Form 3160-5 (April2004)

## **OCD-ARTESIA**

DEPARTMENT OF THE INTERIOR

FORMAPPROVED OM B No. 1004-0137 Expires: March 31, 2007

## UNITEDSTATES BUREAU OF LAND MANAGEMENT 5. Lease Serial No.

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 Group Gas Well Gas W	SUNDRY NOTICES AND REPORTS O	N WELLS	NM54865
NM88491X	Do not use this form for proposals to drill or	to re-enter an	6. If Indian, Allottee or Tribe Name
S. Well Mare and No.   Parkway Delaware Unit #704   Parkway Delaware Uni		n reverse side.	· ·
SM Energy Company 3a. Address 3b. PhoncNo. (include area code) 30.0 N. A Street, Bldg 7, Suite 200 Midland, TX 797Q832)688-1789 10. Field and Proot, or Exploratory Area 2784 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 12. CHECK APPROPRIATE BOX(ES)TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 179EOF SUBMISSION 12. CHECK APPROPRIATE BOX(ES)TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 179EOF SUBMISSION 179EOF ACTION 18 AlterCasing FractureTreat Reclamation Well Integrity 18 Subsequent Report Change Plans Plugand Abandon 19 Indicated Complete Convert to Injection Plug Back Water Disposal 19 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 disposal footowing 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 filled once testing has been completed. Professor of the movine of pertinent markers and zones. Attach the Been completed. Professor of the importance of the movined operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filled once testing has been completed. Professor of the movined operations. Once the proposed of the movined operations of the movined operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filled once testing has been completed. Professor of the movined operations. Once the proposed of the movined operations. Once the proposed of the movined operations of the movined operations and measured and time vertical depths of all perinent markers and zones.  19 Annual Proposed of Completed Operation (clearly state all perinent details, including estimated starting date of any proposed work and approximated during the winh 30 days following completion of the movined operations. In the completion	Oil Well Gas Well X Other	-	8. Well Name and No.
3300 N. A Street, Bidg 7, Suite 200 Midland, TX 7970(332)688-1789  4. Location of Well (Footage, Sec, T., R., M., or Survey Description)  1450 FSL & 330 FEL Sec. 35; T19S, R35E  24  11. County or Parish, State Eddy Co., New Mexico  12. CHECK APPROPRIATE BOX(ES)TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPEOF SUBMISSION  TYPEOF ACTION    Noticeof Intent	SM Energy Company	·	9. API Well No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  1450 FSL & 330 FEL Sec. 35; T19S, R38E  27  12. CHECK APPROPRIATE BOX(ES)TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPEOF SUBMISSION  TYPEOF ACTION  Noticeof Intent  Acidize  Acidix			
1450 FSL & 330 FEL Sec. 35; T19S, R35E  29  12. CHECK APPROPRIATE BOX(ES)TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPEOF SUBMISSION  TYPEOF SUBMISSION  TYPEOF ACTION    Acidize		008-1789	
TYPEOF SUBMISSION    Acidize	1450 FSL & 330 FEL Sec. 35; T19S, R35E		11. County or Parish, State Eddy Co.,
