SUNDRY Do not use thi	UNITED STATES PARTMENT OF THE II JREAU OF LAND MANA NOTICES AND REPO s form for proposals to I. Use form 3160-3 (API	RTS ON WELLS drill or to re-enter an	Field Off Artestesse Service	FORM APPROVED OMB NO. 1004-0137 Experies: January 31, 2018 rial No. 86024 Allottee or Tribe Name
SUBMIT IN 1	RIPLICATE - Other inst	tructions on page 2	7. If Unit of	r CA/Agreement, Name and/or No.
Type of Well ☐ Gas Well ☐ Oth	er		8. Well Nan CYPRE	ne and No. SS 34 FEDERAL 3H
Name of Operator OXY USA INCORPORATED	Contact: E-Mail: david_stev	DAVID STEWART vart@oxy.com		-35692-00-S1
3a. Address 5 GREENWAY PLAZA SUITE HOUSTON, TX 77046-0521	110	3b. Phone No. (include area code) Ph: 432.685.5717	10. Field ar CEDAF	nd Pool or Exploratory Area 1520, R CANYON //520
4. Location of Well (Footage, Sec., T Sec 34 T23S R29E NESW 21				or Parish, State COUNTY, NM
12. CHECK THE AI	PROPRIATE BOX(ES)	TO INDICATE NATURE OF	F NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION	**	TYPE OF	ACTION	
Notice of Intent □ Subsequent Report	☐ Acidize ☐ Alter Casing ☐ Casing Repair	☐ Deepen ☐ Hydraulic Fracturing ☐ New Construction	☐ Production (Start/Re☐ Reclamation ☑ Recomplete	water Shut-Off Well Integrity Other
☐ Final Abandonment Notice	☐ Change Plans ☐ Convert to Injection	☐ Plug and Abandon☐ Plug Back	☐ Temporarily Aband☐ Water Disposal	on
Attach the Bond under which the wo following completion of the involved testing has been completed. Final Aldetermined that the site is ready for following. Well Prep Procedure: MIRU PU and rig equipme Ensure well is dead MU tubing equipment and RIH with cleanout BHA RU power swivel if needed POOH with cleanout BHA	ally or recomplete horizontally rk will be performed or provide operations. If the operation repandonment Notices must be final inspection. The property of the performed or provide the performed operation of the performance of the performan	give subsurface locations and measue the Bond No. on file with BLM/BIA soults in a multiple completion or recolled only after all requirements, includ	red and true vertical depths of the control of the	of all pertinent markers and zones. rts must be filed within 30 days a Form 3160-4 must be filed once completed and the operator has

RIH with work string to top of KOP and set RBP. Test casing to 6200# or max treating pressure, whichever is lower.

8. Bleed off pressure & RBIH to latch on RBP, release RBP & POOH. LD w/ RBP 9. Perform drift run with Mohawk BHA 10. RIH w/ 4.25" 13.1# P110 R2M expandable liner & set @ approximately

RECEIVED

14. I hereby certify that t	For OXY I	ISA INCORPORATE	D. se	BLM Well Information System nt to the Carlsbad PEREZ on 06/25/2018 (18PP2040)	SE)		
Name (Printed/Typed)	DAVID STEWART	Ti	itle	REGULATORY ADVISOR		<u></u>	
Signature	(Electronic Submission)	D	ate	06/19/2018			
	THIS SPACE	FOR FEDERAL	OR S	STATE OFFICE USE			
Approved By	nathon Shepard	F	Peti	roleum Enginee	r I	JUN 2.6	2018
Conditions of approval, if a certify that the applicant ho	iny, are attached. Approval of this notice dolds legal or equitable title to those rights in olicant to conduct operations thereon.	oes not warrant or the subject lease	arl	sbad Field Offic	e		

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.

(Instructions on page 2) ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

RW5-18

data for EC ti ction #424670 that would not fit on the form Agu:t³oı

32. Additional remarks, continued

7900-10950'

11. Expand the liner using Mohawk procedures

Plug & Perf stimulation operation:

Conduct pre-job safety meeting, discuss scope of work and hazard
 Check WH pressure & bleed off pressure if any to grounded flowback tank
 MIRU Cameron WH Company and equipment.

