Form 3160-5 (April 2004)

OCD-HOBBS UNITED STATES

FORM APPROVED OM B No. 1004-0137 Exprires: 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 Other 2. Name of Operator Horseshoe Operating, Inc. 3a Address 110 W. Louisiana, Suite 200 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Section 24-T9S-R37E John No Gaster John No	and/or No.
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Submit in triplicate Other Standard Other Submit in triplicate Other Other Other	and/or No.
NM71124 (SW-31) 1. Type of Well Oil Well Gas Well Other 1. Type of Operator Horseshoe Operating, Inc. 2. Name of Operator Horseshoe Operating, Inc. 3b. Phone No. (include area code) 432-683-1448 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Section 24-T9S-R37E 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION 12. Check Appropriate Despen Production (Start/Resume) Water Shut-Off Water Shut-Off Water Shut-Off Well Integrity Casing Repair New Construction Recomplete	
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2. Name of Operator Horseshoe Operating, Inc. 3a Address 3b. Phone No. (include area code) 432-683-1448 10. Field and Pool, or Exploratory Area Sawyer (San Andres) 11. County or Parish, State Lea Co., NM 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Alter Casing Alter Casing Production (Start/Resume) Water Shut-Off Well Integrity Well Integrity Well Integrity Other Other	иса
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Acidize Deepen Production (Start/Resume) Water Shut-Off Notice of Intent Alter Casing Fracture Treat Recomplete Casing Repair New Construction Recomplete	
✓ Notice of Intent ☐ Alter Casing ☐ Fracture Treat ☐ Reclamation ☐ Well Integrity ☐ Subsequent Report ☐ Casing Repair ☐ New Construction ☐ Recomplete ✓ Other	
Subsequent Report Casing Repair New Construction Recomplete	
Subsequent Report Casing Repair	
Final Abandonment Notice Convert to Injection Plug Back Water Disposal	
See attached APPROVED JAN - 9 2006)
GARY GOURLEY PETROLEUM ENGINEER	ER
PETROLEUM ENGINEER 14. I hereby certify that the foregoing is true and correct	ER
PETROLEUM ENGINEER	ER
14. Thereby certify that the foregoing is true and correct Name (Printed/Typed)	ER
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Word B Wilson Title Vice President	ER
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Word B Wilson Signature Title Vice President Date 12/14/2005 THIS SPACE FOR FEDERAL OR STATE OFFICE USE	ER
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Word B Wilson Title Vice President Date 12/14/2005 THIS SPACE FOR FEDERAL OR STATE OFFICE USE	ER
APPROVID	be fi

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 anymatter within its jurisdiction.

(Instructions on page 2)

