# Received by UCD: S2/4/2023 7:48:34 AM

U.S. Department of the Interior BUREAU OF LAND MANAGEMENT

Well Name	Well Number	US Well Number	Lease Number	Case Number	Operator
KESTREL 1_12	33H	3002548972	NMNM077090	NMNM077090	OXY USA
SAKER 6-7	35H	3002548936	NMNM14164	NMNM14164	OXY USA
KESTREL 1_12	31H	3002548970	NMNM077090	NMNM077090	OXY USA
SAKER 6-7	31H	3002548932	NMNM14164	NMNM14164	OXY USA
KESTREL 1_12	32H	3002548971	NMNM077090	NMNM077090	OXY USA
SAKER 6-7	36H	3002548937	NMNM14164	NMNM14164	OXY USA

## **Notice of Intent**

Sundry ID: 2759335

Type of Submission: Notice of Intent

Date Sundry Submitted: 11/02/2023

Date proposed operation will begin: 09/21/2023

Type of Action: APD Change Time Sundry Submitted: 01:11

Sundry Print Repor

**Procedure Description:** OXY USA INC. respectfully requests approval to amend the AAPD for the working pressure of the BOP system to be 7M. The highest MASP for the subject wells is ~5300psi. Additionally, Oxy requests a variance for the modified BOP test procedure. The casing outlet valve is covered and cannot be a leak path. The test plug has a weep hole set up that will accommodate a leak path for testing components along and above the mud cross. Please see attachment for schematics and detailed descriptions of wellhead and test plug. The components below the mud cross will not have a leak path and hence will be a 30-minute test. Attached is the test procedure and correspondence explaining the wellhead/ test plug set up.

**NOI Attachments** 

**Procedure Description** 

Saker\_Kestrel\_BOPTestVarianceEmail9\_21\_2023forSundry\_20231102131105.pdf

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: LESLIE REEVES
Name: OXY USA INCORPORATED
Title: Advisor Regulatory
Street Address: 5 GREENWAY PLAZA, SUITE 110
City: HOUSTON State: TX
Phone: (713) 497-2492
Email address: LESLIE\_REEVES@OXY.COM

## Field

Representative Name: Street Address: City: State: Phone: Email address:

## **BLM Point of Contact**

BLM POC Name: KEITH P IMMATTY BLM POC Phone: 5759884722 Disposition: Approved Signature: Keith Immatty BLM POC Title: ENGINEER

BLM POC Email Address: KIMMATTY@BLM.GOV

Disposition Date: 11/07/2023

Signed on: NOV 02, 2023 01:10 PM

Zip:

### Received by OCD: 12/4/2023 7:48:34 AM

cectived by OCD. 1		+0.0+ 2111				1 uge 5 0j	
Form 3160-5 (June 2019)					FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2021 5. Lease Serial No.		
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.				6. If Indian, Allottee or Tribe Name			
	SUBMIT IN	TRIPLICATE - Other instr	uctions on page 2		7. If Unit of CA/Agree	ment, Name and/or No.	
1. Type of Well Oil Well	Gas V	Vell Other			8. Well Name and No.		
2. Name of Operator					9. API Well No.		
3a. Address		3b. Phone No. (include area code)		10. Field and Pool or Exploratory Area			
4. Location of Well (For	otage, Sec., T.,I	R.,M., or Survey Description,	)		11. Country or Parish, S	State	
	12. CHE	CK THE APPROPRIATE B	OX(ES) TO INDICATE NATUR	E OF NOT	ICE, REPORT OR OTH	ER DATA	
TYPE OF SUBM	IISSION		ТҮ	PE OF AC	TION		
Notice of Intent		Acidize	Deepen Hydraulic Fracturing		luction (Start/Resume) lamation	Water Shut-Off Well Integrity	
Subsequent Repo	ort	Casing Repair	New Construction		omplete porarily Abandon	Other	
Final Abandonm	ent Notice	Convert to Injection		=	er Disposal		
the proposal is to de the Bond under whi completion of the in	epen directiona ch the work wi wolved operation andonment No	ally or recomplete horizontal Il be perfonned or provide th ons. If the operation results in	ly, give subsurface locations and t e Bond No. on file with BLM/BL n a multiple completion or recomp	measured a A. Required pletion in a	nd true vertical depths of l subsequent reports mus new interval, a Form 31	k and approximate duration thereof. If f all pertinent markers and zones. Attach t be filed within 30 days following 60-4 must be filed once testing has been he operator has detennined that the site	

