Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0135

	Expires:	July	31,	2010)
ease Scri	al No.				

SUNDRY NOTICES AND REPORTS ON WELLS					NMSF078244		
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. Type of Well — Cas Well — Other					6. If Indian, Allottee of	r Tribe Name	
					7. If Unit or CA/Agreement, Name and/or No.		
					8. Well Name and No. SOUTHERN UNION 1M		
Oil Well Gas Well Oth	9. API Well No.						
PATINA OIL & GAS CORP	SE om		30-045-23874-0	0-S1			
Address 1625 BROADWAY STE 2000 DENVER, CO 80202		3b. Phone No Ph: 303-22 Fx: 303-228		e)	10. Field and Pool, or Exploratory UNNAMED		
Location of Well (Footage, Sec., T	., R., M., or Survey Description			11. County or Parish,	and State		
Sec 19 T31N R12W NESE 18 36.88271 N Lat, 108.13144 W				SAN JUAN CO	JNTY, NM		
12. CHECK APPE	ROPRIATE BOX(ES) TO	O INDICATE	NATURE OF 1	NOTICE, RE	EPORT, OR OTHER	R DATA	
TYPE OF SUBMISSION		*	ТҮРЕ О	F ACTION			
Notice of Intent	Acidize	□ Dee	pen	Product	ion (Start/Resume)	☐ Water Shut-Off	
	Alter Casing	□ Frac	ture Treat	☐ Reclam	ation	☐ Well Integrity	
Subsequent Report	Casing Repair	□ Nev	Construction	Recomp Re	olete	Other	
Final Abandonment Notice	Change Plans	n Plug	and Abandon	Tempor	arily Abandon	_	
	Convert to Injection	· D Plug	Back	□ Water I	Disposal		
testing has been completed. Final Abdetermined that the site is ready for final NOBLE ENERGY, INC. RESP	inal inspection.)	·	•		•	and the operator has	
WORKOVER DETAILS SENT			ξ.				
					Dolle Line	14100	
					RCVD MAY	· - -	
				OIL COM			
					DIST		
Nork done %	7 - 9/13-2007)				•		
I hereby certify that the foregoing is	Electronic Submission # For PATINA C	60252 verified	RP, sent to the F	armington	•		
Committed to AFMSS for processing by STEVE Namc(Printed/Typed) JEAN M MUSE				05/13/2008 (08 LATORY CO	•		
OLY II VIII	1002		1	27110111 00	WII ZIVITOL		
Signature (Electronic S			Date 05/12/2				
	THIS SPACE FO	OR FEDERA	L OR STATE	OFFICE U	SE 		
proved By ACCEPT	ED		STEPHEN TitlePETROLE		EER	Date 05/13/20	
litions of approval, if any, are attached y that the applicant holds legal or equ h would entitle the applicant to condu	itable title to those rights in the	Office Farming	aton				

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.

Office Farmington

		Noble Energy	Inc Daily Drilling Report	Date: Fri 09/07/2007 Rpt	#:1
WELL NAM	E: SOUTHE	RN UNION 1M	Contractor: DRAKE	Spud Date:	03/12/1980
Well ID:	30-045-2	3874	RIG: 19	State:	NEW MEXICO
DSS:	10040		DOL: 1	County:	SAN JUAN
AFE #:	07WC5006		GL Elev:	LAST CSG TES	ST:
DIVISION	: PATINA	DEV	RKB to GL:	LAST BOP TES	ST:
CO. MEN:	Keith St	ills	RKB to Sea Lv1:	BOP TEST DUE	::
PROGRESS	0 HRS:	0	LAST CASING: EMW:	BOP FUNC TST	DUE:
MD:0 TVD	:0 PBMD:	•	SHOE MD: SHOE TVD:	CSG DATE SET	12
Plan MD:	Plan TVD:		Wgt: Grd:		
		rig, POOH, RIH	Wgt: Grd:		
Current A	ctrvrty: RU		with packer. Pressure test.		
Current A	etivity: RU	r programme	with packer. Pressure test.		
Current A	etivity: RU		with packer. Pressure test.		o de elektrones et ekspres
From \$ \$ To 07:00 07:30 08:0	Hrs Cc 0 050 07 0 0.50 25	Safety meeting. Service	with packer. Pressure test.		ry Arabity (1900 design 1897)
From \$ 100 To 07:00 07:30 08:00 10:0	Hrs Cc 0 0 50 07 0 0.50 25 0 2.00 01	Safety meeting. Servic Road ng to location Spot rig. RU rig.	with packer. Pressure test. Activity L		ত কৰিছে হৈছিল কৰিছিল
From \$ 1/2 To 07:00 07:30 08:00 10:0	**************************************	Safety meeting. Servic Road ng to location Spot rig. RU rig.	with packer. Pressure test. Activity L eng.		চ উন্নাধ্যক্ত কৰা স্থিতি
From \$ 10.70 07:30 08:00 10:00 11.3 11:30 13:0	Hrs* Cc 0 0.50 07 0 0.50 25 0 2.00 01 0 1.50 F 0 1.50 14	Safety meeting. Service Road ng to location Spot rig. RU rig. RU lines. Bleed well do	with packer. Pressure test. Activity. L. e rig. own. P. RU floor, tongs, etc		y North Springer and Springer
From \$ 10.70 07:30 08:00 10:00 11.3 11:30 13:0	Hrst Cc 0 0 50 0 50 0 0 250 0 2.00 01 0 1.50 F 0 1.50 B	Safety meeting. Service Road rig to location Spot rig. RU rig. RU lines. Bleed well di ND wellhead. NU BOR Refease the donut and PU a size 5 1/2" packe	with packer. Pressure test. Activity. L. e rig. own. P. RU floor, tongs, etc	ast 24:Hours	st the CIBP to 2000 PSI.

