	UNITED STATES EPARTMENT OF THE I	NTERIOR	OCD A.	tooio	OMB	M APPROVED NO. 1004-0137 : January 31, 2018
SUNDRY	UREAU OF LAND MANA NOTICES AND REPO	RTS ON WE		resia	5. Lease Serial No. NMNM055858	
abandoned we	is form for proposals to II. Use form 3160-3 (AP	D) for such p	roposals.		6. If Indian, Allottee	or Tribe Name
SUBMIT IN	TRIPLICATE - Other ins	tructions on	page 2		7. If Unit or CA/Ag	reement, Name and/or No.
Type of Well     Gas Well □ Ot	her				8. Well Name and N ATALAYA FEDI	
2. Name of Operator MARATHON OIL PERMIAN I	Contact:	MELISSA SZ @marathonoil.c	UDERA om		9. API Well No. 30-015-24430	)-00-S1
3a. Address 5555 SAN FELIPE ST HOUSTON, TX 77056		3b. Phone No. Ph: 713-29	(include area code) 6-3179		10. Field and Pool o BONE SPRIN	
4. Location of Well (Footage, Sec., 2	T., R., M., or Survey Description	i)			11. County or Paris	h, State
Sec 35 T17S R30E NWSW 1	980FSL 660FWL				EDDY COUN	TY, NM
12. CHECK THE A	PPROPRIATE BOX(ES)	TO INDICA	ΓE NATURE O	F NOTICE,	REPORT, OR O	THER DATA
TYPE OF SUBMISSION		· .	TYPE OF	ACTION		
Notice of Intent	☐ Acidize	☐ Deep	en	☐ Product	ion (Start/Resume)	■ Water Shut-Off
_	☐ Alter Casing	☐ Hyd	raulic Fracturing	☐ Reclam	ation	■ Well Integrity
☐ Subsequent Report	☐ Casing Repair	_	Construction	□ Recomp	olete	☐ Other
☐ Final Abandonment Notice	☐ Change Plans	🛛 Plug	and Abandon	☐ Tempor	arily Abandon	
	☐ Convert to Injection	☐ Plug	Back	☐ Water I	Disposal	
13. Describe Proposed or Completed Or If the proposal is to deepen direction Attach the Bond under which the wo following completion of the involve testing has been completed. Final A determined that the site is ready for  1) 8 5/8 CIBP @ 2900' w/35s 2) 35sx @ 2660' - 2560'. 3) 35sx @ 2660' - 2560'. 4) 40sx @ 450' - 350' tag. 5) 35sx @ 100' - Surface. Ve Record indicate 8 5/8 and 13 P&A mud between all plugs.	nally or recomplete horizontally, ork will be performed or provided operations. If the operation rebandonment Notices must be fifinal inspection.  x cement.  irify. Install DHM.  3/8 cemented to surface.	give subsurface the Bond No. or sults in a multipled only after all	locations and measu if file with BLM/BIA e completion or reco requirements, includ	Required su mining reclamation with the sum of the sum	ertical depths of all perbequent reports must new interval, a Form 3 n, have been complete H: 13, 0	rtinent markers and zones. be filed within 30 days 3160-4 must be filed once
Closed loop all fluids to licens	sed facility.		·	OI AII	Accepted to	seord - NMOCD
Below grow	ed level dry	, hole	marke	ree	ui red	
14. I hereby certify that the foregoing i	Electronic Submission #	N OIL PERMIA	N LLC, sent to the	ne Carlsbad	•	
	SZUDERA				MPLIANCE REP	

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Date

Approved By

SPET Title

06/25/2019

6-29-1 Date

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.

(Electronic Submission)

Office

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.

