ŧ	Form 3160-5
	(March 2012)

Final Abandonment Notice

FORM APPROVED OM B No. 1004-0137

UNITED STATES	OCD Artesia	
DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT	ON CONCERVATION	
BUREAU OF LAND MANAGEMENT	OIL CONSERVATION	Lease Se
	ADTESTA DISTRICT F	

Expires: October 31, 2014

•	Morro	.,		
SUNDRY NOTICES	AND REPORTS ON WELLSAUG	91	2019	

5. Lease Serial No. NMLC-02920E

If Indian, Allottee or Tribe Name C 029020 P

Other_

Do not use this form for proposals to drill or to re-enter an

Change Plans

Convert to Injection

abandoned well	Use Form 3160-3 (A	(PD) for such proposals			
SUBMIT IN TRIP	LICATE - Other ins	tructions on reverse side.	7. If Unit of CA / Agreement, Name and/or No.		
1. Type of Well			<u> </u>		
☑ Oil Well □	Gas Well	Other	Well Name and No. Randy Federal #5		
2. Name of Operator	Apache	e Corporation	9. API Well No. 30-015-36162		
 Address 303 Veterans Airpark Ln, M 	idland,Tx 79705	3b. Phone No. (include area code) 432-556-9143	10. Field and Pool, or Exploratory Area Loco Hill-Glorieta-Yeso		
2310' FN	_ & 1650' FEL, UL (G, Sec 22, 1775 R30E	11. County or Parish, State Eddy County, NM		
12. CHECK APPRO	OPRIATE BOX(ES)	TO INDICATE NATURE OF NOTICE, I	REPORT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF A	CTION		
Notice of Intent	Acidize Alter Casing	Fracture Treat	roduction (Start/Resume) Water Shut-off Reclamation Well Integrity		
Subsequent Report	Casing Repair	New Construction	Recomplete		

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 the BLM / BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in 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.)

Plug and Abandon

Plug Back

G C 8/26/19 Accepted for record NMOCE

Recomplete

Water Disposal

Temporarily Abandon

Apache Corporation proposes to P&A the above mentioned well by the attached procedure. A closed loop system will be used for all fluids from this wellbore and disposed of required by OCD Rule 19.15.17.

14. I hereby certify that the following is true and correct Name **Guinn Burks** Sr. Reclamation Foreman Title Signature Date 7/22/19 THIS SPACE FOR FEDERAL OR STATE OFFICE USE Title Date Conditions of approval, it 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 operatins Office therden

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

WELL BONE INFO. WELL BONE INFO. WELL BONE INFO. The Manual State of the State of	•		A C	LEASE NAME	Randy Federal ,
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4481 2 7/8* production string w/ TAC 4459* Rods and pump in the hole Figure 1.2* 4481 Yeso perfs 5300*-5520* Yeso perfs 5710*-5900* Yeso perfs 5710*-5900*			DVT 3474		
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7 7/8" Hole 5 1/2" 17# @ 6402'			EDT @ 6016'		
			7 7/8" Hole		•
		6402		ر سور	

Maria Pil



LEASE NAME Randy Federal WELL# API# 30-015-36162 COUNTY EDDY

12 1/4" Hole 8 5/8" 24# @ 377" w/ 366 sx CIRC to Surf

640

1280

1921

WS & packer set @ 2200' , PIR of

> Cut 2 7/8" tbg @ 2447' Top of Rod fish @ 2529'

2561

3201

3841

4481 2 7/8" production string w/ TAC @ 4459' Rods and pump in the hole

5122

5762

6402

7 7/8" Hole 5 1/2" 17# @ 6402" w/ 1600 sx Circ to Suri EOT @ 6016

PROPOSED PROCEDURE Top of Rustler © 225' 3. PUH & spot 55 sx Class "C" cmt from 510' to surf. (Top of Salt & Rustler, & Water Board) Base of Sall e 1153* 2. MIRU P&A rig. RIH w/ tbg & verify plug & CIRC w/ MLF. PUH to 1384' & spot 30 sx Class "C" cmt from 1384'-1084'. WOC/TAG (Yates, 7 Rvrs, Bowers, & Base of Salt) Top of Yales, 7Rvrs. Bowers 6 1., With a pkr set @ 2200', sqz 250 sx Class "C" cmt down the casing, around the tubing to the perfs & displace to 2300', WOC/TAG Repeat if necessary. RDMO WO rig. Top of Queen C 2263 Top of San Andres @ Top of Yeso perfs @ 4587'-4860' Yeso peris @ 5300'-5520' Q 4570 Yeso perfs @ 5710'-5900'