			N	oble Energy Inc Daily Drilling Report Date: Sat 09/08/2007 Rpt#-2
Curre	mt Act	ivitý:	Squ	eeze the Menefee Perforations.
		A Hrs &	Cd	Activity Last 24 Hours
	07:30		07	Safety meeting. Service rig.
07:30	13:00	5.50	F	RU a cement truck and create an injection rate of 1 1/2 BPM at 800 PSI. Mix 50 sacks of class B cement into the Menefee form It locked up at 2000 PSI. Checked bleed back (OK), Released packer and reversed 4 bbls of cement plus double the tubing vol Pulled 4 jbs. Set packer. Pressured up to 1000 PSI. RD cement equipment. SWIFWE. Cement Job 50 Sacks of Class B Sturry volume - 10.5 bbls Weight - 15.6 PPG Yield - 118
	Total	Hrs 6.00	L	Attention: Billie Maez
			No	ble Energy Inc Daily Drilling Report Date: Tue 09/11/2007 Rpt#:3
Curre	nt Act	ivity:	200	H. RIH with bit. Drill out cement. POOH. RIH with mill.
tert care Circ				
Frame	To	Hrs.	Cd	Activity Last 24 Hours
07:00	07:30	0.50	07	Safety meeting. Service rig.
07:00 07:30	07:30 08:30	0.50 1.00	07 B	Safety meeting. Service rig. Release packer POOH. LD packer.
07:00 07:30 08:30	07:30 08:30 10:00	0.50 1.00 1.50	07 B	Safety meeting, Service fig. Release packer POOH, LD packer. PIJ a size 4 2/47 bit 4 drill collars, and RIH to top of cement at 4125 ft.
07:00 07:30	07:30 08:30	0.50 1.00	07 B	Safety meeting, Service fig. Release packer POOH, LD packer. PU a size 4 3/4* bit, 4 dnill collars, and RIH to top of cement at 4125 ft. RU the swivel. Break reverse circulation and drill cement from 4125 ft to 4246 ft. RIH and tag fill at 4342 ft. (CIBP at 4346 ft).
07:00 07:30 08:30 10:00	07:30 08:30 10:00 14:30	0.50 1.00 1.50 4.50	07 B B F	Safety meeting. Service rig. Release packer POOH. LD packer. PU a size 4 3/4* bit, 4 drill collars, and RIH to top of cement at 4125 ft. Ru the swivel. Break reverse circulation and drill cement from 4125 ft to 4246 ft. RIH and tag fill at 4342 ft. (CIBP at 4346 ft) the casing clean and pressure test to 1000 PSI. Hold 10 minutes.
07:00 07:30 08:30	07:30 08:30 10:00	0.50 1.00 1.50	B B F	Safety meeting. Service fig. Release packer POOH. LD packer. PU a size 4 34" bit, 4 6/nil collars, and RIH to top of cement at 4125 ft. RU the swivel. Break reverse circulation and drilt cement from 4125 ft to 4246 ft. RIH and tag fill at 4342 ft. (CIBP at 4346 ft) the casing clean and pressure test to 1000 PSI. Hold 10 minutes. RD swivel and POOH. PU a 4 34" mill and RIH to 2500 ft. RU air package and circulate water from the casing. Finish RIH to the top of fill. Circulate
07:00 07:30 08:30 10:00	07:30 08:30 10:00 14:30	0.50 1.00 1.50 4.50	B B F	Safety meeting. Service rig. Release packer POOH. LD packer. PU a size 4 3/4* bit, 4 dril collars, and RIH to top of cement at 4125 ft. Release packer reverse circulation and dril cement from 4125 ft. Rither casing clean and pressure test to 1000 PSI. Hold 10 minutes. RD swivel and POOH.
07:00 07:30 08:30 10:00	07:30 08:30 10:00 14:30 16:00 17:30	0.50 1.00 1.50 4.50 1.50	07 B B F B B	Safety meeting. Service rig. Release packer POOH. LD packer. PU a size 4 3/4* bit, 4 drill collars, and RIH to top of cement at 4125 ft. RU the swivel. Break reverse circulation and drill cement from 4125 ft to 4246 ft. RIH and tag fill at 4342 ft. (CIBP at 4346 ft) the casing clean and pressure test to 1000 PSI. Hold 10 minutes. RD swivel and POOH. PU a 4 3/4* mill and RIH to 2500 ft. RU air package and circulate water from the casing. Finish RIH to the top of fill. Circulate the water from the casing.
07:00 07:30 08:30 10:00	07:30 08:30 10:00 14:30 16:00 17:30	0.50 1.00 1.50 4.50	07 B B F B	Safety meeting. Service fig. Release packer POOH. LD packer. PU a size 4 3/4* bit, 4 dnill collars, and RIH to top of cement at 4125 ft. RU the swivel. Break reverse circulation and dnill cement from 4125 ft to 4246 ft. RIH and tag fill at 4342 ft (CIBP at 4346 ft) the casing clean and pressure test to 1000 PSI Hold 10 minutes. RD swivel and POOH PU a 4 3/4* mill and RIH to 2500 ft. RU air package and circulate water from the casing. Finish RIH to the top of RII. Circulate the water from the casing. Attention: Billie Maez