## 11 11 11 Marathon Oil

www.marathonoil.com

## Wellbore Schematic Well Name: ATALAYA FEDERAL 1

North/South Distance (ft) North/South Reference Field Name GRAYBURG Latitude (\*) State/Province NEW MEXICO Country
UNITED STATES 32,78910100 -103.94849400 1,980.0 FSI **JACKSON** Well Original Completion Date Well First Production Date KB-Ground Distance (ft) Yeste KB-Mud Line Distance (ft) 图象 Ground Elevation (ft) **Drilling Rig Spud Date** API/IPO UWI ATALAYA FEDERAL 1, 6/24/2019 4:56:59 PM Vertical schematic (actual) MD (ftKB) Des:Conductor 1; Category:Casing; 2 Des:Conductor Cement; Category:Cement; OD:13.375 in; ID:12.720 in; Length:385.00 ft; Top MD:15.0 ftKB; Btm MD:400.0 ftKB ID Min:0.000 in; Wt.:48.00 lb/ft; Grade:H-40; Des:Surface Casing Cement; Category:Cement; Top MD:15.0 ftKB; Btm-Top MD:15.0 ftKB; Btm MD:400.0 ftKB MD:3,100.0 ftKB Tubing; 2.875 404 circ 2504 -2-7/8" EUE x 2-3/8" EUE Cross over; 2.875 2.956.0 \times Tubing; 2.375 2,992.1 Per Top MD:2,992.0; Btm MD:3,014.0 Des:Cement Plug; Category:Cement; Top 3,015.1 MD:3,015.0 ftKB; Btm MD:3,020.0 ftKB Bridge plug - permanent; 3,025.0 3,024.9 Des:Surface; Category:Casing; OD:<u>8.625 in:</u> ID:8.100 in; Length:3,085.00 ft; ID Min:7.972 Des:Cement Plug; Category:Cement; Top MD:3,030.0 ftKB; Btm MD:3,150.0 ftKB in; Wt.:24.00 lb/ft; Grade:K55; Top MD:15.0 3,100.1 3100 1:16 SA 3336 ftKB; Btm MD:3,100.0 ftKB Des:Cement Plug; Category:Cement; Top MD:4,295.0 ftKB; Btm MD:4,400.0 ftKB 14 40046 Des:Cement Plug; Category:Cement, Top cut (Pull 51/2 cs9 MD:5.017.0 ftKB; Btm MD:5,100.0 ftKB 5,017.1 Des:Cement Squeeze; Category:Cement; Top MD:5,725.0 ftKB; Btm MD:6,677.0 ftKB 70C \$755 5,725.1 Des:Cement Plug; Category:Cement; Top 6248 MD:6,250.0 ftKB; Btm MD:6,300.0 ftKB 6,299.9 Bridge plug - permanent; 6,305.0 43 💞 G158 6,386.2 Top MD:6,386.0: Btm MD:6,406.0 6.649.9 Cement Retainer, 6,655.0 6650 室||5|||産 6,674.9 Top MD:6,675,0; Btm MD:6,677.0 Des:Cement Plug; Category:Cement; Top 7030 Toc 7.899.9 MD:7,900.0 ftKB; Btm MD:8,000.0 ftKB 7459:Production Casing Cement; Category:Cement; Top MD:7,900.0 ftKB; Btm Bridge plug - permanent; 8,005.0 8,004.9 Top MD:8,010.0; Btm MD:8,044.0 MD:9,125.0 ftKB 8,044.0 Des:Cement Plug; Category:Cement; Top WL 8160 MD:8,550.0 ftKB; Btm MD:8,600.0 ftKB 8,600.1 + 35' Bridge plug - permanent; 8,605.0 Act 8627 Top MD:8,627.0; Btm MD:8,672.0 8,627.0 Des:Cement Plug; Category:Cement; Top 8,680.1 MD:8,680.0 ftKB; Btm MD:8,755.0 ftKB Bridge plug - permanent; 8,760.0 8,759.8 Top MD:8,766.0; Btm MD:8,858.0 8,857.9 Des:Cement Plug; Category:Cement; Top MD:8,860.0 ftKB; Btm MD:8,910.0 ftKB 8,910.1 Bridge plug - permanent; 8,915.0 CIGA 8960 + 35'cmt Per 7 Top MD:8,926.0; Btm MD:8,989.0 8,925.9 Des:Production 1; Category:Casing; OD:5.500 in; ID:4.890 in; Length:4,025.00 ft; 9.125.0 ID Min:0.000 in; Wt.:17.00 lb/ft; Grade:K-55; Des:Cement Plug; Category:Cement; Top Cisco 9452 Top MD:5,100.0 ftKB; Btm MD:9,125.0 ftKB MD:9,225.0 ftKB; Btm MD:9,525.0 ftKB **\*\*\*\*\*\*\*** 9,524.9 Des:Cement Plug; Category:Cement; Top 10308 MD:9,974.0 ftKB; Btm MD:10,410.0 ftKB 10,410.1 Des:Cement Plug; Category:Cement; Top 10453 MD:10.424.0 ftKB; Btm MD:10,860.0 ftKB 10,859.9 Des:Cement Plug; Category:Cement; Top\_ MR 1075 MD:10.925.0 ftKB; Btm MD:11,360.0 ftKB 11.359.9 Report Printed: 6/24/2019