Apache	
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Well Name: RANDY FEDERAL #5

APVSurface Loc 3001536162		Surface Legal i					Field Name LOCO HIL	LS (BP)	State/Province New Mexico		Purpose oduction
Original KB Eleva 3,679.0	tion (ft)		Ground E 3,667.0	levation (ft)			KB-Ground D	istance (ft)		Spud Date 4/4/2008 00:00	
Jobs			·								
	Number 18-1890 ary	Stan Date 6/28/2019	End D	ate Job Sp	pud Dato	TD Date	Tar	get Depth (ftKB)	Thial AFE (Cost) \$125.000	Supp Ami (Cosi)	AFE+Supp Ami (Cost) \$125:000
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Report End Date 6/29/2019 00	· · · · · · · · · · · · · · · · · · ·		Current St		<u></u>				Casing String	ne are	
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\$7:615	\$7,615		0)	0	*				District, Barror	nRrice, ; Foremar Ilvador Figueroa,	nager Production Keith Phillips, Day Day Supervisor,
	, TG, MIRU, RU FOOL, SI, SDI		POH W/2	1 7/8" RODS, F	RODS W	ERE BAC	KED OFF	RIH W/FISH	ING TOOL, TAG	GED PARAFFIN (ī̀) 300', РОН
Time Log		,	Com Day 1		T		T 0				
Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1		Code	Unschd Type			peration Details	
6/28/2019/ 6/28/2019	6/28/2019	10.00	16:00		WOD	N		AMBII BOL	\\\(\(\)21\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	S, TAG PARAFFII	V (\$\ 200)
	E. ACHARLAN A. A. A.					.IN		W/FISHING		S, IAG PAKAFFII	v @ 300
6/28/2019* Report #: 2	B/29/2019 DFS: 4,10	8.00	24:00	Rig: <r< td=""><td>SDFN</td><td></td><td><u> </u></td><td></td><td></td><td>-49-4-4</td><td></td></r<>	SDFN		<u> </u>			-49-4-4	
Report End Date	·		Current St		···ຮ · ·				Casing Sliving)	and the contract of the contra	
7/2/2019 00:(Day Total (Cost)		Date (Cost))	Start Depti	Jevor Lead	Dopth (fiKE	ar area	Ton) ent line		d 1, 8,401.57ftKE	3, 5,1/2	
\$7,850	\$15,46		D	o,					Engineer, Mau District, Barror Supervisor, Sa	ı Price, ; Foremer Ilvador Figueroa:	anager Production Keith Phillips. Day Day Supervisor, on op@concho.com
ABOVE TOF, TAGGING @ DN, ND WH,	HOT WATER 545' BOTH R NU BOP, RU	R DN CSG, (RUNS, POH, SWVL, PU	OS TAGGI RIH W/O 1 JT, WOF	ING @ 540', SP S, TAGGING @	PONGY T	HEN FAL PONGY T VEEN 501	L TO 545' 'HEN FALL (-65K, 3 R	, NO CATCH, . TO 545', UN NDS IN, 3 RM	POH, MAKE 2 M IABLE TO GET O NDS BK, NO MOV	RODS & 1 13/16" MORE RUNS W/P. OVER FISH, POH, VEMENT, WORK	ARAFFIN KNIFE, 25# CSG, BLED
Time Log					,		•	,,			
Start Date	End Date	Our (hr)	Cum Dur (hr)	Code 1	<u> </u>	Code	Unschd Type			peration Details	
7/1/2019 7/1/2019	7/1/2019	6.00	6.00		WOD			5.0			
7/1/2019 7/1/2019	7/1/2019 ¹ 7/2/2019 ¹	12.00	18:00 24:00	<u> </u>	FISHPL	N	ļ	FISH RODS	 		•
Report #: 3	DFS: 4,107	<u> </u>	- Address of	Rig: <r< td=""><td>1</td><td></td><td><u> </u></td><td>L</td><td></td><td></td><td></td></r<>	1		<u> </u>	L			
Report End Date	<u> </u>		Current St	atus		· · · · · · · · · · · · · · · · · · · 		Lest	Casing String	2.6.499	
7/3/2019 00:0 Day Total (Cost) \$15;600:		Date (Çost)	Start Depth	(fukB) End	Depth (nKB	x	nd Hrs (hr)	Avg ROP (fin)	Engineer, Mau	ncio Monzon: ; M	anager Production
		er er							Supervisor, Sa	lvador Figueroa,	Keith Phillips Day Day Supervisor on op@concho.com
IN PARAFFIN HCL @ 2BPN RNDS IN. 3 E	TG, 80K STIL I, RD WL, PU 1/0#, FLUSH BK, NO MOVE	MP 8 BBLS TBG CAP, W MENT, RD :	H2O, HO /ELL ON \ SWVL, RI	LES TAKING FI VAC, RD ACID,	LUID, DU WELL S & 1 13/11	IMP 55 G TARTED 6" OS, TA	ALS XYLE BLOWING AG @ 540'	NE, RU ACIE © 50#, KILL (TBG DEPTH	L DEPTH). SHOO), TEST LINES @ . WELL. PU SWV	OT 4 HOLES, POR 0 1K, PUMP 25 B VL. WORK TBG (6	WGUN, COATED
Time Log											
Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time	Code	Unschd Type		0	peration Details	
7/2/2019	7/2/2019	6.00	6:00		WOD						
7/2/2019	7/2/2019	12.00	18.00		FISH			SHOOT HOLES IN TBG JUST ABOVE TOF, DUMP XYLENE, PUMP ACID, WORK TBG W/SWVL, NO MOVEMENT, FISH ROI CATCH FISH, TURN TO RT, FISH RELEASED			

