

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
NM OIL CONSERVATION
ARTESIA DISTRICT

FORM APPROVED
OM B No. 1004-0137
Expires: October 31, 2014

SUNDRY NOTICES AND REPORTS ON WELLS AUG 21 2019

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

Apache Corporation

3a. Address

303 Veterans Airpark Ln, Midland, Tx 79705

3b. Phone No. (include area code)

432-556-9143

5. Lease Serial No.

NMLC-82920E

6. If Indian, Allottee or Tribe Name

KC029020E

7. If Unit of CA / Agreement, Name and/or No.

8. Well Name and No.

Randy Federal #5

9. API Well No.

30-015-36162

10. Field and Pool, or Exploratory Area

Loco Hill-Glorieta-Yeso

11. County or Parish, State

Eddy County, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 recompleat 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 recompleat 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.)

GC 8/26/19
Accepted for record - NMOCD

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.

Below ground level dry hole marker required

14. I hereby certify that the following is true and correct

Name

Guinn Burks

Title

Sr. Reclamation Foreman

Signature

Guinn Burks

Date

7/22/19

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

James U. Cross

Title

SPET

Date

7-24-19

Conditions of approval, if 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 operations thereon.

Office

CFO

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 BORE INFO.

LEASE NAME

Randy Federal

WELL #

5

API #

30-015-36162

COUNTY

EDDY

0
640
1280
1921
2561
3201
3841
4481
5122
5762
6402

12 1/4" Hole
8 5/8" 24# @ 377'
w/ 366 sx CIRC to Surf
1" to Surf. from 120'

Casing tested good to 500# psi

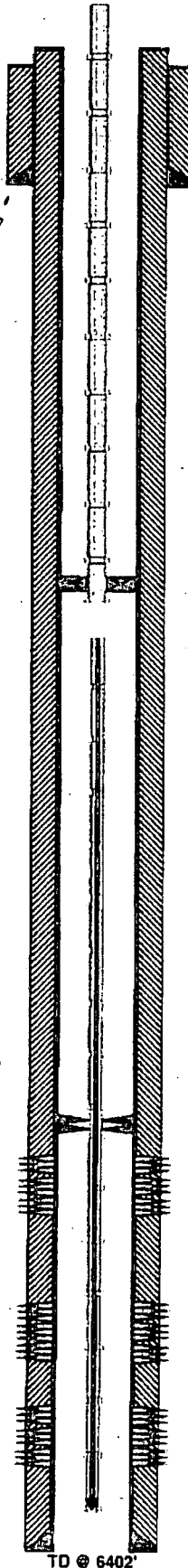
WS & packer set @ 2200'
PIR of 3 BPM @ 0# psi

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

DVT 3474
Circ. Both Stages

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

7 7/8" Hole
5 1/2" 17# @ 6402'
w/ 1600 sx Circ to Surf
EDT @ 6016'
TD @ 6402'



Top of
Rustler @
225

Top of Salt
@ 460'

Base of Salt
@ 1153'

Top of
Yates
@ 1334'
Bowers @

72.445 @ 1630

Top of
Queen @
2263'

Top of San
Andres @
3047'

Top of
Glorieta @
4494'

Yeso perms @ 4587'-4860'

Yeso perms @ 5300'-5520'

Top of Yeso
@ 4570'

Yeso perms @ 5710'-5900'



WELL BORE INFO.