GWW

WELL DATA - PROG SHEET

							EEI				
OPERATO	OR	Hors	seshoe Opera	ing		LEASE Aikman Brother		rothers Federal	v	VELL No	1
FIELD		Sawye	er (San Andres)		KB:	3980 DF	GL_		PBTD_	5,003
LOCATIO	N 660 FI	i&EL, Sec 24, T-9-S,	R-37-E, Lat-3	3.52514, Long-103	3.09904		API #	30-025-049760	SP	UD DATE	12-21-60
COMPLE	TION DATE	Jan, 1961	FORMATIO	N San Ar	ndres	I.P. F: 10	BO, 920 MCF & 2	2 BWPD on 26/64 @	? FTP	TD_	5,025
HOLE	CSG OD	WT/ GRADE	DEPTH,	t I			CEMENT	REMARKS		······································	
17-1/2	8-5/8	24#	412	300 sx reg.							
7-7/8	4-1/2	11.60/ J55	5,025								
	T.D.		5,025				·····				
	WELL BOD	E DIACRAM		FORMATION	DE	PTHS [
WELL BORE DIAGRAM DEPTHS, ft				TOPS	КВ	Sub-sea	SHOWS - REMARKS				
DEPT	Η5, π	2 3/8" 4.7# J-	55 tbg	105	<u></u>	Sub-sea					
	ARRIVAGET STATE	Lane Danishara	Bad	peds		 		 			
	3			Section Section	-						
	412	8-5/8 csg	B/ S			+					
	412 419	300 sx reg	Que			1 1					·
			Gra	burg	1				******		
	11		Pi I	larker							
	1		San	Andres			Producing zone				
			FO	JIPMENT INVE	NTORY:		<u></u>		······································		
	Battery: 24 x 10 G/O Seperator, 4 x 20 [cold] treater, 300 bbl [wooden] SW tank, 300 bbl weided										
	11						eel tank (surplus, d				
4932-	4954	Original perfs [5-						sgl phased A/C mot	or Imfa.	plate	
4968-		New perfs [66					nas external "Phas				
	5003	PBTD		ation small, grown			W. 17 J				
1	5025	4 1/2" 11.6#	csg Ro	ds: [8/2001] 198 -	3/4 steel, 2	- 2' & 2 - 4'	pony rods. The pur	mp may be a 2 x 1-1/	2 X 16 E	SHD.	
			Tu	oing: 2-3/8 EUE 4	.7# J55 [ap	prox. 160 jts].				
DATE	LINTEDVAL	6.1		WELL	HISTORY	/		BEFO	DE 1	AFTI	D
DATE	INTERVAL		0 18450 45			·			, \	7()	
01-18-61	4932-4954	Acidized W/ 50	u gai MEC 15'	s & Tulbuu dai 15°		ÿ/		T.D.		40 00 0	NO 8 800 FD
l.	1			- c. 10,000 ga. 10	% XLST 159	%		I P:		10 BO & 92	0 MCFD
					% XLST 159	%		I P:		10 BO & 92	20 MCFD
					% XLST 159	%		IP:		10 BO & 92	20 MCFD
					% XLST 159	%		I P:		10 BO & 92	20 MCFD
			OTA				ulata all zanas		oc tro		20 MCFD
PRO	OCEDURE:	To clean-out to P	BTD, open n				nulate all zones	IP:	ac tre		20 MCFD
				ew pay, re-perf	old pay zo	ones & stin		with a CO ₂ acid-fr		atment.	
1.	Shoot fluid I	evel. Record tbg	& csg press	ew pay, re-perf ures. * Scrape	old pay zo	ones & stin & dig out (cellar. Set 500 i	with a CO ₂ acid-fr		atment.	
1. (di	Shoot fluid l	evel. Record tbg	& csg press a clean 500	ew pay, re-perf ures. * Scrape bbl tank with fi	old pay zo	ones & stin & dig out o	cellar. Set 500 i sg & tbg down	with a CO ₂ acid-frobbl [van-type] fracinto 'dirty' tank.	c tank	atment.	
1. (di 2.	Shoot fluid I irty) fluids rec MIRUPU. S	evel. Record tbg covery. Set & Fill et up H ₂ S gear. U	& csg press a clean 500 Inseat pum	ew pay, re-perf ures. * Scrape bbl tank with fo & hot-oil tbg v	old pay zo	ones & stin & dig out o	cellar. Set 500 i sg & tbg down	with a CO ₂ acid-fr	c tank	atment.	
1. (di 2.	Shoot fluid I irty) fluids red MIRUPU. So 3/8 4.7# J-55	evel. Record tog overy. Set & Fill et up H ₂ S gear. L work string, bit s	& csg press a clean 500 Inseat pum ub & 3-7/8	ew pay, re-perf ures. * Scrape bbl tank with fr & hot-oil tbg v V/O bit.	old pay zo location a resh wate w/ 20 bbls	ones & stim & dig out our. Bleed co. Treat flo	cellar. Set 500 l sg & tbg down wline w/ 5 bbls	with a CO ₂ acid-frobbl [van-type] fractinto 'dirty' tank. hot-oil. Set racks	c tank	atment. for wellbore load 5100'	
1. (di 2. 2-3	Shoot fluid I irty) fluids red MIRUPU. So 3/8 4.7# J-55 Unseat pmp	evel. Record tog overy. Set & Fill et up H ₂ S gear. L work string, bit s & hot-oil down to	& csg press a clean 500 Inseat pum tub & 3-7/8 bg. Pull & vi	ew pay, re-perf ures. * Scrape bbl tank with fi & hot-oil tbg v N/O bit. sually inspect r	old pay zo location a resh wate w/ 20 bbls	enes & stime. dig out	cellar. Set 500 l sg & tbg down wline w/ 5 bbls p. Prep to repla	with a CO ₂ acid-frobbl [van-type] fractinto 'dirty' tank. hot-oil. Set racks	c tank	atment. for wellbore load 5100'	of
1. (di 2. 2-5	Shoot fluid I irty) fluids red MIRUPU. S 3/8 4.7# J-55 Unseat pmp Release TA	evel. Record tog overy. Set & Fill et up H ₂ S gear. U work string, bit s & hot-oil down to C, NU BOP, tag	& csg press a clean 500 Inseat pum sub & 3-7/8 bg. Pull & vi btm & strap	ew pay, re-perf ures. * Scrape bbl tank with fr & hot-oil tbg v N/O bit. sually inspect r out of hole. Ra	old pay zo location a resh wate w/ 20 bbls rods. Sho lock tbg on	& dig out one. Bleed co. Treat floop the pum one side.	cellar. Set 500 l sg & tbg down wline w/ 5 bbls p. Prep to repla Visually inspec	with a CO ₂ acid-frobl [van-type] fractinto 'dirty' tank. hot-oil. Set racks ace any rods, box ct tbg, LD any ba	c tank & off- es, etc	atment. for wellbore load 5100'	of