4. Install 10M frac stack on wellhead

5. MIRU frac and WL equipment

6. RIH with WL and plug and perf for stage 1 with 4 clusters (7925-10927') per attached perf

7. Spot 7.5% HCI acid and breakdown stage 1

8. Frac stage 1 per the pump schedule below

RIH with WL and plug & perf for stage 2 and frac afterwards
 Repeat process for the remaining stages (estimated 16 total stages)
 RDMO frac and WL company

Wellbore Clean out and Flowback Procedure:

1. Hold Pre-job safety meeting, discuss scope of work and hazards

 Check WH pressure, bleed off pressure if any to grounded flowback tank
 MIRU 2-3/8" CT unit, PU 4.13" JZ bit, (Mohawk liner is 4.158" ID drift) RIH and DO plugs and CO to PBTD

4. Circulate hole clean and pump gel sweeps

5. RDMO CT unit and turn the well over to production

6. Open to Flowback

7. An artificial lift procedure will be provided once flowback operations completed.

OXY USA Inc.- Cypress 34 Federal 3H - 30-015-35692 - Cedar Canyon Bone Spring

Well Prep Procedure:

- 1. MIRU PU and rig equipment
- Ensure well is dead
- 3. MU tubing equipment and POOH w/2-7/8" tubing and rod pump with HEEL system. Send to the yard for inspection
- 4. RIH with cleanout BHA
- 5. RU power swivel if needed and cleanout to PBTD
- POOH with cleanout BHA and work string
- RIH with work string to top of KOP and set RBP. Test casing to 6200 psi or max treating pressure, whichever is lower.
- 8. Bleed off pressure and RBIH to latch on RBP, release RBP and begin POOH. LD w/ RBP
- Perform drift run with Mohawk BHA
- 10. RIH w/ 4.25" 13.1# P110 R2M expandable liner set @ approximately from 7900–10950'
- 11. Expand the liner using Mohawk procedures

Plug & Perf stimulation operation

- 1. Conduct pre-job safety meeting discuss scope of work and hazard
- 2. Check wellhead pressure and bleed off pressure if any to grounded flowback tank
- 3. MIRU Cameron WH Company and equipment.
- 4. Install 10M frac stack on wellhead
- 5. MIRU frac and WL equipment
- 6. RIH with WL and plug and perf for stage 1 with 4 clusters (7925-10927') per attached perf design.
- 7. Spot 7.5% HCl acid and breakdown stage 1
- 8. Frac stage 1 per the pump schedule below
- 9. RIH with WL and plug & perf for stage 2 and frac afterwards
- 10. Repeat process for the remaining stages (estimated 16 total stages)
- 11. RDMO frac and WL company

Wellbore Clean out and Flowback Procedure

- 1. Hold Pre-job safety meeting, discuss scope of work and hazards
- 2. Check well head pressure- bleed off pressure if any to grounded flowback tank
- MIRU 2-3/8" CT unit, PU 4.13" JZ bit, (Mohawk liner is 4.158" ID drift) RIH and DO plugs and CO to PBTD
- 4. Circulate hole clean and pump gel sweeps
- 5. RDMO CT unit and turn the well over to production
- 6. Open to Flowback
- 7. An artificial lift procedure will be provided once flowback operations completed.

OXY USA Inc.- Cypress 34 Federal 3H – 30-015-35692 – Cedar Canyon Bone Spring

Proposed Perforation & Plug Depth

PLUGS AND PERFORATIONS INTERVALS						
		Cluster 1	Cluster 2	Cluster 3	Cluster 4	Plug
	Gun Length	2	2	2	. 2	
	Number of Shots	6	6	6	6	
Stage 1 Perfs: 6 shots loaded @ 60 degree phasing	Тор	10783	10830	10878	10925	10950
	Bottom	10785	10832	10880	10927	
Stage 2 Perfs: 6 shots loaded @ 60 degree phasing	Тор	10592	10640	10687	10735	10760
	Bottom	10594	10642	10689	10737	
Stage 3 Perfs: 6 shots loaded @ 60 degree phasing	Тор	10402	10449	10497	10544	10569
	Bottom	10404	10451	10499	10546	
Stage 4 Perfs: 6 shots loaded @ 60 degree phasing	Тор	10211	10259	10306		10379
	Bottom	10213	10261	10308	10356	
Stage 5 Perfs: 6 shots loaded @ 60 degree phasing	Тор	10021	10068			10188
	Bottom	10023	10070	10118	10165	
Stage 6 Perfs: 6 shots loaded @ 60 degree phasing	Тор	9830	9878	9925	9973	9998
	Bottom	9832	9880	9927	9975	
Stage 7 Perfs: 6 shots loaded @ 60 degree phasing	Тор	9640	9687	9735	9782	9807
	Bottom	9642	9689	9737	9784	
Stage 8 Perfs: 6 shots loaded @ 60 degree phasing	Тор	9449	9497	9544	9592	9617
	Bottom	9451	9499	9546	9594	
Stage 9 Perfs: 6 shots loaded @ 60 degree phasing	Тор	9259	9306	9354	9401	9426
	Bottom	9261	9308	9356	9403	
Stage 10 Perfs: 6 shots loaded @ 60 degree phasing	Тор	9068	9116	9163	9211	9236
	Bottom	9070	9118	9165	9213	
Stage 11 Perfs: 6 shots loaded @ 60 degree phasing	Тор	· 8878	8925	8973	9020	9045
	Bottom	8880	8927	8975	9022	
Stage 12 Perfs: 6 shots loaded @ 60 degree phasing	Тор	8687	8735	8782	8830	8855
	Bottom	8689	8737	8784	8832	
Stage 13 Perfs: 6 shots loaded @ 60 degree phasing	Тор	8497	8544	8592	8639	8664
<u></u>	Bottom	8499	8546	8594	8641	
Stage 14 Perfs: 6 shots loaded @ 60 degree phasing	Тор	8306	8354	8401	8449	8474
	Bottom	8308	8356	8403	8451	
Stage 15 Perfs: 6 shots loaded @ 60 degree phasing	Тор	8116	8163	8211	8258	8283
	Bottom	8118	8165	8213	8260	
Stage 16 Perfs: 6 shots loaded @ 60 degree phasing	Тор	7925	7973	8020	8068	8093
<u> </u>	Bottom	7927	7975	8022	8070	