Page 1/1

# Marathon Oil

## Wellbore Schematic Well Name: ATALAYA FEDERAL 1

State/Province NEW MEXICO	Country UNITED STATES	Field Name GRAYBURG JACKSON	Latitude (°) 32,78910100	Longitude (*) -103.94849400	North/South Distance (ft) 1,980.0	North/South Reference FSL			
API/ IPO UWI	KB-Ground Distance (ft)	KB-Mud Line Distance (ft)	Ground Elevation (ft)	Drilling Rig Spud Date	Well Original Completion Da	ite Well First Production Date			
		ATALAYA	FEDERAL 1, 6/24/2	019 4:56:59 PM					

ATALAYA FEDERAL 1, 6/24/2019 4:56:51  MD (ftKB)  Des:Conductor Cement; Category:Cement; Top MD:15.0 ftKB; Btm MD:400.0 ftKB Des:Surface Casing Cement; Category:Cement; Top MD:15.0 ftKB; Btm MD:3,100.0 ftKB  Des:Cement Plug; Category:Cement; Top MD:3,015.0 ftKB; Btm MD:3,020.0 ftKB  Des:Cement Plug; Category:Cement; Top MD:3,030.0 ftKB; Btm MD:3,150.0 ftKB  Des:Cement Plug; Category:Cement; Top MD:4,295.0 ftKB; Btm MD:4,400.0 ftKB Des:Cement Plug; Category:Cement; Top MD:5,017.0 ftKB; Btm MD:5,100.0 ftKB Des:Cement Plug; Category:Cement; Top MD:5,017.0 ftKB; Btm MD:6,677.0 ftKB Des:Cement Squeeze; Category:Cement; Top MD:5,725.0 ftKB; Btm MD:6,677.0 ftKB Des:Cement Plug; Category:Cement; Top MD:6,250.0 ftKB; Btm MD:6,300.0 ftKB	
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6,674.9	Top MD:6,675.0; Btm MD:6,677.0
7,899.9 Des:Cement Plug; Category:Cement; Top	Bridge plug - permanent; 8,005.0
8,004.9 Des:Production Casing Cement; Category:Cement; Top MD:7,900.0 ftKB; Btm	Top MD:8,010.0; Btm MD:8,044.0
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8,857.9 Des:Cement Plug; Category:Cement; Top	
8,910.1 WID:8,860.0 RKB, Birth WID:8,910.0 RKB	Bridge plug - permanent; 8,915.0  Top MD:8,926.0; Btm MD:8,989.0
8,925.9	Des:Production 1; Category:Casing; OD:5.500 in; ID:4.890 in; Length:4,025.00 ft;
9,125.0 Des:Cement Plug; Category:Cement, Top	ID Min: 0.000 in; Wt.: 17.00 lb/ft; Grade: K-55;
9,524.9 MD:9,225.0 ftKB; Btm MD:9,525.0 ftKB  Des:Cement Plug; Category:Cement; Top	
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11,359.9 MD:10,925.0 ftKB; Blm MD:11,360.0 ftKB	<b>š</b>

## 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 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> 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 10<sup>th</sup> 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/ Condition of Approval for Lesser Prairie-Chicken:</u>
From March 1<sup>st</sup> through June 15<sup>th</sup> 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