14. I hereby certify that the foregoing is true and correct. Name ( <i>Printed/Typed</i> )			
т	ïtle		
Signature E	Date		
THE SPACE FOR FEDER	RAL OR STATE OF	FICE USE	
Approved by			
	Title	I	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant o 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.			
Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any any false, fictitious or fraudulent statements or representations as to any matter within		lfully to make to any de	partment or agency of the United States

(Instructions on page 2)

#### **GENERAL INSTRUCTIONS**

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

#### SPECIFIC INSTRUCTIONS

*Item 4* - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

*Item 13:* Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

#### NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

**BURDEN HOURS STATEMENT:** Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

## **Additional Information**

#### **Batch Well Data**

SAKER 6-7 FEDERAL 31H, US Well Number: 3002548932, Case Number: NMNM14164, Lease Number: NMNM14164, Operator:OXY USA INCORPORATED

SAKER 6-7 FEDERAL 36H, US Well Number: 3002548937, Case Number: NMNM14164, Lease Number: NMNM14164, Operator:OXY USA INCORPORATED

SAKER 6-7 FEDERAL 35H, US Well Number: 3002548936, Case Number: NMNM14164, Lease Number: NMNM14164, Operator:OXY USA INCORPORATED

KESTREL 1\_12 FEDERAL 31H, US Well Number: 3002548970, Case Number: NMNM077090, Lease Number: NMNM077090, Operator:OXY USA INCORPORATED

KESTREL 1\_12 FEDERAL 32H, US Well Number: 3002548971, Case Number: NMNM077090, Lease Number: NMNM077090, Operator:OXY USA INCORPORATED

KESTREL 1\_12 FEDERAL 33H, US Well Number: 3002548972, Case Number: NMNM077090, Lease Number: NMNM077090, Operator:OXY USA INCORPORATED

### Keith,

Test procedure attached and will be included as part of sundry:

- Inner plug removed and weep hole plugged on test plug
- Remove kill line check valve
- RIH with Test plug on drill pipe and Land out plug in wellhead
- Fill pipe with Freshwater
- Fill BOP stack with freshwater
- Pump through choke line to confirm open.
- Each test 10 mins 250 psi low / 7000 Psi high
- Upper pipe ram/outside kill line
- Upper pipe ram/inside kill line
- Test Annular 250 Psi low / 5000 psi high each test 10 mins
- Swap to kill line side.
- Each test 10 mins 250 psi low / 7000 Psi high
- Upper pipe ram/HCR / BLM kill line
- Upper pipe ram / Inside Choke valve
- Pull test plug, remove blank from weep hole port and install inner plug
- RIH with test plug

Confirm Required Wait time has passed before testing with no outlet (500 psi all cement blends) Each test 30 min / 250 Psi low and 7000 psi High

- Test lower pipe rams
- Pull Test Plug
- Fill Stack above Blinds with freshwater
- Close blind rams
- Pump through choke to perform test
- Check valve / Choke Line / Blind Rams / Casing.

#### Thanks,

Ben Pelton Drilling Engineer Supervisor, Delaware Basin Occidental Oil & Gas Corp. 5 Greenway Plaza, Suite 110 | Houston, TX 77046 | GW5 25.131 O: 713-497-2379 | M: 701-690-8645 Ben\_Pelton@oxy.com