Noticeof Intent	12. CHECK APPROPRIATE BOX(ES)TO INDICATE	NATURE OF NOTICE, RE	PORT, OR OTHER DATA
Noticeof Intent	TYPE OF SUBMISSION	TYPE OF ACTION	
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/RIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion 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.)  Unsuscessful MIT 5/19/2010 See attached Daily report for Repair Detail.  8/30/2010 - 9/3/2010 In preparation to repair the PDU 704 we conducted a Casing Inspection Log and found that the casing was most likely parted at 1796' and had significant metal loss and holes between 1864' and 1707'.  9/30/2010 - 10/14/2010 To repair the casing we RIH with a watermelon type string mil to ensure we could pass the casing part with chemical cutting head. We cut 4 ½" Casing at 1910' and pulled out 40 joints of bad casing. Casing parted approximately 2 ½ jts from cut. RIH with tubing and fished out remaining 2 ½ jts of casing. RIH with 4 ½" Lea Seal on 6 Joints 4 ½" N80 11.6# LTC casing with externally casing coating from Bond-Coat (Flint Coat). Followed coated tubing with 9 jts of 4 ½" N80 11.6# LTC casing and then 28 jts of reconditioned Range 2 K55 4 ½" 10.5# LTC Casing. Pulled 25 pts tension in casing string. Successfully tested casing to 2000 psig for 15 minutes with no pressure bleed off. Cement was not circulated in this repair due to a know hole in the 7" 20# J55 external casing in the Capitan Reef. Previous attempts to cement squeeze the Capitan Reef have been unsuccessful and would not allow for us to circulate cement back to surface. Ran in hole with 4½" Arrowset 1X nickel plated production packer, SS 1.5" F' nipple 12 not/of	Notice of Intent  Alter Casing  Fracture T  Casing Repair  Change Plans  Plug and A	Production (Start Reclamation Recomplete Landon Temporarily Abar	Well Integrity X OtherRepair & return
Casing. Pulled 25 pts tension in casing string. Successfully tested casing to 2000 psig for 15 minutes with no pressure bleed off. Cement was not circulated in this repair due to a know hole in the 7" 20# J55 external casing in the Capitan Reef. Previous attempts to cement squeeze the Capitan Reef have been unsuccessful and would not allow for us to circulate cement back to surface. Ran in hole with 4 ½" Arrowset 1X nickel plated production packer, SS 1.5" 'F' nipple T2 on/off tool on 125 jts of 2 3/8" J55 IPC (TK70) tbg from Tuboscopes yard (29 jts of blue band, 96 its of yellow band). Packer set at 3973'. Will run MIT to be witnessed by NMOCD & BLM 10/18/2010.  14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Donna Huddleston  Title Engineering Tech  NOV 15 2010	following completion of the involved operations. If the operation results in a mutesting has been completed. Final Abandonment Notices shall be filed only after determined that the site is ready for final inspection.)  Unsuscessful MIT 5/19/2010 See attached Daily repo 8/30/2010 - 9/3/2010 In preparation to repair the PDU 704 casing was most likely parted at 1796' and had significant 9/30/2010 - 10/14/2010 To repair the casing we RIH with casing part with chemical cutting head. We cut 4 ½" Casiparted approximately 2 ½ jts from cut. RIH with tubing a Seal on 6 Joints 4 ½" N80 11.6# LTC casing with external	tiple completion or recompletion in all requirements, including reclamant for Repair Detail.  