LEASE NAME Randy Federal
 WELL # 5
 API # 30-015-36162
 COUNTY EDDY

PROPOSED PROCEDURE

0
 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

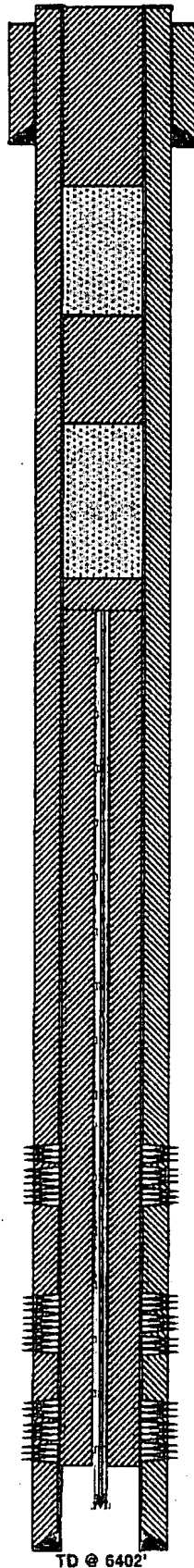
5122

5762

5402 7 7/8" Hole
 5 1/2" 17# @ 6402'
 w/ 1600 sx Circ to Surf

EOT @ 6015'

TD @ 6402'



Top of Rustler @ 225'

3. PUH & spot 55 sx Class "C" cmt from 510' to surf.
 (Top of Salt & Rustler, & Water Board)

Top of Salt @ 460'

Base of Salt @ 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 Yates, 7Rvrs, Bowers @ 1334'

1. With a pkr set @ 2200', sqz 250 sx Class "C" cmt down the casing, around the tubing to the perms & displace to 2300', WOC/TAG Repeat if necessary. RDMO WO rig.

Top of Queen @ 2263'

Top of San Andres @ 3047'

Top of Gorieta @ 4494'

Yeso perms @ 4587'-4860'

Yeso perms @ 5300'-5520'

Top of Yeso @ 4570'

Yeso perms @ 5710'-5900'



Job Chronology

Well Name: RANDY FEDERAL #5

API/Surface Loc 3001536162	Surface Legal Location	Field Name LOCO HILLS (BP)	State/Province New Mexico	Well Purpose Production
Original KB Elevation (ft) 3,679.0	Ground Elevation (ft) 3,667.0	KB-Ground Distance (ft) 12.0	Spud Date 4/4/2008 00:00	

Jobs

Job Cat LAB	AFE Number 11-18-1890	Start Date 6/28/2019	End Date	Job Spud Date	TD Date	Target Depth (ftKB)	Total AFE (Cost) \$125,000	Supp Amt (Cost) \$0	AFE+Supp Amt (Cost) \$125,000
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Operations Summary

Report #: 1 DFS: 4,103.00

Rig: <Rig?>

Report End Date 6/29/2019 00:00		Current Status				Last Casing String Prod: 1, 6:401:57ftKB, 5 1/2	
Day Total (Cost) \$7,615	Cum To Date (Cost) \$7,615	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer: Mauricio Monzon; Manager: Production District: Barron Price; Foreman: Keith Phillips; Day Supervisor: Salvador Figueroa; Day Supervisor: Anthony Brewer	

24 Hour Summary

JSA/SFTY MTG, MIRU, RU INSPECT, POH W/21 7/8" RODS, RODS WERE BACKED OFF, RIH W/FISHING TOOL, TAGGED PARAFFIN @ 300', POH W/FISHING TOOL, SI, SDFN

Time Log

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
6/28/2019	6/28/2019	6.00	6:00		WOD		
6/28/2019	6/28/2019	10.00	16:00		FISHPLN		MIRU, POH W/(21) 7/8" RODS, TAG PARAFFIN @ 300' W/FISHING TOOL, POH
6/28/2019	6/29/2019	8.00	24:00		SDFN		

Report #: 2 DFS: 4,106.00

Rig: <Rig?>

Report End Date 7/2/2019 00:00		Current Status			Last Casing String: Prod: 1, 6,401:57ftKB, 5:1/2	
Day Total (Cost) \$7,850	Cum To Date (Cost) \$15,465	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer, Mauricio Monzon, ; Manager: Production District, Barron Price, ; Foreman, Keith Phillips, ; Day Supervisor, Salvador Figueroa, ; Day Supervisor, Anthony Brewer, ; Partner, downon-op@concho.com.