07:00 07:30 08:30 10:00	07:30 08:30 10:00 14:30 16:00 17:30	0.50 1.00 1.50 4.50 1.50	07 B B F B	Safety meeting. Service fig. Release packer POOH. LD packer. PU a size 4 3/4* bit, 4 dnil collars, and RIH to top of cement at 4125 ft. RU the swivel. Break reverse circulation and drill cement from 4125 ft to 4246 ft. RIH and tag fill at 4342 ft. (CIBP at 4346 ft) the casing clean and pressure test to 1000 PSI. Hold 10 minutes. RD swivel and POOH. PU a 4 3/4* mill and RIH to 2500 ft. RU air package and circulate water from the casing. Finish RIH to the top of fill. Circulate the water from the casing.
07:00 07:30 08:30 10:00 14:30 16:00	07:30 08:30 10:00 14:30 16:00 17:30	0.50 1.00 1.50 4.50 1.50 1.50	B B B B	Safety meeting. Service fig. Release packer POOH. LD packer. PU a size 4 3/4* bit, 4 dnill collars, and RIH to top of cement at 4125 ft. RU the swivel. Break reverse circulation and dnill cement from 4125 ft to 4246 ft. RIH and tag fill at 4342 ft. (CIBP at 4346 ft) the casing clean and pressure test to 1000 PSI. Hold 10 minutes. RD swivel and POOH. PU a 4 3/4* mill and RIH to 2500 ft. RU air package and circulate water from the casing. Finish RIH to the top of fill. Circulate the water from the casing. Attention: Billie Maez.
07:00 07:30 08:30 10:00 14:30 16:00	07:30 08:30 10:00 14:30 16:00 17:30	0.50 1.00 1.50 4.50 1.50 1.50	B B B B	Salety meeting. Service (ig. Release packer POOH. LD packer. PU a size 4 3/4* bit, 4 dnill collars, and RIH to top of cement at 4125 ft. RU the swivel. Break reverse circulation and drill cement from 4125 ft to 4246 ft. RIH and tag fill at 4342 ft. (CIBP at 4346 ft) the casing clean and pressure test to 1000 PSI. Hold 10 minutes. RD swivel and POOH PU a 4 3/4* mill and RIH to 2500 ft. RU air package and circulate water from the casing. Finish RIH to the top of fill. Circulate the water from the casing. Attention: Billie Maez bble Energy Inc. Daily Drilling Report. Date: Wed 09/12/2007 Rpt#-4
07:00 07:30 08:30 10:00 14:30 16:00	07:30 08:30 10:00 14:30 16:00 17:30	0.50 1.00 1.50 4.50 1.50 1.50 1.50	BBBBBBBCCd	Safety meeting. Service fig. Release packer POOH. LD packer. PU a size 4 3/4* bit, 4 offil collars, and RIH to top of cement at 4125 ft. RU the swivel. Break reverse circulation and drift cement from 4125 ft to 4246 ft. RIH and tag fill at 4342 ft. (CIBP at 4346 ft) the casing clean and pressure test to 1000 PSI. Hold 10 minutes. RD swivel and POOH. PU a 4 3/4* mill and RIH to 2500 ft. RU air package and circulate water from the casing. Finish RIH to the top of fill. Circulate the water from the casing. Attention: Billie Maez. PUBLE Energy Inc. Daily Drilling Report. Date: Wed 09/12/2007 Rpt#-4 1 out CIBP. Clean out to 5025 ft. POOR.
07:00 07:30 08:30 10:00 14:30 16:00 Curres From: 08:00	07:30 08:30 10:00 14:30 16:00 17:30 Total I	0.50 1.00 1.50 4.50 1.50 1.50 1.50 1.50 1.50 1.50 3.00	BBBBBBCCd	Safety meeting. Service rig. Release packer POOH. LD packer. PU a size 4 3/4* bit, 4 dnil collars, and RIH to top of cement at 4125 ft. RU the swivel. Break reverse circulation and dnil cement from 4125 ft. to 4246 ft. RIH and tag fill at 4342 ft. (CIBP at 4346 ft.) the casing clean and pressure test to 1000 PSI. Hold 10 minutes. RD swivel and POOH PU a 4 3/4* mill and RIH to 2500 ft. RU air package and circulate water from the casing. Finish RIH to the lop of fill. Circulate the water from the casing. Attention: Billie Maez Attention: Billie Maez Dolle Energy Inc Daily Drilling Report Date: Wed 09/12/2007 Rpt#-4 1 out CIBP. Clean out to 5025 ft. POOR. Safety meeting. Service rig. RU swivel. Break circulation with air mist and mill out the CIBP at 4346 ft. Sweep the casing 2 times.