Proposed Pump schedule

Slick	water 2	(5,000 ft)	(t) 1500#/ft_50 ft x 4 Clusters_Slickwater_Reduced Fluid						Fluid		
					Fluid Info				Proppant In		
	Time		Rate	Clean	Dirty	Cum. Dirty		Prop. Con		Stage Sand	Cum. Sand
	[min]	Type	[bpm]	(gots)	[gois]	(gats)	Description	[PPA]	Description	[tbs]	[lbs]
1	0.79	Acid	30	1000	1,000	1,000	7.5% HCY				
7	6 08	Pad	90	15000	20,000	21,000	Shok Water				
3	9.61	Sand Laden	90	10000	13,635	34,634	Suck Water	0.50	100 Mesh	5,000	5,000
4	13.84	Sand Laden	90	12000	16,543	51,177	Sixk Woter	0.75	100 Mesh	9,000	14,000
5	19.14	Sand Laden	90	15000	20,904	72,081	Exh Woter	1.00	100 Mesh	15,000	29,000
6	26.19	Sand-Laden	90	20000	28,174	100,255	Lick Water	1.25	100 Mesh	25,000	54,000
7	36,42	Sand Laden	90	29000	41,290	141,545	Sirk Water	1 50	100 Mesh	43,500	97,500
8	47.00	Sand-Laden	90	30000	43,166	184,711	Sick Water	1.75	100 Mesh	52,500	150,000
9	52.29	Sweep	90	15000	20,904	203,616	Sick Water	1 00	40/703VNID	15,000	165,000
10	57.58	Sand Laden	90	15000	21,131	226,746	Sich Water	1.25	40/70 White	18,750	183,750
11	64.64	Sand Laden	90	20000	28,476	255 222	Sick Water	1 50	40/70 White	30,000	213,750
12	72.75	Sand Laden	90	23000	33,094	288,316	Sien Woter	1.75	40/70 White	40,250	254,000
13	80.86	Sand-Laden	90	23000	33,441	371,757	Sizk Water	2.00	40/70 White	46,000	300,000
14	0.00	Hunh	90				Sizk Water		(flush to Top Per	rl)	300,000

MOHAWK ENERGY EXPANDABLE LINER SPECIFICATIONS

4.25 inch, 0.31 wall x 5.5 inch, 17 lb/ft FracPatch Specifications

	Expa	ndable	Pipe Body		
Pre-Expa	nsion		Post Expa	ansion	
OD	4.250	inches	OD	4.805	inches
ID	3.630	inches	ID	4.218	inches
Wall Thickness	0.310	inches	Wall Thickness	0.293	inches
Weight	13.100	lb/ft	Drift	4.158	inches
Drift	3.505	inches	Internal Yield	9,895	psi
Seal Joint OD	4.490	inches	Collapse	5,600	psi
Seal Thickness	0.120	inches	Expansion Ratio	16.207	%