24 Hour Summary

JSA/SFTY MTG, MAKE 2 RUNS W/22 RODS, JARS & PARAFFIN KNIFE, TAGGED TOF @ 545' BOTH RUNS, RIH W/22 RODS & 1 13/16" OS, STOP 25' ABOVE TOF, HOT WATER DN CSG, OS TAGGING @ 540', SPONGY THEN FALL TO 545', NO CATCH, POH, MAKE 2 MORE RUNS W/PARAFFIN KNIFE, TAGGING @ 545' BOTH RUNS, POH, RIH W/OS, TAGGING @ 540', SPONGY THEN FALL TO 545', UNABLE TO GET OVER FISH, POH, 25# CSG, BLED DN, ND WH, NU BOP, RU SWVL, PU 1 JT, WORK TBG @ 1600# BETWEEN 50K-65K, 3 RND IN, 3 RND BK, NO MOVEMENT, WORK @ 1600#/80K, 3 RND IN, 3 RND BK, NO MOVEMENT, RD SWVL, LEAVE 80K PULLED INTO TBG OVERNIGHT, SI, SDFN

Time Log

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
7/1/2019	7/1/2019	6.00	6:00		WOD		
7/1/2019	7/1/2019	12.00	18:00		FISHPLN		FISH RODS
7/1/2019	7/2/2019	6.00	24:00		SDFN		

Report #: 3 DFS: 4,107.00

Rig: <Rig?>

Report End Date 7/3/2019 00:00		Current Status				Last Casing String Prod: 1, 6:401:57ftKB, 5:1/2	
Day Total (Cost) \$15,600	Cum To Date (Cost) \$31,065	Start Depth (ftKB) 0	End Depth (ftKB) 0	Dril Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer, Mauncio Monzon; : Manager Production District, Barron Price; : Foreman, Keith Phillips; : Day Supervisor, Salvador Figueroa; : Day Supervisor, Anthony Brewer; :Partner, downon-op@concho.com;	

24 Hour Summary

JSA/SFTY MTG, 80K STILL ON TBG, SLACK OFF, RU WL, RIH W/ 1 9/16" PERF GUN, TAG @ 520' (WL DEPTH), SHOOT 4 HOLES, POH W/GUN, COATED IN PARAFFIN, RD WL, PUMP 8 BBLS H2O, HOLES TAKING FLUID, DUMP 55 GALS XYLENE, RU ACID, TEST LINES @ 1K, PUMP 25 BBLS 15% NEFE HCL @ 2BPM/0#, FLUSH TBG CAP, WELL ON VAC, RD ACID, WELL STARTED BLOWING @ 50#, KILL WELL, PU SWVL, WORK TBG @ 1600#/80K MAX, 3 RND IN, 3 BK, NO MOVEMENT, RD SWVL, RIH W/22 RODS & 1 13/16" OS, TAG @ 540' (TBG DEPTH), SPONGY, FELL TO 545', NO CATCH, HOT WATER DN TBG, CATCH FISH, TURN TO RT, FISH RELEASED, POH, BOWL SWOLLEN, SI, SDFN

Time Log

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation 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 RODS, CATCH FISH, TURN TO RT, FISH RELEASED

Well Name: RANDY FEDERAL #5

API/Surface Loc 3001536162	Surface Legal Location	Field Name LOCO HILLS (BP)	State/Province New Mexico	Well Purpose Production
Original KB Elevation (ft) 3,679.0	Ground Elevation (ft) 3,667.0	KB-Ground Distance (ft) 12:0	Spud Date 4/4/2008 00:00	

Report #: 4 DFS: 4,108.00		Rig: <Rig?>		
Report End Date 7/4/2019 00:00		Current Status		Last Casing String Prod 1: 6.401:57RKB; 5:1/2
Day Total (Cost) \$6,200	Cum To Date (Cost) \$37,265	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr) 0
Avg ROP (ft/hr) 0				
Daily Contacts Engineer: Mauricio Monzon; Manager: Production; District: Barron Price; Foreman: Keith Phillips; Day Supervisor: Salvador Figueroa; Day Supervisor: Anthony Brewer; Partner: dbwnon-op@concho.com				