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Well Name: RANDY FEDERAL #5

API/Surface Loc 3001536162		Surface Legal	Location			Field Name LOCO HII	LS (BP)	State/Province New Mexico		Well Purpose Production
Original KB Elevati 3,679.0	on (ft)		Ground 9	levation (ft)		KB-Ground D	histarica (ft)		Spud Date 4/4/2008 00:	00
Report #: 4	DFS: 4,108	.00		Rig: <f< td=""><td>lig?></td><td>It was the same of the</td><td></td><td>Marian de 250 miles</td><td></td><td></td></f<>	lig?>	It was the same of the		Marian de 250 miles		
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Day Total (Cost)7	Cumitot	Jaia (Coat))	Biart Dop	th (RKB) - End	Dopin (nKB)	Duil Hus (In)	* fact at . * . * . *	Dely Contacts	77×4-5	
\$6,200}.	\$37,26	5)	D)							Manager, Production
								Supervisor, Sa	lvador Figuer	pa: Day/Supervisor.
24 Hour Summary	inisen el language				marke amount of constitution and an artistical	ئىسىنى	المتحصياك			bwnon-op@concho.com
15K (SW @ 1	2K), TORQUE ALE SAMPLE	E @ 650#, (TOF @ 1	TURN LT	. NOT BACKING	OFF. DROP TO	10K/650#.	TURN LT. BACK	KED OFF, POH	W/OS & 39 F	OS, CATCH FISH, PULL RODS, CAME OUT G, POH, SEND SAMPLE
Time Log										
Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type		0	peration Details	
7/3/2019) 7/3/2019	7/3/2019/ 7/3/2019	6.00 11.00	6:00		WOD		000000000000000000000000000000000000000	5F 5555		
7/3/20/15	riorzunar	11.00	17:00		FISHPLN		@ 854'	RE RODS, TO	F NOW @ 15	25', TAGGING SCALE
7/3/2019	7/4/2019	7.00	24:00		SDFN	<u> 1 </u>				
Report #: 5	DFS: 4,113	.00	Current S	Rig: <f< td=""><td>lig?></td><td></td><td>nexe.</td><td></td><td></td><td></td></f<>	lig?>		nexe.			
7/9/2019 00:0				· .			Rrod	sing String 1,6,401:57ftKE		
Day Total (Cost) 7 \$10,900	\$48.16	late (Cost) 5)	Dian Dep	th (fiKB) End	Depth (nKB)	Doll Hos (or)	Avg ROP (Mn.)	Day Consess Engineer, Mau	nció Monzon.	Manager/Production
	5.							District: Barron	Price: Fore	nan-Keith Philips Day
24 Hour Summary		9 . *						Anthony, Brewe	ivador,⊩iguen ≄,∷Partner,d	ba. Day Supervisor bwnon-op@concho.com