We conducted a Casing metal loss and holes be a watermelon type stringing at 1910' and pulled ond fished out remaining ly casing coating from B	a new interval, a Form 3160-4 shall be filed once ation, have been completed, and the operator has a Inspection Log and found that the etween 1864' and 1707'.  If mil to ensure we could pass the out 40 joints of bad casing. Casing 2 ½ jts of casing. RIH with 4 ½" Lead and Coat (Flint Coat). Followed
Name (Printed/Typed) Donna Huddleston  Title Engineering Tech  NOV 15 2010  NOV 15 2010  NOV 15 2010	Casing. Pulled 25 pts tension in casing string. Successful bleed off. Cement was not circulated in this repair due to Reef. Previous attempts to cement squeeze the Capitan circulate cement back to surface. Ran in hole with 4 ½" A T2 on/off tool on 125 jts of 2 3/8" J55 IPC (TK70) tbg from	illy tested casing to 2000 a know hole in the 7" 20 Reef have been unsucce rrowset 1X nickel plated n Tuboscopes yard (29 j	O psig for 15 minutes with no pressure O# J55 external casing in the Capitan essful and would not allow for us to I production packer, SS 1.5" 'F' nipple ts of blue band, O6 its of yellow
Donna Huddleston  Title Engineering Tech  NOV 13 2010  Signature Date 10/19/2010 ACCEPTED NMOCD ARTES	14. I hereby certify that the foregoing is true and correct		NOV 4 F 0040
Signature A Date 10/19/2010 ACCEPTED NMOCD ARTES	* * * * * * * * * * * * * * * * * * * *	Title Engineering Tecl	h NUV 15 ZUIU
	Signature Donne Anddysh	10/10/2010	
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	THIS SPACE FOR FEDERAL	OR STATE OFFICE U	JSE
Approved by Title	Conditions of approval, if any, are attached. Approval of this notice does not warrecrify that the applicant holds legal or equitable title to those rights in the subject which would entitle the applicant to conduct operations thereon.  Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for an	Office Office	Alloyan of any department of abority of the United

PDU 704		API 30015300280000	Prospect PARKV	NAY	Field N	ame (WAY		
Original Spud D 1/26/			17000	State NM	FAIN	Total Depth (ftKB)	PBTD (All) Original 4368.0	
Work Type Downhole F	Failure	Secondary Job Type Casing Leak Repair	{   1			cement squeeze, drill on a		Start Date 8/31/201
	mary				100 PK	A CONTRACT OF THE PROPERTY OF		
8/30/2010 0 End Date 8/30/2010	Lucky WS #77 MI&RU vacuum truck MI&RU. Comminced jarring on packer. Rotary Wireline MI&R spots on TIH. Ran str	w/ NMOCD and Paul R. Swartz v J. TFH Rental set slide and pipe ND wellhead, installed 8 5/8" 8 4 4 1/2" Baker Loc-Set packer @ U. Ran 1 7/16" OD free point too ring shot and backed off tbg. @ 3 3/8" Duo-lined injection tbg. Not	racks. Unloa rd Larkin x 6" 4003'. Unabl ol. Found tbg 3973'. Tbg. fro	ed and rack 145 jts 900 adapter flang le to work any tbg. . free 3' above pac ee. Rotary Wirelir	e, and NU 6" 900 . rotation through cker @ 4000'. No ne RD&MO.	BOP. packer mandral to rele	ease	th End (ftKB) 0.0
Operations Deta	ait							
8/31/2010 0	06:00 <i>-</i> 8/31/2010 06:00				<del></del>			