24 Hour Summary
JSA/SFTY MTG, RIH W/CUT LIP GUIDE ON 7/8" PIN, TAG TOF @ 555', TRY TO SCREW INTO ROD, NO GO, POH, RIH W/ 13/16" OS, CATCH FISH, PULL 15K (SW @ 12K), TORQUE @ 650#, TURN LT, NOT BACKING OFF, DROP TO 10K/650#, TURN LT, BACKED OFF, POH W/OS & 39 RODS, CAME OUT W/BOX & SCALE SAMPLE (TOF @ 1525'), RIH W/ 1 5/8" OS, TAG @ 854', POH, RIH W/KNIFE, TAG @ 854', MAKE @ 6", SOLID TAG, POH, SEND SAMPLE W/TECH MGMT HAND, SI, SDFN

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
7/3/2019	7/3/2019	6.00	6:00		WOD		
7/3/2019	7/3/2019	11.00	17:00		FISHPLN		POH W/36 MORE RODS, TOF NOW @ 1525', TAGGING SCALE @ 854'
7/3/2019	7/4/2019	7.00	24:00		SDFN		

Report #: 5 DFS: 4,113.00		Rig: <Rig?>		
Report End Date 7/9/2019 00:00		Current Status		Last Casing String Prod 1: 6.401:57RKB; 5:1/2
Day Total (Cost) \$10,900	Cum To Date (Cost) \$48,165	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr) 0
Avg ROP (ft/hr) 0				
Daily Contacts Engineer: Mauricio Monzon; Manager: Production; District: Barron Price; Foreman: Keith Phillips; Day Supervisor: Salvador Figueroa; Day Supervisor: Anthony Brewer; Partner: dbwnon-op@concho.com				

24 Hour Summary
JSA/SFTY MTG, PUMP 275 GALS (6.5) BBLs SRW998 SULFATE CONVERTER W/3 BBLs 2%, LET SET FOR 2 HRS, RIH W/PARAFFIN KNIFE, TAG @ 845', WORK DN 10' TO 855', POH, SD FOR 1 HR TO ALLOW CHEM MORE TIME, GET 20 SINKER BARS, RIH W/KNIFE, 20 SB & 14 RODS, TAG @ 854', PU 1 ROD, BROKE THRU @ 879', RIH W/8 MORE RODS, TAG @ 1054', GOING DN 15', PULLIN 15 OVER TO COME BACK UP, POH, RIH W/KNIFE, JARS, 21 SB, 21 RODS, TAG @ 1054' WORK ON TO 1084', METAL PLATE CAME OFF BRAKE ROTOR, POH W/1 TRIPLE, SI, SDFN

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
7/8/2019	7/8/2019	6.00	6:00		WOD		
7/8/2019	7/8/2019	13.00	19:00		FISHPLN		WORK KNIFE FROM 845' TO 1084'
7/8/2019	7/9/2019	5.00	24:00		SDFN		

Report #: 6 DFS: 4,114.00		Rig: <Rig?>		
Report End Date 7/10/2019 00:00		Current Status		Last Casing String Prod 1: 6.401:57RKB; 5:1/2
Day Total (Cost) \$5,450	Cum To Date (Cost) \$53,615	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr) 0
Avg ROP (ft/hr) 0				
Daily Contacts Engineer: Mauricio Monzon; Manager: Production; District: Barron Price; Foreman: Keith Phillips; Day Supervisor: Salvador Figueroa; Day Supervisor: Anthony Brewer; Partner: dbwnon-op@concho.com				