Form 3160-5 (June 2015)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

INIDDV	NOTICES	AND REPOR	TS ON WELLS

SUNDRY NOTICES AND REPORTS ON WELLS

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

FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2018

5.	Lease Serial No.	
	NIMI CO20420A	

6.	If Ir	dian,	Allo	ttee or	Tribe	Name

abandoned wei	II. Use form 3160-3 (APD)	tor sucn p	roposais.		o. 11 110 110 1		
SUBMIT IN	TRIPLICATE - Other instru	ctions on	page 2		7. If Unit or CA/Agre	ement,	Name and/or No.
1. Type of Well Gas Well Oth			8. Well Name and No. SKELLY UNIT 902				
Name of Operator Contact: DANA KING     CHEVRON USA INCORPORATED E-Mail: dking@concho.com					9. API Well No. 30-015-29322-00-S1		
3a. Address       3b. Phone No. (include area code)         6301 DEAUVILLE BLVD       Ph: 432-818-2267         MIDLAND, TX 79706       Ph: 432-818-2267					10. Field and Pool or Exploratory Area HENSHAW		
4. Location of Well (Footage, Sec., T					11. County or Parish,	State	
Sec 15 T17S R31E SWNW 1650FNL 990FWL EDDY COUNTY, NM							
12. CHECK THE AI	PPROPRIATE BOX(ES) TO	O INDICA	TE NATURE OI	F NOTICE,	REPORT, OR OT	HER I	DATA .
TYPE OF SUBMISSION	-		TYPE OF	ACTION	· · · - · · · · · · · · · · · · ·		
■ Notice of Intent	☐ Acidize	☐ Dee	pen	☐ Producti	on (Start/Resume)		Water Shut-Off
_	☐ Alter Casing	☐ Hyd	raulic Fracturing	□ Reclama	tion.		Well Integrity
☐ Subsequent Report	□ Casing Repair	□ New	Construction	□ Recomp	lete		Other
☐ Final Abandonment Notice	☐ Change Plans	Plug	g and Abandon	☐ Tempora	arily Abandon	W	orkover Operations
	☐ Convert to Injection	Plug	g Back	□ Water D	isposal		
following completion of the involved testing has been completed. Final At determined that the site is ready for for this well is currently down for blanking plug to the packer are is a HIT, TOOH w/tbg, replace 500'. If we have a packer leal packer, repair packer. Run balf we pump mud, acidize well mud/pull packer. Turn SWD by the proposed with the prop	andonment Notices must be filed inal inspection.  a failed MIT. COG Operation determine whether we have any failed joints of IPC, tripk, pull blanking plug, shut in ack in hole with tbg and pact prior to turning it back on. Verack on, clean location and the procedure & WBD.	only after all  ng LLC res ave a hole i b back in ho csg, kill we ker. Conta Vill not acid turn over to	pectfully requests in tubing or other ole, pressure testell. TOOH w/tbg ot NMOCD to with operations.	s to run the issue. If it tbg every and ness the Mi	n, have been completed	O1	ince
14. I hereby certiff that the foregoing is	true and correct. Electronic Submission #460 For CHEVRON USA nmitted to AFMSS for process	A INCORPO	RATED, sent to t	he Carlsbad	-	RE	CENED
Name (Printed/Typed) DANA KIN		sing by riki		TING CON		HAN	2 5 2019
						<del>د الله ل</del>	2010
Signature (Electronic S	Submission)		Date 05/21/20	019	nisti	RICTI	I-ARTESIAO.C.D.
	THIS SPACE FOR	FEDERA	L OR STATE	OFFICE US	SE		
Approved By JEROMY PORTER Conditions of approval, if any, are attache certify that the applicant holds legal or equivalent would entitle the applicant to conductive the a	d. Approval of this notice does no uitable title to those rights in the su		TitlePETROLE	•	EER		Date 06/05/2019
Title 18 U.S.C. Section 1001 and Title 43	U.S.C. Section 1212, make it a cri		erson knowingly and		ike to any department o	r agenc	y of the United
States any false, fictitious or fraudulent	statements or representations as to	any matter w	ithin its jurisdiction.		·		

## Revisions to Operator-Submitted EC Data for Sundry Notice #466148

**Operator Submitted** 

**BLM Revised (AFMSS)** 

Sundry Type:

WRK

NOI

NMLC029420A

WRK NOI

Agreement:

Lease:

NMLC029420A

NMNM71030X

Operator:

COG OPERATING LLC 600 W. ILLINOIS AVE MIDLAND, TX 79701 Ph: 432-818-2267

CHEVRON USA INCORPORATED 6301 DEAUVILLE BLVD MIDLAND, TX 79706 Ph: 432 687 7100

Admin Contact:

DANA KING PERMIT SPECIALIST E-Mail: dking@concho.com

DANA KING SUBMITTING CONTACT E-Mail: dking@concho.com

Ph: 432-818-2267

Tech Contact:

DANA KING PERMIT SPECIALIST E-Mail: dking@concho.com

DANA KING SUBMITTING CONTACT E-Mail: dking@concho.com

Ph: 432-683-7443

Ph: 432-683-7443

Ph: 432-818-2267

Location:

State: County:

**EDDY** 

NM EDDY

Field/Pool:

SWD;WOLFCAMP-CISCO ·

**HENSHAW** 

Well/Facility:

**SKELLY UNIT 902** 

Sec 15 T17S R31E Mer NMP SWNW 1650FNL 990FWL

SKELLY UNIT 902 Sec 15 T17S R31E SWNW 1650FNL 990FWL

### Discussion

The Skelly #902 was drilled to the Morrow in 1997. It was converted to an SWD in 2011 by Chevron. This will has not been pulled since 2011. The well is currently down for a failed MIT.

Set the blanking plug and determine whether we have a hole in tubing or other issue. If it is a HIT, Engineer would like to replace any failed joints of IPC and continue utilizing this string if possible. We have 50 joints of 3-1/2" L80 IPC w/ turn down collars in stock at the BKU Yard.

