and push cone bit to 6421' (Tbg tally). Quit making hole. CWC for 2 hrs. No sand returns after 2 hrs. Pmp 15 bbls of 2% KCL dn tbg to kill string. RD PS and FAU. POOH w/ 44 jts of 2-7/8" Tbg (above all perf). Closed BOP.

01/31/07
Day 13 12 hr. SITP - 700 psi. BWD. RU pmp trk. Pmp 40 bbls of 2% KCL Csg and 20 bbls dn Tbg to control well. Finished POOH w/ Tbg and DC's. RBIH w/ MJ w/ BP, Tbg screen, SN, 24 jts of 2-7/8" Tbg, TAC, and 180 jts of 2-7/8" Tbg. ND 5M BOP. Set TAC w/ 12,000# tension. NUWH. Standby waiting on rods for 3-1/2 hrs. Unloaded rods. RIH w/ Pmp w/ GA, 12 x 7/8" rods and 84 x 3/4" rods.

02/01/07
Day 14 Finished RIH w/ rods. Hung well on. RU pmp trk. Load Tbg w/ 12 bbls of 2% KCL. Tst to 500 psi. Released pressure. Turned on PJ. Well pmp good. Clean loc. RDMO I&J Well Service and DeLa Sierra pmp trk. Move rig to Elliott B Federal #17. MI Parker & Parker roustabout crew. Build WH manifold. Turned well to sales 2-1-2007 @ 11:30AM MST.

TBG DETAILS:	**LENGTH (FT)**	**DEPTH (FT)**
KB AGL	12'.00"	
TBG AGL	2'.00"	
180 jts of 2-7/8" 6.5# J-55 EUE 8rnd Tbg	5536'.80"	10.0'
2-7/8"x5-1/2" TAC	3'.00"	5546.80'
24 jts of 2-7/8" 6.5# J-55 EUE 8rnd Tbg	738'.24"	5549.80'
2-7/8" SN	1'.10"	6288.04'
2-7/8"x24' Tbg Screen	24'.00"	6289.14'
2-7/8"x31.0' MJ w/ BP	31'.00"	6313.14'
EOT		6344.14'

ROD DETAIL:

	1-1/2"x26' PR w/ 1-3/4"x1-1/2"x16' LNR
8',6',4',4'	7/8" KD rod subs
75	7/8" KD rods
174	3/4" KD rods
12	7/8" KD rods
1	1'x3/4" lift sub w/ on / off right turn release cplgs and spiral rod guide
	2-1/2"x1-3/4"x20' RHBC BHD HVR Pmp

CASING DETAIL AND CEMENTING REPORT

Well:	TARANTULA 3,FED3	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

CASING DETAIL AND CEMENTING REPORT

Well:	TARANTULA 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	Total length							
MINUS	12	Cut-off							
PLUS	12	RIG KB							
	6500.02	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& DO46	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		

CURRENT

Surface Csg

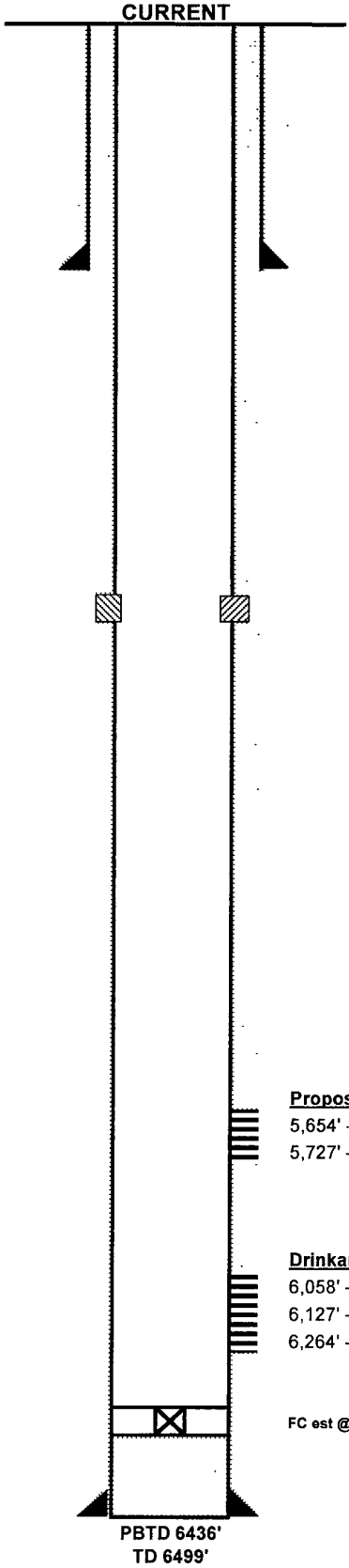
Size:	8 5/8"
Wt.&Thrd:	24#
Grade:	J-55, STC
Set @:	1,064'
Sxs cmt:	610
Circ:	33 bbls
TOC:	Surface
Hole Size:	12 1/4