24 Hour Summary
JSA/SFTY MTG, RIH W/ PARAFFIN KNIFE AND 20 SINKER BARS, TAG @ 1079, WORK DN 288' TO 1367', POH TO CLEAN JAR, RIH W/KNIFE, JARS, BROKE THROUGH @ 1367', MADE 10', TAG @ 1373', PULLED 15 OVER TO COME BACK UP, CONTINUED TO TAG @ 1367' AND BREAK THROUGH 10', TO 1373', POH W/ KNIFE, JARS, 21 SB, 33 RODS, SI, SDFN

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
7/9/2019	7/9/2019	6.00	6:00		WOD		
7/9/2019	7/9/2019	12.00	18:00		FISHPLN		RIH & CO FROM 1079' TO 1373', POH SI, SDFN
7/9/2019	7/10/2019	6.00	24:00		SDFN		

Report #: 7 DFS: 4,115.00		Rig: <Rig?>		
Report End Date 7/11/2019 00:00		Current Status		Last Casing String Prod 1: 6.401:57RKB; 5:1/2
Day Total (Cost) \$8,700	Cum To Date (Cost) \$62,315	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr) 0
Avg ROP (ft/hr) 0				
Daily Contacts Engineer: Mauricio Monzon; Manager: Production; District: Barron Price; Foreman: Keith Phillips; Day Supervisor: Salvador Figueroa; Day Supervisor: Anthony Brewer; Partner: dbwnon-op@concho.com				

24 Hour Summary
JSA/SFTY MTG RIH 1354' W/ 40 JTS OF 1.66" TUBING, PUMPED 3 BBL OF FRESH, 55 GAL OF SRW 998 SULFATE CONVERTOR, 55 GAL OF SRW 997 SULFATE DISOLVER, 2 BBLs OF FLUSH, LET SET FOR 2 HRS, POH 40 JOINTS OF 1.66" TUBING, RIH W/KNIFE, JARS, 21 SB, 33 RODS, TAG @ 1367', BROKE THROUGH @ 1373', RIH W/ 7 MORE RODS, TAGED TOF AT 1525', POH W/ KNIFE, JARS, 21 SB, 40 RODS, SI, SDFN

Well Name: RANDY FEDERAL #5

API/Surface Loc 3001536162	Surface Legal Location	Field Name LOCO HILLS (BP)	State/Province New Mexico	Well Purpose Production
Original KB Elevation (ft) 3,679.0	Ground Elevation (ft) 3,667.0	KB-Ground Distance (ft) 12.0	Spout Date 4/4/2008 00:00	

Time Log

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
7/10/2019	7/10/2019	6.00	6.00		WOD		
7/10/2019	7/10/2019	13.00	19.00		FISHPLN		RIH CO FROM 1360' TO 1525', SI, SDFN
7/10/2019	7/11/2019	5.00	24.00		SDFN		

Report #: 8 DFS: 4,116.00

Rig: <Rig?>

Report End Date 7/12/2019 00:00		Current Status				Last Casing String: Prod: 1, 6, 401, 57RKB, 5 1/2"	
Day/Total (Cost) \$6,850	Cum-To Date (Cost) \$69,165	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Day Contacts: Engineer: Mauricio Monzon, Manager, Production District: Barron Price, Foreman: Keith Phillips, Day Supervisor: Salvador Figueroa, Day Supervisor, Anthony Brewer, Partner: dbwnon-op@concho.com	

24 Hour Summary

JSA/SFTY MTG, RIH W/ 45 JOINTS OF 1.66" TUBING AND TAG @ 1515', PUMPED 2.6 BBL OF FLUSH, ATTACHED 6 FT SUB RIH TO 1521' AND PUMPED 3 BBL OF FRESH @ 1521', PUMPED 30 BBL OF HOT WATER @ 1521', POH W/ 45 JOINTS OF 1.66" TUBING AND 6' SUB, SD FOR THUNDERSTORMS, SI, SDFN