ROD, BROKE	1' TO 855', PO : THRU @ 879	H, SD FOF 9', RIH W/8	R 1 HR TO 3 MORE F	DALLOW CHEM RODS, TAG @ 1	I MORE TIME. G	ET 20 SINK 15', PULLI	(ER BARS, RIH N 15 OVER TO	W/KNIFE, 20 S	SB & 14 ROD: JP. POH. RIH	FIN KNIFE, TAG @ 845', S, TAG @ 854', PU 1 W/KNIFE, JARS, 21
Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type		0	peration Details	·
7/8/2019	7/8/2019	6.00	6:00		WOD					
7/8/2019	7/8/2019/ 7/9/2019/	13.00 5.00	19:00 24:00		FISHPLN SDFN		WORK KNIFE	FROM 845' TO	1084'	
Report #: 6	DFS: 4,114		hand a fe 's well	Rig: <r< td=""><td></td><td></td><td></td><td></td><td></td><td></td></r<>						
Report End Date 7/10/2019 00:	00		Current S	tatus				sing String 1, 6:401.57ftKB	51172	
Day Total (Cost), \$5(450)		ate (Cost)	Suart Dept 0)	n (nKB)) 5 nd 0)	Depth (fixe)	Driv Hra (nri)	Avg ROP (funi)	Day Canada Englneer, Maur District: Barron Supervisor, Sal	icio Manżoń Price, "Foreń vador Figuero	: Manager Broduction nen: Keith Philips; : Day st ; Day, Supervisor: swinen-op@concho.com;
JSA/SFTY MT BROKE THRO TO 1373', POI	DUGH @ 1367	7', MADÉ 1	0', TAG @	01373', PULLED	ARS, TAG @ 107 0 15 OVER TO C	9, WORK D OME BACK	N 288' TO 1367 UP, CONTINUÉ	", POH TO CLE ED TO TAG @	EAN JAR, RIH 1367' AND BE	WKNIFE, JARS, REAK THROUGH 10',
Time Log	pa ₁₀ 3 40 4 .		Cum Dur			Unschd				
Start Date 7/9/2019	End Date 7/9/2019	Dur (hr) 6,00	(6:00)	Code 1	Time Code WOD	Туре	***************************************	<u> </u>	eration Details	
Contract to the same	7/9/2019	12.00	18:00		FISHPLN		RIH & CO FRO	M 1079' TO 13	73', POH SI, S	DFN
T W L' Not	7/10/2019 DFS: 4.115	6.00	24.00	Rig: <r< td=""><td>SDFN</td><td></td><td></td><td></td><td></td><td></td></r<>	SDFN					
Report #: 7 Report End Date		.00	Current S		ig (>			sing String)		
7/11/2019 00:(Day/Total (Cost)		ate (Cost))	Start Dept	- IAVO\T	Depth (NKB)	Nette har	Prods	1, 6,401.57RKB	5 1/2	
\$8:700	\$82,315		0	0	Doput((AB))	Ord Has (hir)		Engineer, Maur District(Barron) Supervisor, Sal	Rrice. Foren vador Figuero	Manager Production nen: Ketth Philips, : Day ai ; Day Supervison wnon; op@concho.com;
JSA/SFTY MT SULFATE DIS	OLVER, 2 BBI	LS OF FLU	JSH, LET	SET FOR 2 HR	ED 3 BBL OF FF S, POH 40 JOINT OF AT 1525', PO	TS OF 1.66	" TUBING, RIH '	W/KNIFE, JAR!	S. 21 SB. 33 I	55 GAL OF SRW 997 RODS, TAG @ 1367'.