KB:	3,163'
DF:	3,162'
GL:	3,153'
Spud Date:	12/29/2006
Log Date:	1/1/2007

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



Proposed Blinebry Perforations
5,654' - 5,657' (3 spf, 9 shots)
5,727' - 5,730' (3 spf, 9 shots)

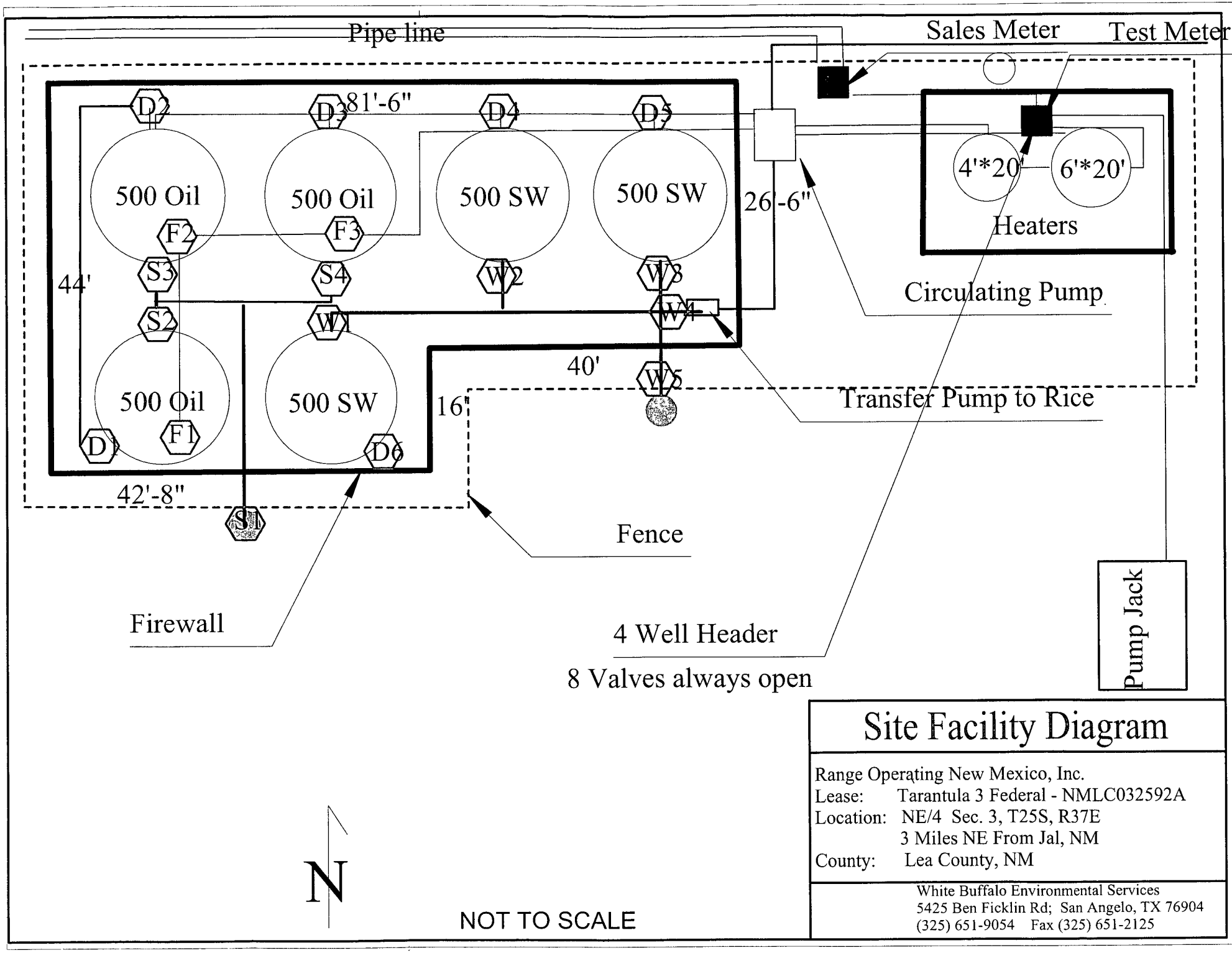
Drinkard
6,058' - 6,060' (3 spf, 6 shots)
6,127' - 6,129' (3 spf, 6 shots)
6,264' - 6,266' (3 spf, 6 shots)