Time Log

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
7/11/2019	7/11/2019	6.00	6.00		WOD		
7/11/2019	7/11/2019	10.00	16.00		FISHPLN		RIH TO TOF & PUMPED HOTWATER, POH SI DUE TO WEATHER
7/11/2019	7/12/2019	8.00	24.00		SDFN		

Report #: 9 DFS: 4,117.00

Rig: <Rig?>

Report End Date 7/13/2019 00:00		Current Status				Last Casing String Prod: 1, 6, 401, 57RKB, 5 1/2"	
Day/Total (Cost) \$7,650	Cum To Date (Cost) \$76,815	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr) 0	Avg ROP (ft/hr)	Daily Contacts Engineer: Mauricio Monzon, Manager, Production, District: Barron Price, Foreman: Keith Phillips, Day Supervisor: Salvador Figueroa, Day Supervisor, Anthony Brewer, Partner: dbwnon-op@concho.com.	

24 Hour Summary

JSA/SFTY MTG SWIVELED UP TO TRY RELEASE 2 7/8" TUBING AT 1600 LB-FT, 3 ROUNDS IN AND 3 ROUNDS OUT, SWIVELED DOWN AND PUMPED 80 BBL OF FRESH DOWN 2 7/8" TUBING, SWIVELED UP AND TRIED TO RELEASE TUBING AT 1600 LB-FT, 3 ROUNDS IN AND 3 ROUNDS OUT, SWIVELED DOWN, RIH WITH 61 RODS, 2' SUB, 1' SUB AND 1 5/8" OVERSHOT, DOWN TO 1525', TRIED TO RHR TAC WITH 650 LB-FT AND PULLED 4 PTS OVER STRING WEIGHT BUT WOULD NOT RELEASE, TRIED TO RELEASE FISH FROM OVERSHOT BY PULLING 18 POINTS OVER BUT WOULD NOT RELEASE FISH, LHR RODS AND PULLED 3 POINTS FROM 12 THE 12 POINTS DH, POH W/ 81 RODS, 2' SUB AND 1 5/8" OVERSHOT, NEW TOF IS 2050', SI, SDFN

Time Log

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
7/12/2019	7/12/2019	6.00	6.00		WOD		
7/12/2019	7/12/2019	10.00	16.00		FISHPLN		TRY TO RELEASE TBING, PUMP FLUSH, LHR RODS, POH, SI, SDFN
7/12/2019	7/13/2019	8.00	24.00		SDFN		

Report #: 10 DFS: 4,120.00

Rig: <Rig?>

Report End Date 7/16/2019 00:00		Current Status				Last Casing String Prod. 1, 6, 401, 57RKB, 5.1/2"	
Day/Total (Cost) \$7,650	Cum-To Date (Cost) \$84,465	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Day Contacts Engineer: Mauricio Monzon, Manager, Production District: Barron Price, Foreman, Keith Phillips, Day Supervisor: Salvador Figueroa, Day Supervisor, Anthony Brewer, Partner, dbwnon-op@concho.com	

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

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
7/15/2019	7/15/2019	6.00	6.00		WOD		
7/15/2019	7/15/2019	12.00	18.00		FISHPLN		TAG ABOVE FISH, HOT H2O, KNIFE BROKE, TRIED TO FISH KNIFE, POH, SI, SDFN
7/15/2019	7/16/2019	6.00	24.00		SDFN		



Job Chronology

Well Name: RANDY FEDERAL #5

API/Surface Loc 3001536162	Surface Legal Location	Field Name LOCO HILLS (BP)	State/Province New Mexico	Well Purpose Production
Original KB Elevation (ft) 3,679.0	Ground Elevation (ft) 3,667.0	KB-Ground Distance (ft) 12.0	Spud Date 4/4/2008 00:00	