From: Pelton, Ben R

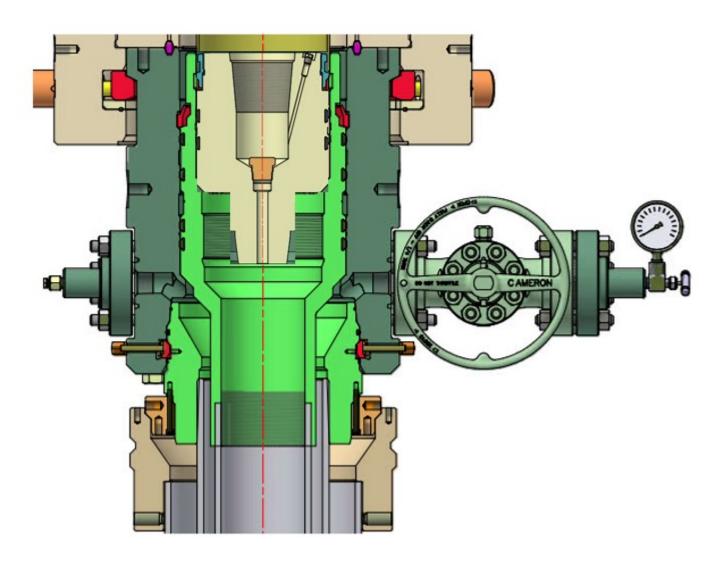
Sent: Thursday, September 21, 2023 10:35 AM
To: Walls, Christopher <<u>cwalls@blm.gov</u>>; Immatty, Keith P <<u>kimmatty@blm.gov</u>>
Cc: Granier, Garrett E <<u>Garrett\_Granier@oxy.com</u>>; Reeves, Leslie T <<u>Leslie\_Reeves@oxy.com</u>>; McKinney, Sarah A
<<u>Sarah\_McKinney@oxy.com</u>>
Subject: Saker/Kestrel BOP Test Variance

Keith, Chris,

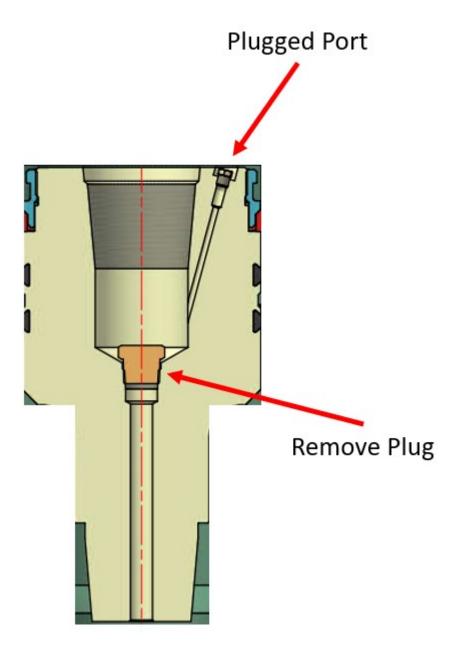
Listed below are the wells:

Kestrel 1-12 Fed Com 31H – 30-025-048970 Kestrel 1-12 Fed Com 31H – 30-025-048971 Kestrel 1-12 Fed Com 31H – 30-025-048972 Saker 6-7 Fed Com 31H – 30-025-48932 Saker 6-7 Fed Com 35H – 30-025-48936 Saker 6-7 Fed Com 36H – 30-025-48937

Here is the setup with test plug installed. Note the green packoff covers and seals the lower casing outlet valve typically open during a BOP test.



We would like to request a lowering BOP test pressures from 10000 psi to 7000 psi. MAASP in the permit is 5300 psi. This would ensure casing is not subjected to additional forces beyond our design factors during the blind/lower pipe ram test listed below. Plan at the start is to plug off the port and remove the inner plug. This would allow the drill pipe ID (DP will be screwed into test plug) to be open acting as the leak path if the test plug leaks. We would alternate pumping through the kill line and choke line side to test upper pipe rams, annular, and our valves, 10 mins each test as normal.



This method would leave two tests that cannot be performed with drill pipe acting as the leak path. Lower pipe rams and blind rams. To test the lower pipe rams we need to open port on top of the test plug and add the inner plug back in. Blind rams would be tested against casing with no test plug installed. Due to no leak path these would be 30 min high/low tests with <10% bleed off.

This was tough to fully describe via email so please reach out if you have any additional questions.

Thanks,

Ben Pelton Drilling Engineer Supervisor, Delaware Basin Occidental Oil & Gas Corp. 5 Greenway Plaza, Suite 110 | Houston, TX 77046 | GW5 25.131 O: 713-497-2379 | M: 701-690-8645 Ben\_Pelton@oxy.com

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

OXY USA INC         16696           P.O. Box 4294         Action Number:           Houston, TX 772104294         290558	Operator:	OGRID:
Houston, TX 772104294 290558		16696
	P.O. Box 4294	Action Number:
Action Type:	Houston, TX 772104294	290558
Addon Type.		Action Type:
[C-103] NOI Change of Plans (C-103A)		[C-103] NOI Change of Plans (C-103A)

#### CONDITIONS

Created By		Condition Date
pkautz	None	12/4/2023

Page 9 of 9

Action 290558