End Date 8/31/2010	TIH w/ 3 7/8" OD over off racks w/ 121 jts. 2 Comminced jarring on saw no additional weig TOH w/ 121 jts. 2 3/8" Tbg. outside of oversh TIH w/ 4 1/2" 'TS' RBF Set RBP @ 3974, LD	tbg., 6- 3 1/8" OD drill collars, ja not skirt wadded into a knot. Top P, 4 1/2" Arrowset 1X pkr., SN, a 1 jt. 2 3/8" tbg., and set pkr. @ 3 ng casing. Isolated 4 1/2" 10.5# o kr.	OD bumper si I caught fish ( failed after 4 I urs, bumper su of fish @ 397 and 126 jts. 2 1941'. Pressu	② 3976'. hits. Continued ja ub, and overshot. 78'. 3/8" tbg. re tested tools to	Note: recovered	er sub. Came loose but 2' piece of 2 3/8" tbg.	PU	h End (ffKB) 0.0
Operations Deta 0/1/2010 06 and Date 9/1/2010	i:00 - 9/1/2010 06:00 Operations Summary Crews drove to locatio TIH w/ Arrowset 4 1/2' sand down tbg - flushe 32A tension packer - F	' comp packer on 64 jts of 2 3/8" ed w/ 5 BFW. TOH w/ 64 jts of tt RIH on 46 jts of 2 3/8" N-80 tbg - Bled off pressure. WOO. cured well for night.	g - LD Arrows	set packer and ref	trieving tool. PU 8	k run 4 1/2" Weatherfo		h End (ftKB) 0.0
perations Deta		····						
V2/2040 06	.00 0/2/2040 00:00							
nd Date 9/2/2010	logging running inspec	r - TOH w/ tbg and pkr. LD pkr. F tion. LD inspection tool. PU CBL	RU Appolio Wi . tool - RIH to	L - RIH w/ 3 3/8" ( same depth (2500	casing inspection	tool to 2500' - TUH	Depti	n End (ftKB) 0.0
perations Deta	il - 							
		n. Released Weatherford tensio Wireline - RIH w/ 3 3/8" casing i		from 2500' to sur	face. Identified po	ssible casing part @		n End (ftKB) 0.0
<b>0/3/2010 06:</b> nd Date 9/3/2010	1796'. Several holes in	n casing from 1864' up to 1707'. leased Apollo.  TIH w/ 6 - 3 1/8" l	LD inspection					
nd Date	1796'. Several holes in LD CBL tool - RD - rel	n casing from 1864' up to 1707'. leased Apollo.  TIH w/ 6 - 3 1/8" l	LD inspection					
nd Date	1796'. Several holes in LD CBL tool - RD - rel worksting on pipe rack RDMO CI- Work suspended.	n casing from 1864' up to 1707'. leased Apollo.  TIH w/ 6 - 3 1/8" l	LD inspection DCs - TOH - L	.D DCs. TIH w/ 12				
9/3/2010	1796'. Several holes in LD CBL tool - RD - rel worksting on pipe rack RDMO CI- Work suspended.  NOTE: Tagged parted	n casing from 1864' up to 1707'. leased Apollo. TIH w/ 6 - 3 1/8" ( s. ND BOPs. NU WH.	LD inspection DCs - TOH - L	.D DCs. TIH w/ 12				
nd Date 9/3/2010 perations Deta	1796'. Several holes in LD CBL tool - RD - rel worksting on pipe rack RDMO CI- Work suspended.  NOTE: Tagged parted	n casing from 1864' up to 1707'. leased Apollo. TIH w/ 6 - 3 1/8" ( s. ND BOPs. NU WH.	LD inspection DCs - TOH - L	.D DCs. TIH w/ 12			D	i End (ffKB)

PDU 704			арі 30015300280000	Prospect PARK\	VAY	Field Name PARKWAY	
Original Spud Da 1/26/1		g Release Date			State NM	Total Depth (ftKB) PB'	TD (AII) (ftKB) riginal Hole - 68.0
Vork Sumn	nary "						
nd Date 10/1/2010	racks. Did Trip standin Crew dug o	mary to location. apered mill not encount g back tbg ut surface h sing crew ar ens for week	er any tight spots fron n derrick. LD drill co ead. Opened all cas nd pipe recovery cre		lind rams. ressure - no pres		Depth End (ftKB) 0.0
perations Detai	il						
	6:00 - 10/4/2 Operations Sun						Depth End (ftKB)