07:00 07:30 08:30 10:00 14:30 16:00 Curred From: 08:00 08:30	07:30 08:30 10:00 14:30 16:00 17:30 Total I	0.50 1.00 1.50 4.50 1.50 1.50 1.50 1.50 1.50 1.50 3.00	BBBBBBCCd	Safety meeting. Service ig. Release packer POOH. LD packer. PU a size 4 3/4* bit, 4 offil collars, and RIH to top of cement at 4125 ft. RU the swivel. Break reverse circulation and drill cement from 4125 ft. to 4246 ft. RIH and tag fill at 4342 ft. (CIBP at 4346 ft.) RD swivel and POOH PU a 4 3/4* mill and RIH to 2500 ft. RU air package and circulate water from the casing. Finish RIH to the top of fill. Circulate the water from the casing. Attention: Billie Maez PUBLE Clean out to 5025 ft. POOR. Safety meeting. Service ig.
07:00 07:30 08:30 10:00 14:30 16:00 Curred From: 08:00 08:30	07:30 08:30 10:00 14:30 16:00 17:30 Total :	0.50 1.00 1.50 4.50 1.50 1.50 1.50 1.50 1.50 1.50 3.00	B B B NC M111 Cd 07 F 23	Safety meeting. Service rig. Release packer POOH. LD packer. PU a size 4 3/4* bit, 4 dnil collars, and RIH to top of cement at 4125 ft. RU the swivel. Break reverse circulation and drill cement from 4125 ft to 4246 ft. RIH and tag fill at 4342 ft. (CIBP at 4346 ft) the casing clean and pressure test to 1000 PSI. Hold 10 minutes. RD swivel and POOH PU a 4 3/4* mill and RIH to 2500 ft. RU air package and circulate water from the casing. Finish RIH to the lop of fill. Circulate the water from the casing. Attention: Billie Maez Attention: Billie Maez Dolle Energy Inc Daily Drilling Report Date: Wed 09/12/2007 Rpt#-4 1 out CIBP. Clean out to 5025 ft. POOR. Safety meeting. Service rig. RU swivel. Break circulation with air mist and mill out the CIBP at 4346 ft. Sweep the casing 2 times.
07:00 07:30 08:30 10:00 14:30 16:00 Curres From: 08:00 08:30 11:30	07:30 08:30 10:00 14:30 16:00 17:30 Total (-) Total (-) 08:30 11:30	0.50 1.00 1.50 4.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1	B B B NC Mill Cd 7 F 23 F	Safety meeting. Service rig. Release packer POOH. LD packer. PU a size 4 3/4" bit, 4 drill collars, and RIH to top of cement at 4125 ft. RU the swivel. Break reverse circulation and drill cement from 4125 ft to 4246 ft. RIH and tag fill at 4342 ft. (CIBP at 4346 ft) the casing clean and pressure test to 1000 PSI. Hold 10 minutes. RD swivel and POOH PU a 4 3/4" mill and RIH to 2500 ft. RU air package and circulate water from the casing. Finish RIH to the top of fill. Circulate the water from the casing. Attention: Billie Maez Dile Energy Inc. Daily Drilling Report. Date: Wed 09/12/2007 Rpt#-4 1 out CIBP. Clean out to 5025 ft. POOR. Safety meeting. Service rig. RU swivel. Break circulation with air mist and mill out the CIBP at 4346 ft. Sweep the casing 2 times. RD the swivel and RIH - PU tubing to the top of fill at 4958 ft. (34 ft. of perfs covered - 81 ft. of fill).
07:00 07:30 08:30 10:00 14:30 16:00 Curres From: 08:00 08:30 11:30	07:30 08:30 10:00 14:30 16:00 17:30 Total (: 08:30 11:30 12:00 15:30	0.50 1.00 1.50 4.50 1.50 1.50 1.50 ivity:	B B B NC Mill Cd 7 F 23 F	Safety meeting. Service fig. Release packer POOH. LD packer. PUI a size 4 34" bit, 4 6/fill collars, and RIH to top of cement at 4125 ft. RU the swivel. Break reverse circulation and drill cement from 4125 ft to 4246 ft. RIH and tag fill at 4342 ft. (CIBP at 4346 ft) the casing clean and pressure test to 1000 PSI. Hold 10 minutes. RD swivel and POOH PU a 4 34" mill and RIH to 2500 ft. RU air package and circulate water from the casing. Finish RIH to the lop of fill. Circulate the water from the casing Attention: Billie Maez DIE Energy Inc Daily Drilling Report Date: Wed 09/12/2007 Rpt#-4 1 out CIBP. Clean out to 5025 ft. POOR. Safety meeting. Service fig. RU swivel. Break circulation with air mist and mill out the CIBP at 4346 ft. Sweep the casing 2 times. RD be swivel and RIH.—PU tubing to the top of fill at 4958 ft. (34 ft. of perfs covered -81 ft. of fill). Break circulation with air mist and clean out hard scale to 5025 ft. (33 ft. below the perfs). Sweep casing 2 times.