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W	/ell	Name:	RANDY	FEDERAL	#5
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API/Surface Loc 3001536162		Surface Legal	Location			Field Name LOCO HII	I S (RP)	State/Province New Mexico	Well Purpose	
L	nel KB Elevation (ft) Ground Elevation (ft) 3,667.0						Distance (ft)	I vew Mexico	Production Sput Date 4/4/2008 00:00	
Time Log				· ····		12.0		ا میں ایک مخص	77-772-000-00-00	
	Ι		Cum Dur		T	Unschd	· · · · · · · · · · · · · · · · · · ·		<u>, , , , , , , , , , , , , , , , , , , </u>	· · · · · · · · · · · · · · · · · · ·
Start Date 7/10/2019	End Date 7/10/2019	Dur (hr) 6.00	(hr) 6.00)	Code 1	Time Code WOD	Type			peration Details	
7/10/2019	7/10/2019	13.00	19.00		FISHPLN	 	RIH CO FROM	1360' TO 152	SI SDEN	
7/10/2019	7/11/2019	5.00	24.00		SDFN	 	VIII OO T TOIL	100 10 102.	7, 31, 301 14	· · · · · · · · · · · · · · · · · · ·
Report #: 8	DFS: 4,116	5.00		Rig: <f< td=""><td>Rig?></td><td>-1</td><td><u> </u></td><td>~</td><td></td><td></td></f<>	Rig?>	-1	<u> </u>	~		
Report End Date 7/12/2019 00:			Current S				Last Car Produ	sing Strings. I.,6,401:57RKE	511/2	E V
Day Total (Cost) \$6(850)	\$69,16	Oate (Cost)	Brant Depri	n (NKB), End	Depth (ftKB)	Onii Hrs (fw)		District: Barron Supervisor: Sa	itclo Monzon, ::Mänägeni iPrica; :(Roreman:Keith I vador, Figueroa.; :Day Si r.; :Partner: dbwnon!op@	Phillips, ; Day, indexisor
JSA/SFTY MT	TG, RIH W/ 4! IBL OF FRESI	H @1521', I	OF 1.66" T PUMPED	UBING AND TA 30 BBL OF HO	AG @ 1515", PUN T WATER @ 152	//PED 2.6 E 1', POH W/	BBL OF FLUSH, A 45 JOINTS OF	ATTACHED 6 I	FT SUB RIH TO 1521' A AND 6' SUB, SD FOR	ND
I tule rod			Cum Dur		[Unschd	1			
Start Date	End Date	Dur (hr)	(hr)	Code 1	Time Code	Туре		0	peration Details	····
7/11/2019 7/11/2019	7/11/2019/ 7/11/2019/	10.00	6,00 16, 00		FISHPLN		RIH TO TOF & WEATHER	PUMPED HO	TWATER, POH SI DUE T	О
7/11/2019	7/12/2019	8.00	24:00		SDFN	 				
Report #: 9	DFS: 4,117	.00		Rig: <r< td=""><td>lig?></td><td></td><td><u> </u></td><td></td><td>The state of the s</td><td></td></r<>	lig?>		<u> </u>		The state of the s	
Report End Date 7/13/2019 00:			Current S				Prod 1	ing String" , 6,401:57ftKB	.5.1/2	
Day, Total (Cost) \$7,650)	576;81	Date (Cost)	Stert Dopt	h (NKB) End	Depth ((tKB))	Dnit Hrs (nn)		Engineer, Mau District∺Barron Supervisor, Sa	icio Monzon: Manager I Rrice: Foreman, Keith F vador Figueroa: Day'S r., Raftner dbwnon-op@	?hillips∷ Dey ibervisor