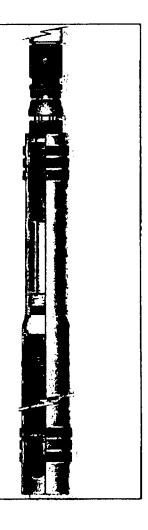
	Expai	ndable	Connection		
Pre-Expa	nsion		Post Exp	ansion	!
Connection OD	4.310	inches	Connection OD	4.865	inches
Connection ID	3.600	inches	Connection ID	4.218	inches
Drift	3.505	inches	Drift	4.158	inches
Tensile Rating	142,286	lbs	Internal Yield	9,895	psi
Compressive Rating	142,286	lbs	Collapse	5,600	psi
Max DLS	36.01	°/100ft	Tensile Rating	154,125	lbs
Optimum Torque	1,360	ft-lbs	Compressive Rating	138,713	lbs
Max Torque	1,496	ft-lbs	Yield Torque	1,700	ft-lbs

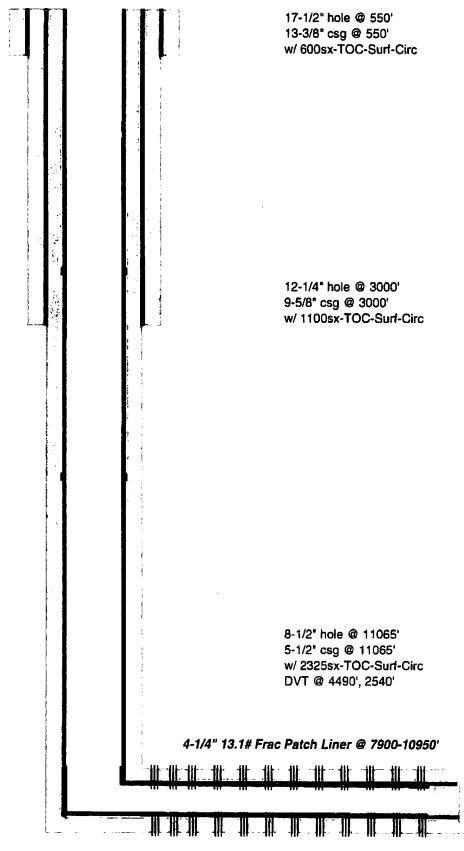
Mohawk Energy Setting Tool:

Appendix A	1: Sett	ing Tool
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Table 4. 4 25 Setting Tool Specific	alions
Tool connection up	2-7/8", 7.9# PH-6 Box
Tool weight	900 lbs
Tool length	40.0 ft
Expansion stroke	2.80 ft
Max. dog-leg severity	25 º/100ft
Axial load rating	200,000 lbs
Max. pressure	4,500 psi
Max. temperature	400 °F
Circulation flow rate	30 gpm
Valve shut off flow rate	46 gpm
Pressure/force conversion	44 lbs/psi

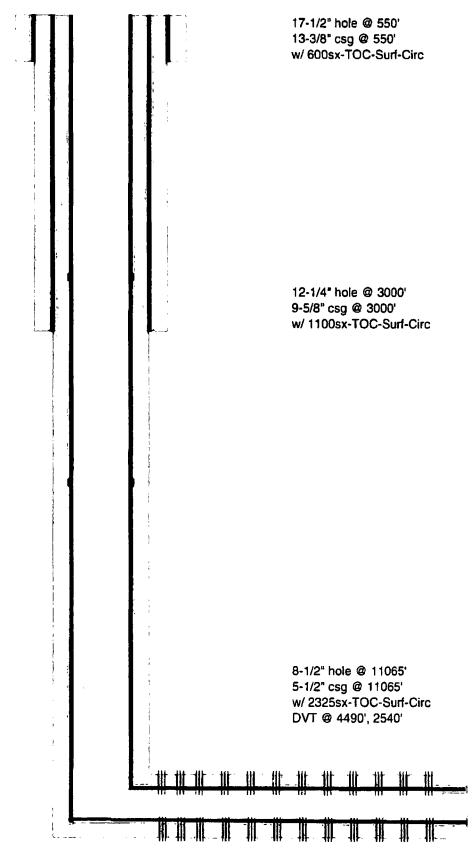
Event	Pressure or Force
Stabbing sub latching load	500 lbs
Max. slack off during deployment	15,000 lbs
Max. overpull during deployment	25,000 lbs
Drive unit shear disk	1,750 psi
Tool reset	3.000-5.000 lbs
Safety burst disk relief	5,000 psi





Perfs @ 7925-10927'Original Perfs @ 8102 -10950'

TD - 11065'M 7949'V PB - 10985'M 7949'V



Perfs @ 8102 -10950'

TD - 11065'M 7949'V PB - 10950'M 7949'V