Report #: 11 DFS: 4,121.00		Rig: <Rig?>		
Report End Date 7/17/2019 00:00		Current Status		Last Casing String Prod 1: 6.401.57(RKB) 5 1/2"
Day Total (Cost) \$7,573	Cum To Date (Cost) \$92,038	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr) 0
		Avg ROP (ft/hr)	Daily Contacts Engineer: Mauricio Monzon, Manager Production District: Barron Price, Foreman: Keith Phillips, Day Supervisor: Salvador Figueroa, Day Supervisor: Anthony Brewer, Partner: dbwnon-op@concho.com	

24 Hour Summary
JSA/SFTY MTG, BLOW DOWN WELL RIH W/ JUNK BASKET AND 78 7/8" RODS, TAG TOF @ 1950', POH W/ JUNK BASKET AND 78 7/8" RODS, RIH W/ JUNK BASKET, 21 SB AND 58 RODS, TAG TOF @ 1950', POH W/ JUNK BASKET, 21 SB AND 58 RODS, RIH W/ 7/8" OVERSHOT, 21 SB AND 58 RODS, TAG TOF @ 1950', ROTATED RODS CLOCKWISE, POH W/ 7/8" OVERSHOT, 21 SB, 58 RODS, RIH W/ OVERSHOT W/ 1" GRAPPLE, 21 SB, 58 RODS, TAG TOF @ 1950', ROTATED RODS CLOCKWISE, POH W/ 58 RODS, 21 SB, OVERSHOT W/ 1" GRAPPLE AND FISH, SI, SDFN

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
7/16/2019	7/16/2019	6.00	6:00		WOD		
7/16/2019	7/16/2019	13.00	19:00		FISHPLN		RIH W/ OVERSHOT W/ 1" GRAPPLE TO TOF @ 1950', POH W/ FISH, SI, SDFN
7/16/2019	7/17/2019	5.00	24:00		SDFN		

Report #: 12 DFS: 4,122.00		Rig: <Rig?>		
Report End Date 7/18/2019 00:00		Current Status		Last Casing String Prod 1: 6.401.57(RKB) 5 1/2"
Day Total (Cost) \$7,448	Cum To Date (Cost) \$99,486	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr) 0
		Avg ROP (ft/hr)	Daily Contacts Engineer: Mauricio Monzon, Manager Production District: Barron Price, Foreman: Keith Phillips, Day Supervisor: Salvador Figueroa, Day Supervisor: Anthony Brewer, Partner: dbwnon-op@concho.com	

24 Hour Summary
JSA/SFTY MTG, RACK 1.66 TBG, WELL RIH W/ 78 7/8" RODS, 2' SUB AND 1 5/8" OVERSHOT, ENGAGE FISH @ 1950'. POH 78 RODS, 2' SUB, 1 5/8" OVERSHOT AND 1 7/8" ROD, TOTAL RODS RECOVERED 82', TOF 2075', RIH W/ 62 JOINTS OF 1.66" TBG, 1' SUB, 2 5/16" BIT AND TAG AT 1967' 10" OUT, SWIVELED UP AND WASHED OVER TO 2075' W/ 80 BBL OF FRESH, TAG TOF @ 2075', SWIVELED DOWN, POH W/ 65 JOINTS OF 1.66" TBG, 1' SUB AND 2 5/16" BIT, RIH W/ 63 RODS, 1 13/16" OVERSHOT, 2' SUB, TAGED TOF @ 2075', POH W/ 40 RODS, SD FOR THUNDERSTORMS, SI, SDFN

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
7/17/2019	7/17/2019	6.00	6:00		WOD		
7/17/2019	7/17/2019	13.00	19:00		FISHPLN		POH 1 ROD @ 1975', WASHED OVER TO TOF @ 2075', POH 40 RODS W/ FISH STILL IN HOLE
7/17/2019	7/18/2019	6.00	25:00		SDFN		