DOWN, RIH V STRING WEI RELEASE FIS 2050'. SI, SDI	SH DOWN 27 WITH 61 ROD GHT BUT WO SH, LHR ROD	7/" TUBING IS, 2' SUB, DULD NOT	, SWIVEL 1' SUB AI RELEASE	ED UP AND TR ND 1 5/8' OVER E, TRIED TO RE	IIËD TO RELEAS SHOT, DOWN TO ELEASE FISH FR	E TUBING 0 1525', TR OM OVER!	AT 1600 LB-FT, NED TO RHR TA SHOT BY PULLI	3 ROUNDS IN C WITH 650 L NG 18 POINTS	WIVELED DOWN AND F AND 3 ROUNDS OUT, S B-FT AND PULLED 4 PT S OVER BUT WOULD NO 5/8" OVERSHOT, NEW T	SWIVELED S OVER
Time Log		г	Cum Dur		1	Unschd	· · · · · · · · · · · · · · · · · · ·			
Start Date	End Date	Our (hr)	(hr)	Code 1	Time Code	Type		O ₁	peration Details	
	7/12/2019 7/12/2019	10.00	18:00 18:00		WOD FISHPLN		TRY TO RELEA SDFN	SE TBING, PL	IMP FLUSH, LHR RODS	, POH, SI,
7/12/2019	77/13/2019	8.00	24:00		SDFN	<u> </u>				
Report #: 10	DFS: 4,12	0.00	النبينية	Rig: <	Rig?>	1	L			
Report End Date 7/16/2019 00:	00		Current Si	atus	 		est Cas Prod 1	ing String) - 6,401.57RKB	5.1/2	
Day-Total (Costj) \$7:650)	\$84,46	ale (Cost) 5)	Start Depri	1 (fix8) End (0)	Depin (ftKB)	on Hra (hr))	Avg ROP (Min)) [paty Comacts Ingineer Maur District: Barroni Supervisor: Sal		hillps. Day
JSA/SFTY MT PARAFFIN KN DOWN CASIN KNIFE, RIH W 2' BOX TAP, 2	24 Hour Summary JSA/SFTY MTG, BLOW DOWN WELLL, RIH W/ 1 5/8" OVERSHOT, 2' SUB, 76 7/8" RODS, TAG @ 1886', POH 76 RODS, 2' SUB, 1 5/8" OVERSHOT, RIH W/ PARAFFIN KNIFE, 1 SB, 2' SUB AND 75 7/8" RODS, TAG @ 1886', WORKED DOWN TO 1950' RIH 4 7/8" RODS AND 4' OUT, HOT OILER PUMPED 70 BBL DOWN CASING, CONTINUED TAGGING @ 1950', END OF BANNON PK 725 KNIFE BROKE W/ WASHER @ 1950', POH W/ 77 RODS, 2' SUB, 1 SB AND KNIFE, RIH W/ 7/8" OVERSHOT, 2' SUB AND 78 RODS, TAG TOF @ 1950', ROH W/ 78 RODS, 2' SUB AND 7/8" OVERSHOT, DID NOT CATCH FISH, RIH W/ 2' BOX TAP, 2' SUB AND 76 RODS, TAGED FISH @ 1950', POH W/ 2' BOX TAP, 2' SUB AND 76 RODS, DID NOT CATCH FISH, SI SDFN									
Time Log			Com Con T		· 	***************************************				
Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type		On	eration Details	
h for a make being and b	7/15/2019	6.00	6.00		WOD				<u> </u>	
7/15/2019/	7/15/2019	12.00	18/00		FISHPLN		TAG ABOVE FIS KNIFE, POH, SI,		KNIFE BROKE, TRIED T	O FISH
7/15/2019	7/16/2019	6.00	24:00		SDFN		2, 7 0, 1, 01,			
								-		,

