Form 3160-5 (April 2004)

UNITED STATES OCD-HOBBS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OM B No. 1004-0137 Expires: March 31, 200 5. Lease Serial No.

SUNDRY	NM027887 6. If Indian, Allottee or Tribe Name						
Do not use the abandoned we							
SUBMIT IN TRI	7. If Unit or CA/Agreement, Name and/or No. 8. Well Name and No.						
1. Type of Well Oil Well							
<u> </u>	Gas Well Other			Bell B Federal #2			
2. Name of Operator Horseshoe Op	erating, Inc.	1		9. API Well No. 30-025-07066			
3a Address 110 W. Louisiana, Suite 200		3b. Phone No. (included) 432-683-1448	le area code)	10. Field an	d Pool, or Exploratory Area		
4. Location of Well (Footage, Sec., 7		r (San Andres) or Parish, State					
660 FSL 660 FEL Section 20-	Lea Co., NM						
12. CHECK AP	PROPRIATE BOX(ES) TO	INDICATE NATU	RE OF NOTICE, R	EPORT, OF	R OTHER DATA		
TYPE OF SUBMISSION		TY	TE OF ACTION				
Notice of Intent	Acidize Alter Casing Casing Repair	Deepen Fracture Treat New Construction	Production (St	art/Resume)	Water Shut-Off Well Integrity Other Hole in thg		
Subsequent Report	Change Plans	Plug and Abandon	Temporarily Al	bandon			
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal				
determined that the site is ready See attached	ion intal inspectable)			- 9 2006	A SWE SWE SOCIOLOGY COLD		
14. I hereby certify that the fore	going is true and correct	1					
Name (Printed/Typed) Word B Wilson		Title	Vice President				
Signature Und	2 Wilm	Date		12/14/2005			
	THIS SPACE FOR	FEDERAL OR	STATE OFFICE	E USE			
Approved by			Title		Date		
Conditions of approval, if any, are certify that the applicant holds lega which would entitle the applicant t	l or equitable title to those rights	e does not warrant or in the subject lease	Office				
	e 43 U.S.C. Section 1212, make it	a crime for any person s as to anymatter within	knowingly and willfull its jurisdiction.	y to make to a	ny department or agency of the United		

(Instructions on page 2)

GWW

WELL DATA SHEET

OPERATO	NB	Horseshoe Operatir	no/ Manhattan	Petroleum Inc		LEASE		Bell-B Feder	al	WELL No.	2
FIELD			r (San Andres			KB:	3955	DF	GL	PBTD	
LOCATIO	N 660 FS	& EL, Sec 20, T-9-S			.06428	-		API# 30-0	25-07066	SPUD DATE	
	TION DATE	Jan, 1961	FORMATIC			I.P. Feb	1961: 442	MCF, 22 BO, 14	BWPD	TD	4,997
HOLE	CSG OD	WT/ GRADE	DEPTH, f	· i			CEMEN	IT REMAI	RKS		
	8-5/8	32/ J-55	389	300 sx neat cn	nt					···	
12-1/4 7-7/8	4-1/2	9.5/ J-55	4,997	235 sx							
1-116	+1/2	a.s/ 5-55	4,007	- 250 SA							· · · · · ·
		<u> </u>									
	WELL BOD	E DIACDAM		CORMATION		OTLIC				-	
	WELL BOR	E DIAGRAM		FORMATION DEPTHS SHOWS - REMARKS						RKS	
	_	2 3/8" 4.7# J-	55 tbg	TOPS	KB	Sub-sea					
DEPTHS	, ft	and the first of the second	<u></u>		-	<u> </u>	<u> </u>				
		Save Save Save Save Save Save Save Save	Redi	Section	-	-	ļ				
	389	8-5/8 32#csg	B/ S			 				····	
	369 35	300 sx reg	Que		 	 		· · · · · · · · · · · · · · · · · · ·			
			Gray		1						
				arker							
0500	",, [[]		San	Andres	4180		Producing	zone. Initial pro	odn ali gas.		
2500)' +/- 	птос	FO	IPMENT INVEN	TORY				<u> </u>		
		• •	<u>-~~</u>	LEGOT HILLS HAVELTIONS.							
			 								
4877 - 4	4900									 , ,	
4950-	· II	Origina	l perfs								
	4005	PBTD									
	4997	4 1/2" 9.5# c	sa Ro	Is & Tbg: Estimated 3	/4" rods & 2	-3/8" tbg_R	ecords incomp	olete.			
DATE	INTERVAL	S		WELL H	ISTORY				BEFORE	AF	TER .
01-06-61	4877 - 4900										
02-23-61	4950 - 4966	2 shots/ ft. Treat	2 shots/ ft. Treated ALL perfs 500 gal gelled acid + 500# mothballs & 5500 gal 15% acid. 592 MCFD, no water								
12-24-64	4871-4966		GOR test report: F: 98 BO, 637 MCF, 40 BWPD ON 16/64 chk								
06-25-02	[same]		Tog talley: 166 jts of 2-3/8 4.7# J55 @ 4954.70'.								
09-04-99 06-24-02	(same)		Pump change: Had 196 - 3/4 rods, one 4' pony rod + 1 - 6' pony. Pump = 2 x 1-1/2 x 16' w/ a 1" x 6" gas ancho ? 3000 gal 15% HCl + 1200# rock salt block down tbg 4.4 -4.9 bpm, w/ 1000-2160 psi. ?								
00-24-02	[same]	3000 gai 15 % 11c	7 - 1200# 100K 0								
PROC	EDURE:	To repair appare	nt tbg leak.								
								·			
1.	MIRUPU. Ho	t-oil tbg. Hot-oil flo	wline, while p	ulling & visually in	nspecting	rods. Ha	ve pump sl	hopped.			
2.	Release TAC	, strip on BOP, tag	btm & strap	out Look tbg over	rwhile Po	OH, check	ing out TA	C, SN & other	BHA.		
					-b Ci	0 740 -	the 01-1-	# DOD 0 1"	nemer 45.5	1-4-	
3.	Replace any	faulty tbg string co	mponent whi	e TIH w/ mud and	cnor, SN	a IAU ON	ιog. Strip (OIL ROL & NO	pmpg tee w/ p	iate.	
	Days 25	pump & rods. Sea	l nmn anasa	out & hand on I	oad that	ul water 2	POP Cha	ock numn activ	n & ROMODII		
4.	run repaired	pump & rous. Sea	ı priip, space	out or namy on. L	Jau IDY V	W WAIGI G		on pamp acti	a radinor o	•	
5.	Put well on te	est .						· · · · · · · · · · · · · · · · · · ·		····	
J .											
											
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REMARKS	: New perfe	orating targets are	acknowledge	d on Emies' Wel	lbore Dia	gram: 49	28-34 & 49	48-70'.			
REMARKS: New perforating targets are acknowledged on Emies' Wellbore Diagram: 4928-34 & 4948-70'.											
<u></u>									Prepar	red By: Bo	b Yeates
WelData/Pro	oa vle								- pu		2-07-05

WelData/Prog.xls