	Road crew Removed p RU Rotary RU Bull Rot from end. RD and rele good casing	to location. roduction ca Wireline - R gers casing eased casing g at 1900' to casing - I spear.	IH w/ 3 3/8" chemica crew - TOH w/ 40 jts g crew. PU 3.88" gra	of 4 1/2" casing laying apple type spear and 2 -	collars 1889' and down on pipe rac 3 1/8" Drill collar	rams.  1935' PUH - cut casing @ 1910'.  cks - bottom jt of casing was parted at app 8  rs RIH on 56 jts of 2 3/8" tbg - latched on to  were in very bad condition.	0.0
perations Deta	iil						,
nd Date	PU 5 3/4" o	to location vershot sho	e w/ 4 5/8" dress off	mill, 4 - 4 3/4" drill colla		of 2 3/8" tbg to 1923' - away - no significant returns.	Depth End (ftKB) 0.0
	11.6# casin Bulldog Ser	g. APP 504 vices forklif	t unloaded and racke	ed pipe.	·	4 pup joints along with 9 - jts of 4 1/2" LTC	
perations Deta	ail						
	6:00 - 10/6/2						
nd Date	Road crews	to location to tag top			p of existing cas	sing. OK	Depth End (ftKB) 0.0
10/6/2010	TOH w/ 56	d rams. Cha					
10/6/2010	TOH w/ 56 Closed bline Tuboscope Racked, pr TFH forklift	delivered 3	5 jts of C2 4 1/2" 11. tallied casing. pieces of old 4 1/2" c	•	at to transfer bac	k to Tuboscope. (1915' gross)	
0/6/2010	TOH w/ 56 Closed blind Tuboscope Racked, pr TFH forklift SDFN	delivered 3 epped and loaded 43 p	tallied casing. pieces of old 4 1/2" c	•	at to transfer bac	k to Tuboscope. (1915' gross)	
0/6/2010	TOH w/ 56 Closed blind Tuboscope Racked, pr TFH forklift SDFN	delivered 3 epped and loaded 43 p	tallied casing.	•	at to transfer back	k to Tuboscope. (1915' gross)	

Operations Detail	Rig Release Date  10/7/2010 06:00 ions Summary I Crew to location.  asing crew. PU and RIH vang, 9 jts of 4 1/2" N80 11.6 ied on to existing casing - off spool and BOPs. Set off casing - LD BOPs. ed on bell nipple - release asing head. Installed swell test. Bled off pressure. arkin tubing head and BOI 7/8" cone mill, 2 - 3 1/8" of - stood back all tubulars - ed blind rams.  e crews to yard.  10/8/2010 06:00 ions Summary icrew to location. BP retrieving tool RIH or ined on to RBP @ 3974' - a 3/4" concave bottom mill. pp 14". TOF @ 3976' - w/ all tbg - LD mill. 3/4" texas pattern mill sho swinging.	6# LTC casing and 28 pull 25 pts tension. Reasing in wellhead slip of welder.  If welder.	B its of reconditioned Range 2 RD casing crew. Filled casing vos. Checked work area and piet. Tested casing to 2000 psigns from 4 1/2" to 2 3/8". 8 jts of 2 3/8" tbg to 2100' - casing sand - washed down to RBI erelease RBP - TOH - LD RE and 114 jts of 2 3/8" tbg to to	/2" N80 11.6# LTC casing w/ external epoxy K55 4 1/2" 10.5# LTC casing (1927') with water. ipe for LEL & H2S - reading 0 on each. Weld - observed for 15 minutes w/ no bleed off. asing clear.	Depth End (ftKB) 0.0
10/7/2010 06:00 - End Date	10/7/2010 06:00 ions Summary I Crew to location.  asing crew. PU and RIH wing, 9 jts of 4 1/2" N80 11.6 led on to existing casing - off spool and BOPs. Set off casing - LD BOPs. ed on bell nipple - release asing head. Installed swe I test. Bled off pressure. arkin tubing head and BOI 7/8" cone mill, 2 - 3 1/8" o - stood back all tubulars - ed blind rams.  e crews to yard.  10/8/2010 06:00 ions Summary crew to location. BP retrieving tool RIH or red on to RBP @ 3974' - a 3/4" concave bottom mill. pp 14". TOF @ 3976'  - w/ all tbg - LD mill. 3/4" texas pattern mill sho swinging. ed pipe rams.	6# LTC casing and 28 pull 25 pts tension. Reasing in wellhead slip of welder.  