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C to DED G. D G.

Well Name: RANDY FEDERAL #5

API/Surface Loc 3001536162		Surface Legal t	ocation			Field Name LOCO HII	LS (BP)	State/Province New Mexico	Well Purpose Production
Original KB Elevation (ft) 3,679.0				Ground Elevation (ft) 3,667.0			stance (fi))	Spud Date 4/4/2008 00:00	
Report #: 11	DFS: 4,12	21.00		Rig: <	:Rig?>				
Report End Date 7/17/2019 00:		,	Current S				Frod .	asing String) 11, 6,401/57ftKB	(5)1/2
Bay Total (Cost)) \$7,573	\$92,03	Date (Castl) 8	Start Doot	n(nkg)	(Dopus (AKB)	Zinii Hra (hr)	Avg ROF (Bay)	Engineer, Maur District, Barron Supervisor, Sal	iclo Monzon, Manager Production: Price, Foreman, Keith Phillips: (Day vador Eigueroa), Day Supervisor, , (Parmer: downon.op@concho.com)
JUNK BASKE TAG TOF @ TAG TOF @	FG, BLOW DO ET, 21 SB AND 1950', ROATE	D 58 RODS ED RODS C	, TAG TOI LOCKWIS	F @ 1950', POF SE, POH W/ 7/8	YW/JUNK BASK	(ET, 21 SB / 1 SBD, 58 f	AND 58 RODS, RODS, RIH W/ (RIH W/ 7/8" OV OVERSHOT W/	KET AND 78 7/8" RODS, RIH W/ ERSHOT, 21 SB AND 58 RODS, 1"' GRAPPLE, 21 SB, 58 RODS, 31, SDFN
Time Log		, , ,	Cum Dur		T	Unschd			
Start Date 7//16/20:19	End Date 7/16/2019	Dur (hr) 6.00	(hr) - (6!00)	Code 1	Tene Code WOD	Туре		Op	peration Datails
7/16/2019	7/16/2019	13.00	19.00		FISHPLN		RIH W/ OVER FISH, SI, SDF		APPLE TO TOF @ 1950', POH W/
7/16/2019	7/17/2019	5.00	24:00		SDFN	<u> </u>			
Report #: 12	DFS: 4,12	22.00		and the second s	:Rig?>				
Report End Date 7/18/2019 00:	.00		Current S	tatus	•		Listic Prod	asing String) 11, 6,401,57RKB	5,112
Day,Total (Cost)/ \$7;448	Cum To \$99:48	Addin Salah Jan Salah San Salah	Start Dept O	n (rikBi) Bac O)	Degus (nKB)	DANHOTON	Avg ROP (nn.)	District Barron! Supervisor, Sal	ciolMonzon: Manager Production Price: Foreman Keith Philips: Day vador Figueroa: Day Supervisor : Partner (dwynon op@concho.com)
SUB AND 2 5 Time Log	LED UP AND 1/16" BIT, RIH	WASHED W/ 63 ROD	OVER TO DS, 1 13/1 Cum Dur (hr)	2075' W/ 80 B 6" OVERSHOT	BL OF FRESH, T. 2' SUB, TAGED	TOF @ 20	2075', SWIVEL 75', POH W/ 40	RODS, SD FOR	H W/ 65 JOINTS OF 1.66" TBG, 1' R THUNDERSTORMS, SI, SDFN
	7/17/2019/	6.00	6:00	C008 1	WOD	Туре		Ор	eration Details
7/17/2019	7/17/2019	13 00	19:00		FISHPLN) 1975', WASHE H STILL IN HOLE	D OVER TO TOF @ 2075', POH 40 E
7/1/2019	7/18/2019	6.00	25,00		SDFN				
Report #: 13	DFS: 4,12	23.00	Current S	Rig: <	Rig?>		l'ast C	asing String	
7/19/2019 00:							Prod	146:401:57RKB	5 1/2
Day/Total (Cost)) \$8,295)	\$105/7	Date (Cost) 7.6	Buart Depti	O)	Depth (AKB)	Dig Hā (hā)		Engineer, Mauri District: Barron Supervisor, Sal	ció Monzon; : Manager Production Price: : Foreman Keith Philipe: ' (Day) vador Figueroa; : Day Supervisor; :: : Raftner: dbwnon op@concholcom;
24 Hour Summary JSA/SFTY MT FROM FISH, POH W/ 102 I	rg, blow do Poh 102 Ro	DS, 2' SUB	AND OVE	ershot, rih k	AND 1 13/16" OV NIFE W/ JARS, 2	2' SUB AND	RIH 1 13/16" O\ 101 RODS, TA	/ERSHOT, S' SU G @ 2529' AND	JB 101 7/8' RODS, TAG @ 2529', 50' WORKED WAY DOWN TO 2575.
Start Date	End Date	Dur (hr)	(hr)	Code 1	Time Code	Unactivi Type		Ор	eration Details
7/18/2019 7/18/2019	7/18/2019 7/18/2019	6.00 12.00	6:00		FISHPLN	+	POH 20 RODS	AND WORKED	WAY DOWN TO FISH AT 2575'
7/18/2019	7/:19/20:19	6.00	24:00	· · · · · · · · · · · · · · · · · · ·	SDFN	<u> </u>			THE POTENTIAL PO
Report#: 14	DFS: 4,12	7.00		Rig: <	Rig?>				
7/23/2019 00:	00		Current St	atus				1, 6,401.57ffKB	5:1/2'
Day,Total (Cost) \$51545)	Edm. 70 [\$14],113	Date (Cost)	Start Depth 0)	o'(ffKB)) End O)	Depui (nKB)	Dall Hrailber		Engineer, Mauri Districti Barronit Supervisor, Salv	cio Monzon; : Manager Rioduction Brice: :;Foreman: Kelth Philips: ;Day addi/Figueros; ::Day, Supervisor; ; : Parther, downon-op@conchoicon;
SFTY MTG, 2 SDFN	0# ON WELL	, BLED DN	& KILL W	ELL, RIH W/RO	DDS IN DERRICK	(& POH LD	RODS, RIH W	/1.66" WS IN DE	RRICK & POH LD 1.66" TBG, SI,