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	, M	oble Energy Inc	Daily Dr	illing Report	Date: Thu 09/13/2007 Rpt#				
WELL NAME:	SOUTHE	RN UNION 1M	Contractor	RAKE	Spud Date:	03/12/2930			
Well ID:	30-045-23	874	RIG:	19	State:	NEM WEXICO			
DSS:	10046		DOL:	5	County:	san juan			
AFE #:	07WC5006		GL Elev:		LAST CSG TEST	':			
DIVISION:	PATINA I	EA	RKB to GL:		LAST BOP TEST	:			
CO. MEN:	Keith St	.lls	RKB to Sea	Lvl:	BOP TEST DUE:				
PROGRESS:	0 HRS:	0	LAST CASIN	G: EMW:	BOP FUNC TST	DUE:			
MD:0 TVD:0	PEMD:		SHOE MD:	SHOE TVD:	CSG DATE SET:				
Plan MD: P	lan TVD:		Wgt: Grd:						
Current Acti	ivity: RII	with production	string. ND	NU, RD rig.					
From Total	Hrs Cd	ENGRALES POSSES		Activity Las	1 24 Hours				
07:00 07:30		Safety meeting. Service rig.							
07:30 09:30					the sand line and broach the tubing o				
09:30 11:00		Land tubing RD floor, tongs Circulate water from the casi		J wellhead. Drop ball, i	RU air package and expend the che	ck valve (went to 675 PSI).			
11:00 12:30		RD ng and equipment. Rele		iurs on 09/12/07.					
	[Production String.	•						
		10.00 KB							
	1	4927.60 153 Jts 4937 60 Top of SN							
		110 SN				ł			
		.43 S.T. Collar]			
		4939.13 E.O.T.				İ			
		2 3/8° EU 8rd J-55 Tubing							
Note: Mesa V	erde Perf	s 4712' - 4992 '							
PBTD 5025 ft.									
5 1/2" - 15.5#	Casing								
Total H	rs 5.50			Attention: B	illie Maez				

Returned to production 11/27/07

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