If welder.	B its of reconditioned Range 2 RD casing crew. Filled casing vos. Checked work area and piet. Tested casing to 2000 psigns from 4 1/2" to 2 3/8". 8 jts of 2 3/8" tbg to 2100' - casing sand - washed down to RBI erelease RBP - TOH - LD RE and 114 jts of 2 3/8" tbg to to	K55 4 1/2" 10.5# LTC casing (1927') with water. ipe for LEL & H2S - reading 0 on each. Weld - observed for 15 minutes w/ no bleed off. asing clear.  P. BP and retieval tool to top of fish @ 3978'. p of fish. RU powerswivel - milled down top of	Depth End (ftKB)
Operations Detail	ions Summary I Crew to location.  asing crew. PU and RIH v ng, 9 jts of 4 1/2" N80 11.6 led on to existing casing - off spool and BOPs. Set of ff casing - LD BOPs. ed on bell nipple - release asing head. Installed swe letest. Bled off pressure. arkin tubing head and BOI 7/8" cone mill, 2 - 3 1/8" o - stood back all tubulars - ed blind rams.  e crews to yard.  10/8/2010 06:00 lons Summary crew to location. BP retrieving tool RIH or red on to RBP @ 3974' - a 3/4" concave bottom mill. pp 14". TOF @ 3976' - w/ all tbg - LD mill. 3/4" texas pattern mill sho swinging. ed pipe rams.	6# LTC casing and 28 pull 25 pts tension. Reasing in wellhead slip of welder.  If welder.	B its of reconditioned Range 2 RD casing crew. Filled casing vos. Checked work area and piet. Tested casing to 2000 psigns from 4 1/2" to 2 3/8". 8 jts of 2 3/8" tbg to 2100' - casing sand - washed down to RBI erelease RBP - TOH - LD RE and 114 jts of 2 3/8" tbg to to	K55 4 1/2" 10.5# LTC casing (1927') with water. ipe for LEL & H2S - reading 0 on each. Weld - observed for 15 minutes w/ no bleed off. asing clear.  P. BP and retieval tool to top of fish @ 3978'. p of fish. RU powerswivel - milled down top of	Depth End (ftKB)
Coatil Latch Strip cut or Weldd NU C Good NU L PU 3 TOH Close CI Drove  Departions Detail  10/8/2010 06:00 - End Date 10/8/2010 PU R Latch PU 3 fish a  TOH PU 3 shoe  Close SDFN CI  Departions Detail  10/9/2010 06:00 - End Date 10/9/2010 Road Contil Bake TOH PU 3 fish - WO to	ng, 9 jts of 4 1/2" N80 11.6 led on to existing casing - off spool and BOPs. Set of ff casing - LD BOPs. ed on bell nipple - release asing head. Installed swe test. Bled off pressure. arkin tubing head and BOI 7/8" cone mill, 2 - 3 1/8" o - stood back all tubulars - ed blind rams. e crews to yard.  10/8/2010 06:00 lons Summary crew to location. BP retrieving tool RIH or red on to RBP @ 3974' - a 3/4" concave bottom mill. pp 14". TOF @ 3976' - w/ all tbg - LD mill. 3/4" texas pattern mill sho swinging. ed pipe rams.	6# LTC casing and 28 pull 25 pts tension. Reasing in wellhead slip of welder.  If welder.	B its of reconditioned Range 2 RD casing crew. Filled casing vos. Checked work area and piet. Tested casing to 2000 psigns from 4 1/2" to 2 3/8". 8 jts of 2 3/8" tbg to 2100' - casing sand - washed down to RBI erelease RBP - TOH - LD RE and 114 jts of 2 3/8" tbg to to	K55 4 1/2" 10.5# LTC casing (1927') with water. ipe for LEL & H2S - reading 0 on each. Weld - observed for 15 minutes w/ no bleed off. asing clear.  P. BP and retieval tool to top of fish @ 3978'. p of fish. RU powerswivel - milled down top of	Depth End (ftKB) 0.0