### Wellbore Diagram

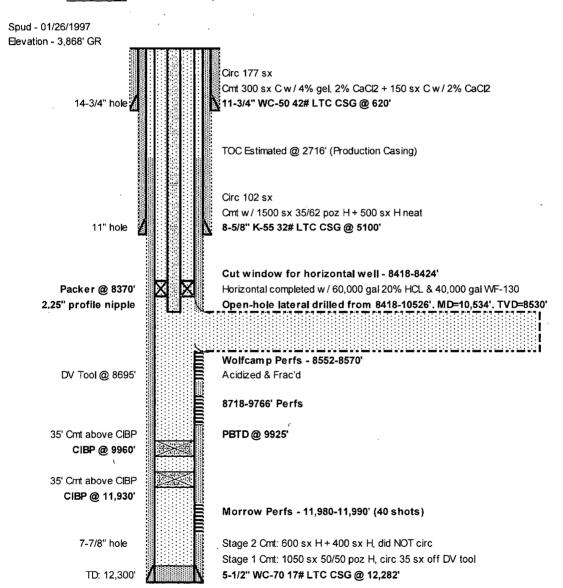
Well: Skelly Unit #902 SWD

E-15-17S-31E, 1650 FNL & 990 FWL

APINo: 30-015-29322

Eddy County, NM

Lat/Long: 32.8372917,-103.8629456



#### **General Information**

Well Name: Skelly Unit #902

API#: 30-015-29322

Date Procedure Prepared: 5/16/2019

#### **Procedure**

- Notify OCD of intent to start work 24 hours prior to rigging up
- RU (3) 500 bbl frac tanks to flow back into
- RU flowline to frac tanks and attempt to flow down casing
- If pressure doesn't quickly bleed down then check the SICP and the SITP to verify communication
- RU wireline to run a blanking plug to the packer. Engineer believes the bottom landing nipple is a 2.225 F
  - o Once set we should have a pretty good idea as to what the issue is
  - If the SICP and SITP go to zero, then we have a HIT
  - If the SICP doesn't change, but the SITP goes to zero then we likely have a packer leak
- If we have a HIT, then ND the WH and NU BOP
  - o TOOH w/ tubing
  - Please notify engineer once you find the hole
  - o If you don't identify the hole while tripping out then put on a bull plug on the bottom jt of tbg and trip back in the hole and pressure test the tbg every 500'
  - Please notify Engineer once you find the hole
  - We have only have about 20 joints of 2-7/8" IPC tubing in inventory, so we may need to order more depending on how many joints are laid down
- If we have a packer leak, then pull the blanking plug, shut in the casing and pump approximately 80 bbls of 10 LB brine down the tbg
  - Please call Engineer with the SITP so we can discuss the kill mud weight we need to order
  - We will need a total of 220 bbls of mud
  - o 75 bbls of mud will need to be bull headed down the tubing
  - o 100 bbls of mud will need to be bull headed down the csg
  - 45 bbls extra for safety factor
  - Once the well is dead TOOH w/the tbg and packer
  - Please have Kenco take the packer in for repair
  - Run back w/ the same tubing design and setting depths

	Tubing Details							
Joints	Description	Depth	Length					
	КВ	17	17					
260	3-1/2" EUE 9.3# L-80 IPC Tubing	8,352	8,335					
	3-1/2" EUE B x 2-7/8" EUE P XOVER	8,352	0.43					
	On/Off Tool (2.5 T-2 Nipple)	8,354	1.5					
	5-1/2" Packer	8,362	7.8					
	2-7/8" EUE B x 3-1/2" EUE P XOVER	8,362	0.3					
	3-1/2" x 8' Pup Joint (IPC)	8,368	6.18					
	3-1/2" EUE B x 2-7/8" EUE P XOVER	8,369	0.57					
	2.25" Profile Nipple (F/SS/PN)	8,370	0.85					
	P/O Plug	8,370	0.6					

- Get off O/O tool and reverse circulate annulus w/ approximately 120 bbls of packer fluid
- Latch onto injection packer
- ND BOP, NU WH

- Pressure up on the tbg to rupture the pump out plug
- Contact NMOCD to witness the MIT
  - o Once MIT has been performed and witnessed, send the chart to Concho Artesia East Office.
- IF WE PUMP MUD, Engineer would like to acidize the well prior to turning it back on
  - o DO NOT acidize if we don't have to pump mud/pull the packer
- Backflow the well 500-1000 bbls
- RU Stone to acidize the SWD w/ 4,500 gal 15% HCL
- Pump acid on the well at a rate of 2 BPM
- Displace acid with with 75 bbls of produced water at a rate of 2 BPM. Please do not over displace
- Shut well in for four hours to let acid work
- Notify SWD Foreman when you are ready to turn the well on
- Turn SWD back on
- · Record post-job injection rate and pressure after acidizing
- Clean location and turn over to operations