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1. (di 2. 2-3 3. 4. 5. ac 6. Lo	Shoot fluid I irty) fluids rec MIRUPU. S 3/8 4.7# J-55 Unseat pmp Release TA Set in reversid on btm. PC RU WL. Per and 45 cal. sh	evel. Record tog overy. Set & Fill et up H ₂ S gear. L work string, bit s & hot-oil down to C, NU BOP, tag se & foam units. DH, remove bit & f & re-perf csg w ots & fire from th	& csg press a clean 500 Inseat pum sub & 3-7/8 bg. Pull & vi btm & strap RIH w/ W/C sub and sta // 3 CJPF ea e bottom up	ew pay, re-perf ures. * Scrape bbl tank with fo & hot-oil tbg v N/O bit. sually inspect r out of hole. Ra bit on work str nd back work s ch, @ 5000-49 w/ a Select-Fi	old pay zo location of resh water w/ 20 bbls rods. Sho lock tbg on ing & RU string. 196, 4990- re hollow	& dig out out. Bleed control Treat floo p the pum one side. drig eqpt, -80, 4976- steel carri	cellar. Set 500 l sg & tbg down wline w/ 5 bbls p. Prep to repla Visually inspec & clean out to -68' [66 shots], ier [HSC] if pos	with a CO ₂ acid-frobbl [van-type] fractinto 'dirty' tank. hot-oil. Set racks ace any rods, boxet tbg, LD any bar PBTD. Spot 65 g & 4954-46, 4932 sible.	e tank & off- ces, etc d tbg jt gal 7.5° to 494	atment. for wellbore load 5100' c. is or collars % dbl inhib	of NEFe
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1. (di 2. 2-3 3. 4. 5. ac 6. Lo 7. of	Shoot fluid I irty) fluids rec MIRUPU. So 3/8 4.7# J-55 Unseat pmp Release TA Set in reversid on btm. PC RU WL. Per and 45 cal. sh RIH w/ PPI both new & C	evel. Record tog overy. Set & Fill et up H ₂ S gear. L work string, bit s & hot-oil down th C, NU BOP, tag se & foam units. DH, remove bit & f & re-perf csg w ots & fire from th pkr string to btm	& csg press a clean 500 Inseat pum ub & 3-7/8 bg. Pull & vi btm & strap RIH w/ W/C sub and str // 3 CJPF exe e bottom up shot. Rig up rom btm to	ew pay, re-perf ures. * Scrape bbl tank with fo & hot-oil tbg v N/O bit. sually inspect r out of hole. Ra bit on work str nd back work str nd back work str nd back work str nd select-Fi acid treater. F op. After flow-l	old pay zo location a resh wate w/ 20 bbls rods. Sho lock tbg on ing & RU string. 1996, 4990- re hollow Progressiv back, RU	& dig out of the pum one side. drig eqpt, 4976-steel carrively breake to swab.	cellar. Set 500 l sg & tbg down wline w/ 5 bbls p. Prep to repla Visually inspec & clean out to -68' [66 shots], ier [HSC] if pos down & pump 5	with a CO ₂ acid-frobbl [van-type] fractinto 'dirty' tank. hot-oil. Set racks ace any rods, boxet tbg, LD any bar PBTD. Spot 65 g & 4954-46, 4932 sible. 50 gal 15% NeFe	e tank & off- es, etc d tbg jt jal 7.5° to 494 acid in	ofment. for wellbore load 5100' is or collars dbl inhib 12' [54 shot	of NEFe
1. (di 2. 2-3 3. 4. 5. ac 6. Lo 7. of	Shoot fluid I irty) fluids rec MIRUPU. Si 3/8 4.7# J-55 Unseat pmp Release TA Set in revended on btm. PC RU WL. Per lad 45 cal. sh RIH w/ PPI both new & C Swab tbg [S	evel. Record tog covery. Set & Fill et up H ₂ S gear. L work string, bit so & hot-oil down to C, NU BOP, tag I se & foam units. OH, remove bit & f & re-perf csg w ots & fire from th pkr string to btm old perforations, f	& csg press a clean 500 Inseat pum ub & 3-7/8 bg. Pull & vi btm & strap RIH w/ W/C sub and str // 3 CJPF exe e bottom up shot. Rig up rom btm to	ew pay, re-perf ures. * Scrape bbl tank with fo & hot-oil tbg v N/O bit. sually inspect r out of hole. Ra bit on work str nd back work str nd back work str nd back work str nd select-Fi acid treater. F op. After flow-l	old pay zo location a resh wate w/ 20 bbls rods. Sho lock tbg on ing & RU string. 1996, 4990- re hollow Progressiv back, RU	& dig out of the pum one side. drig eqpt, 4976-steel carrively breake to swab.	cellar. Set 500 l sg & tbg down wline w/ 5 bbls p. Prep to repla Visually inspec & clean out to -68' [66 shots], ier [HSC] if pos down & pump 5	with a CO ₂ acid-frobbl [van-type] fractinto 'dirty' tank. hot-oil. Set racks ace any rods, boxet tbg, LD any bar PBTD. Spot 65 g & 4954-46, 4932 sible.	e tank & off- es, etc d tbg jt jal 7.5° to 494 acid in	ofment. for wellbore load 5100' is or collars dbl inhib 12' [54 shot	of NEFe
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Prepared By: Bob Yeates
Date: 12-08-05