10/8/2010   06:00 -	10/8/2010 06:00 ions Summary crew to location. BP retrieving tool RIH or red on to RBP @ 3974' - a 3/4" concave bottom mill. pp 14". TOF @ 3976' - w/ all tbg - LD mill. 3/4" texas pattern mill sho swinging. ed pipe rams.	ılliowed psi to equaliz 6 - 3 1/8" drill collars	e release RBP - TOH - LD RE and 114 jts of 2 3/8" tbg to to	BP and retieval tool to top of fish @ 3978'. p of fish. RU powerswivel - milled down top o	0.0
10/8/2010 06:00 - End Date Operations Detail  10/8/2010 PU R Latch PU 3 fish a  TOH PU 3 shoe  Close SDFN CI  10/9/2010 06:00 - End Date Operations Detail 10/9/2010 Road  Conti Bake TOH PU 3 fish - WO to	ions Summary crew to location. BP retrieving tool RIH or led on to RBP @ 3974' - a 3/4" concave bottom mill. pp 14". TOF @ 3976' - w/ all tbg - LD mill. 3/4" texas pattern mill sho swinging. ed pipe rams.	ılliowed psi to equaliz 6 - 3 1/8" drill collars	e release RBP - TOH - LD RE and 114 jts of 2 3/8" tbg to to	BP and retieval tool to top of fish @ 3978'. p of fish. RU powerswivel - milled down top o	0.0
Ind Date 10/8/2010 Operat Road PU R Latch PU 3 fish a TOH PU 3 shoe Close SDFN CI  Ind Date 10/9/2010 O6:00 - Ind Date 10/9/2010 Continue Baker TOH PU 3 fish - WO to the state of the stat	ions Summary crew to location. BP retrieving tool RIH or led on to RBP @ 3974' - a 3/4" concave bottom mill. pp 14". TOF @ 3976' - w/ all tbg - LD mill. 3/4" texas pattern mill sho swinging. ed pipe rams.	ılliowed psi to equaliz 6 - 3 1/8" drill collars	e release RBP - TOH - LD RE and 114 jts of 2 3/8" tbg to to	BP and retieval tool to top of fish @ 3978'. p of fish. RU powerswivel - milled down top o	0.0
10/8/2010 Road PU R Latch PU 3 fish a TOH PU 3 shoe Close SDFN CI  10/9/2010 06:00 - Operation Date 10/9/2010 Road Continuation Bake TOH PU 3 fish - WO to the state of the st	crew to location. BP retrieving tool RIH or led on to RBP @ 3974' - a 3/4" concave bottom mill. pp 14". TOF @ 3976'  - w/ all tbg - LD mill. 3/4" texas pattern mill sho swinging.	ılliowed psi to equaliz 6 - 3 1/8" drill collars	e release RBP - TOH - LD RE and 114 jts of 2 3/8" tbg to to	BP and retieval tool to top of fish @ 3978'. p of fish. RU powerswivel - milled down top o	0.0
Shoe Close SDFN CI  10/9/2010 06:00 - End Date 10/9/2010 Road Conti Bake TOH PU 3 fish - WO t	swinging. ed pipe rams.	oe, 1 jt of 3 3/4" wash	over pipe - RIH on 6 - 3 1/8" (	diril collars, XO and 114 jts of 2 3/8" tbg. Lef	it
SDFN CI  O/9/2010 06:00 - nd Date 10/9/2010 Road Conti Bake TOH PU 3 fish - WO t	• •				
perations Detail  0/9/2010 06:00 - nd Date 10/9/2010 Road  Conti Bake TOH  PU 3 fish - WO t					
10/9/2010 06:00 - Ind Date					
nd Date Operation 10/9/2010 Continue Baker TOH PU 3 fish - WO to 10/9/2010 Continue					
10/9/2010 Road Conti Bake TOH PU 3 fish - WO to	10/9/2010 06:00 ons Summary				D
PU 3 fish - WO t	Crew to Location.	•			Depth End (ftKB) 0.0
fish - WO t	nued in hole w/ texas patte r Lok-set packer. Circulate - LD wash pipe and mill.		pe. RU power swivel - cleaned	d down 12' of hard packed fill to hard tag on	
IOH	released packer - hyd ton ongs.	ngs broke down.	1/8" drill collars and 115 jts of	2 3/8" tbg to top of fish 3976' . Latched on	ı to
Close	- LD cut jt and 4 1/2" Bake od blind rams.	er Lok set packer.			