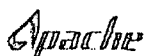
Report #: 13 DFS: 4,123.00		Rig: <Rig?>		
Report End Date 7/19/2019 00:00		Current Status		Last Casing String Prod 1: 6.401.57(RKB) 5 1/2"
Day Total (Cost) \$8,295	Cum To Date (Cost) \$105,776	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr) 0
		Avg ROP (ft/hr)	Daily Contacts Engineer: Mauricio Monzon, Manager Production District: Barron Price, Foreman: Keith Phillips, Day Supervisor: Salvador Figueroa, Day Supervisor: Anthony Brewer, Partner: dbwnon-op@concho.com	

24 Hour Summary
JSA/SFTY MTG, BLOW DOWN WELL, POH 42 RODS 2' SUB AND 1 13/16" OVERSHOT, RIH 1 13/16" OVERSHOT, S' SUB 101 7/8" RODS, TAG @ 2529', 50' FROM FISH, POH 102 RODS, 2' SUB AND OVERSHOT, RIH KNIFE W/ JARS, 2' SUB AND 101 RODS, TAG @ 2529' AND WORKED WAY DOWN TO 2575', POH W/ 102 RODS, KNIFE AND RODS, SI, SDFN

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
7/18/2019	7/18/2019	6.00	6:00		WOD		
7/18/2019	7/18/2019	12.00	18:00		FISHPLN		POH 20 RODS AND WORKED WAY DOWN TO FISH AT 2575'
7/18/2019	7/19/2019	6.00	24:00		SDFN		

Report #: 14 DFS: 4,127.00		Rig: <Rig?>		
Report End Date 7/23/2019 00:00		Current Status		Last Casing String Prod 1: 6.401.57(RKB) 5 1/2"
Day Total (Cost) \$5,545	Cum To Date (Cost) \$111,321	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr) 0
		Avg ROP (ft/hr)	Daily Contacts Engineer: Mauricio Monzon, Manager Production District: Barron Price, Foreman: Keith Phillips, Day Supervisor: Salvador Figueroa, Day Supervisor: Anthony Brewer, Partner: dbwnon-op@concho.com	

24 Hour Summary
SFTY MTG, 20# ON WELL, BLED DN & KILL WELL, RIH W/RODS IN DERRICK & POH LD RODS, RIH W/1.66" WS IN DERRICK & POH LD 1.66" TBG, SI, SDFN.



Job Chronology

Well Name: RANDY FEDERAL #5

API/Surface Loc 3001536162	Surface Legal Location	Field Name LOCO HILLS (BP)	State/Province New Mexico	Well Purpose Production
Original KB Elevation (ft) 3,679.0	Ground Elevation (ft) 3,667.0	KB-Ground Distance (ft) 12.0	Spud Date 4/4/2008 00:00	

Time Log

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
7/22/2019	7/22/2019	6.00	6:00		WOD		
7/22/2019	7/22/2019	10.00	16:00		RIHPOOH		LD RODS & 1.66" TBG OUT OF DERRICK, SI, SDFN
7/22/2019	7/23/2019	8.00	24:00		SDFN		

Report #: 15 DFS: 4,128.00

Rig: <Rig?>

Report End Date 7/24/2019 00:00	Current Status	Last Casing String Prod: 1, 6, 401, 57 (KB), 5 1/2		
Day Total (Cost) \$14,492	Cum-To-Date (Cost) \$125,813	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr) 0
Avg ROP (ft/hr)	Day Contacts: Engineer: Mauricio Monzon, Manager Production District: Barron Price, Foreman: Keith Phillips, Day Supervisor: Salvador Figueroa, Day Supervisor: Anthony Brewer, Partner: dbwnon-op@concho.com			

24 Hour Summary

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

Time Log

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
7/23/2019	7/23/2019	6.00	6:00		WOD		
7/23/2019	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 **ninety (90)** 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. **Notification:** 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. **Blowout Preventers:** 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. **Mud Requirement:** 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. **Cement Requirement:** 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. Subsequent Plugging Reporting: 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. Trash: 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.

Timing Limitation Stipulation/ Condition of Approval for Lesser Prairie-Chicken:

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