FC est @ 6,455'

PBTD 6436'
TD 6499'

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"



Site Facility Diagram

Range Operating New Mexico, Inc.
Lease: Tarantula 3 Federal - NMLC032592A
Location: NE/4 Sec. 3, T25S, R37E
3 Miles NE From Jal, NM
County: Lea County, NM

White Buffalo Environmental Services
5425 Ben Ficklin Rd; San Angelo, TX 76904
(325) 651-9054 Fax (325) 651-2125

Site Facility Diagram Attachment

Range Operating New Mexico, Inc.
Lease: **Tarantula 3 Federal - NMLC032592A**
Location: NE/4 Sec. 3, T25S, R37E
3 Miles NE From Jal, NM
County: Lea County, NM

This lease is subject to the site security plan for Northwest New Mexico Operations. The plan is located at:

Range Operating New Mexico, Inc.
281 North. Hwy 207
Eunice, NM 88231

(505) 394-1485

and

Range Operating New Mexico, Inc.
113 South 4th Street
Loving, NM 88256

(505) 745-3691

and

Range Resources Corporation
100 Throckmorton Street Suite 1200
Fort Worth TX 76102

(817) 870-2601

Valve Sealing Legend

Production Phase

F1	Closed	S1	Closed	D1	Closed connected to Circulation Pump	W1	Closed
F2	Open	S2	Closed	D2	Closed connected to Circulation Pump	W2	Closed
F3	Open	S3	Closed	D3	Closed connected to Circulation Pump	W3	Open
		S4	Closed	D4	Closed	W4	Open
				D5	Open to head switch	W5	Closed
				D6	Closed		

Site Facility Diagram Attachment

Sales Phase

F1	Closed	S1	Open	D1	Closed connected to Circulation Pump	W1	Closed
F2	Open	S2	Open	D2	Closed connected to Circulation Pump	W2	Closed
F3	Open	S3	Open	D3	Closed connected to Circulation Pump	W3	Open
		S4	Open	D4	Closed	W4	Open
				D5	Open to head switch	W5	Closed
				D6	Closed		

Circulation Phase

F1	Closed	S1	Closed	D1	Open	W1	Closed
F2	Open	S2	Closed	D2	Open	W2	Closed
F3	Open	S3	Closed	D3	Open	W3	Open
		S4	Closed	D4	Closed	W4	Open
				D5	Open to head switch	W5	Closed
				D6	Closed		

Site Security

The site has a locking cattle guard at the entrance to the lease road. The lease road is bounded by a barbed wire fence. The location is bounded by a barbed wire fence. The Tank Battery and Separators are additionally bounded by a barbed wire fence.