CI	crews to yard.				
Noad	crews to yard.				
perations Detail	Take to the state of the state				
	- 10/11/2010 06:00 ons Summary				Depth End (ftKB)
Open PU ar RU po Circul	e crew to location.  ed well to bleed to tank.  nd RIH w/ 3 7/8" drill bit, 6  bwer swivel, established in	nmediate circulation -	- drilled down through hard iro	nsulfide type scale to 4357'. d out scale, some metal and significant amo	0.0
LD 6	ower swivel - TOH - stand - 3 1/8" drill collars and 3 1 d blind rams.	ing back 115 stands o 7/8" drill bit.	of 2 3/8" tbg.		
CI		*			
perations Detail					

iginal Spud Da		30015300	280000	Prospect PARKV	VAY	Field Name PARKWAY		
1/20/1	nte Rig Release D 998	Date	County/Parish EDDY		State NM	Total Dept		D (All) (ftKB) ginal Hole -
								58.0
	nary 1							- 7 LIVE - 15 IS
Date	06:00 - 10/12/2010 06 Operations Summary Drove crew to location		***************************************					Depth End (ftKB) 0.0
	Opened well to tank 3/8" J55 tbg testing t All tbg tested. RD H' Set packer @ 3986' RU Petroplex Acid S Test lines to 3000 ps 2ppg rock salt (1500; BPM/1500 psig, Ma: ISIP - 544 psig, 5 mi Allowed acid to set o NOTE: L&E Services	to bleed down to 6000 psig. ydrostatic Pip ervices - load sig. Start off of # block) follow x rate = 5 BPI n - 294 psig, n formation for s jetted and of 0 am 80 psig	oe Testers.  I and test backside on water- switched wed by 1000 gals of M/2089 psig. 10 mins - 206 psig or 1 hour. Total loo	e to 500 psig - O to acid. Pumpe of 15% NEFE. F I, 15 min - 148 p ad - 83 bbls.	K. Held and mo ed 1000 gals of lushed to btm p sig. RD release	static Pipe Testers Inc - RIH of initored backside pressure. 15% NEFE followed by 750 g erf w/ 27 bbls. Pumped @ av ed Petroplex. tatus: (+) 11 bbls. wtr.	gals of brine w/	\ \
	CI							
erations Detai	1							
	06:00 - 10/13/2010 06	3:00						
d Date	Operations Summary Drove crews to locati			- LAME				Depth End (ftKB) 0.0
	pipe racks to PDU 70	07.	•			TFH forklift moved tubing a		
	Racked tallied, prepr	oed.	, ,	•		e band, 96 jts of yellow band)		
	nipple, T2 on/off tool Load tbg with packer	on 125 jts of r fluid.	2 3/8" IPC tbg. Te	ested all tbg to 60	000 psig. RD re	kel plated production packer, lease pipe testers. I bbls of double inhibited pack		
	back down on on/off Nipple down BOPEs Pressure backside TRU pump to tbg - pre Release transport an SI well. SDFN NOTE: Packer set @	Pull tension 5500 psig and essured up to nd RD reverse 3973.47', (1	d observe for 30 m 1600 psig to relea e unit.	ninutes with no b use blow out plug	leed off. Relea	injection wellhead. sed pressure.		
	Drove crews to yard.							
	CI							
erations Detai	i .							
	06:00 - 10/14/2010 06 Operations Summary	3:00						Depth End (ftKB)
Date	Rig down Lucky Serv							0.0
	Clean location and m	TOVE OUL.						1
	Clean location and m Rig up Key Energy S Lost 11 psig in 30 mi	Services pump				psig and charted for 30 minu	tes.	
)/14/2010	Rig up Key Energy S	Services pump ins - good tes				psig and charted for 30 minu	tes.	