Apache

Job Chronology

Well Name: RANDY FEDERAL #5

APJ/Surface Loc Surface Legal Lo 3001536162 Original KB Elevation (ft) 3,679.0			gal Location			Field Name LOCO HI	LLS (BP)	State/Province New Mexico	Wall Purpose Production
			Ground Ele 3,667.0	Ground Elevation (fi) 3,667.0			K8-Ground Distance (ft) Sput Date (12:0) 4/4/2008 00:00		
Time Log									
Start Date	. End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type		Operation	Details
//22/2019	7/22/2019	6.00	6:00		WOD				
/22/2019	7/22/20191	10.00	18.00		RIHPOOH	····	LD RODS &	1.66" TBG OUT OF DE	RRICK, SI. SDFN
//22/2019	7/23/2019	8.00	24:00		SDFN				
	DFS: 4,12	8.00		Rig:	<rig?></rig?>				
teport End Date 7/24/2019 00:	00		Current Stat	us _.			Last Pro	Casing String) dt/1; 6;401:57ftKB; 5.1/2	managana ana sa
Day Total (Cost) \$14;492	\$125.8		Start Depth(0)	uka) E	nd Depth (fiKB)	Drill Haw (na)		Day Contacts Engineer, Mauricio M District, Barron Price, Supervisor, Salvador	onzon; Manager Production Foreman: Keith Phillips: :/Day Figueroa; :Day Supervisor. mer. dbwnon:op@concho.com

SFTY MTG, RIH W/ FREE POINT AND TAG TOF @ 2505, LOCATED COLLARS AT 2494' AND 2462', TBG FREE ABOVE FISH, ROH W/ FREEPOINT, RIH W/ TBG CUTTER, CUT TBG AT 2447' 1 1/2 JOINTS ABOVE FISH, POH W/ TBG CUTTER, POH 60 JOINTS OF 2 7/8" TBG, POH AND LAYED DOWN JOINT 61 WITH 4 HOLES IN TBG. POH 6 JOINTS OF TBG, PICKED UP STINGER, RIH 68 JOINTS OF TBG AND TESTED EACH STAND TO 5000 PSI, LAYED DOWN STINGER, SET TENSION PACKER, LOADED CASING ABOVE PACKER W/ 33 BBLS OF FRESH AND HELD 500 LBS, PUMPED 55 BBL TO TOP PERF AND 100 BBL PAST PERF DOWN BACKSIDED BELOW PACKER AT 3 BBL/MIN, NO PRESSURE SHOWN, SI, SDFN

T	lme	Log	

Start Dale	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschid . Type	Operation Details
the second second of	וי 23/2019.	6,00	.6100		WOD		
7/23 /2 0197.7	7/23/2019	12.00	18,00		FISHPLN		CUT TBG AT 2447', POH TBG, SET PACKER AT 2200', PUMPED 70 BBL PAST BOTTOM PERF, NO PRESSURE SHOWN
7/23/2019	7/24/2019	6.00	24:00		SDFN		

BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

Permanent Abandonment of Federal Wells Conditions of Approval (LPC Habitat)

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within <u>ninety (90)</u> days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

- 2. <u>Notification:</u> Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.
- 3. <u>Blowout Preventers</u>: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.
- 4. <u>Mud Requirement:</u> Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon.
- 5. <u>Cement Requirement</u>: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. Below Ground Level Cap (Lesser Prairie-Chicken Habitat): All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off. Upon the plugging and subsequent abandonment of wells that are located in lesser prairie-chicken habitat, the casings shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be covered with a metal plate at least ¼ inch thick and welded in place. A weep hole shall be left in the plate and/or casing.

NMOCD also requires the operator to notify NMOCD when this type of dry hole marker is used. This can be done on the subsequent report of abandonment which is submitted to the BLM after the well is plugged. State that a below ground cap was installed as required in the COA's from the BLM.

- 7. <u>Subsequent Plugging Reporting:</u> Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**
- 8. <u>Trash</u>: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.

<u>Timing Limitation Stipulation</u>/ <u>Condition of Approval for Lesser Prairie-Chicken:</u>
From March 1st through June 15th annually, abandonment activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted