

Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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.

5. Lease Serial No. **NMNM-0354427A**

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

7. If Unit of CA/Agreement, Name and/or No.
NMNM-82050X

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No. **CATO SAN ANDRES UNIT #132**

2. Name of Operator **OXY USA INC.**

9. API Well No. **30-005-20129**

3a. Address **PO BOX 4294
HOUSTON, TX 77210**

3b. Phone No. (include area code)
(713) 215-7295

10. Field and Pool or Exploratory Area
CATO; SAN ANDRES

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)
1980 FNL, 1980 FEL, UNIT G, SEC 23, T8S R30E

11. Country or Parish, State
CHAVES

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<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 recomplate 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 BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

PLEASE SEE ATTACHED FINAL WELLBORE, PA JOB SUMMARY, AND APPROVED VARIANCE REQUEST.

Accepted for Record - contact Rick Flores at rlflores@blm.gov for reclamation.

Accepted for record – NMOCD
JRH 05/04/2023

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Sarah McKinney

Title **REGULATORY ANALYST SR.**

Signature

Sarah McKinney

Date

11/10/2022

Accepted for Record

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title **Petroleum Engineer**

Date **11/17/2022**

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 **RFO**

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)

McKinney, Sarah A

From: Sanchez, Jennifer A <j1sanchez@blm.gov>
Sent: Friday, October 14, 2022 11:20 AM
To: Doherty, Evan
Cc: Franco, Jesus M (L&C Safety Inc); Crowley, Robert D; Janacek, Stephen C; Latif, Bilal; Torres, Oscar M; Sanchez, Ruben J
Subject: Re: [EXTERNAL] CSAU 132 Variance Request

WARNING - This message is from an EXTERNAL SENDER - be CAUTIOUS, particularly with links and attachments.

You have verbal approval to proceed as you described. Please tag all plugs.

Jennifer Sanchez
Petroleum Engineer
2909 West Second Street Roswell, NM 88201
Work: 575-627-0237
Cell: 575-626-5871
j1sanchez@blm.gov

From: Doherty, Evan <Evan_Doherty@oxy.com>
Sent: Friday, October 14, 2022 10:15 AM
To: Sanchez, Jennifer A <j1sanchez@blm.gov>
Cc: Franco, Jesus M (L&C Safety Inc) <Jesus_Franco@oxy.com>; Crowley, Robert D <Robert_Crowley@oxy.com>; Janacek, Stephen C <Stephen_Janacek@oxy.com>; Latif, Bilal <Bilal_Latif@oxy.com>
Subject: [EXTERNAL] CSAU 132 Variance Request

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Good Morning Jennifer,

After the updates from Jesse on this CSAU 132, I am submitting the following variance request for path forward on this well. It sounds like Oscar and Jesse have been in contact with you as well but here is the proposed plan:

1. Since we can no longer perf and squeeze the Yates plug, we are proposing spotting a larger balance plug from the deepest depth we reached (2,173') to above the Yates.
2. Due to the suspected casing damage @542', we are proposing to spot and squeeze/displace a cement plug in the similar way we did on the CSAU 29 which was effective. We are proposing spotting a large (45 sx) plug at 750' then POOH and displacing it from surface to squeeze the cement into the suspected casing damage. This would give us 150' of cement on the backside of the suspected casing part and a balance plug in the casing from 750'-450' (which would be 100' above suspected damage spot).
3. From this point we should then be able to P&S the surface plug as originally planned.

Please let us know if you are okay with this variance request and Jesse will plan to set up accordingly.

CASU 132

30-005-20016

Final PA Report 10/12/22-10/19/22

10-12-22: Crew HTGSM. Road Rig & Equipment to Location. Spot in Base Beam. R/U PU. Function Test BOPE. 0 PSI on CSG. ND WH & NU BOPE. RIH w/ 3-7/8 Bit, 4-3-1/8 DC's & 62 JT's of TBG. R/U Power Swivel. Clean out fill/junk from 2143' to 2148'. Returns are metal shaving and rubber type material. R/D Power Swivel. Install TIW Valve. Close BOPE & Lock Pins. SION

10-13-22: Crew HTGSM. 0 PSI on TBG & CSG. R/U Power Swivel. Tag up @ 2148'. Cleaned out Junk/Fill to 2173'. Returns are metal shaving & scale. Circulated well clean. R/D Power Swivel. POOH w/ 63 Jt's of TBG, 4-3-1/8 DC's & Bit. Secure BOPE & Lock Pins. Close all Valves. SION

10-14-22: Crew HTGSM. 0 PSI on CSG. RIH w/ 3-13/16 Cone Buster Mill, 4-3 1/8 DC's & 13 Jt's of TBG. Tag tight spot @ 542'. Worked Mill through to 548'. Cont in hole w/ WS TBG to 2168'. R/U Power Swivel Clean out wellbore to 2173'. Circulated well clean. R/D Power Swivel. POOH w/ 30 JT's of TBG to 1206'. Install TIW Valve. Close BOPE & Lock Pins. Close all valves.

10-17-22: Crew HTGSM. 0 PSI on TBG & CSG. RIH w/ 30 JT's of TBG To 2160'. R/U Petroplex CMT Truck. Circulated well w/ 40 BBL's of FW. Spot 12 BBL's (50 sxs) of Class C CMT & Displaced w/ 5.4 BBL's of FW @ 1 BPM @ 900 PSI. POOH w/ 26 Jt's of TBG. Circulated well w/ 20 BBL's of FW. L/D 18 JT's of TBG to 716'. Close BOPE & SION

10-18-22: 0 PSI on TBG & CSG. RIH w/ TBG. Tag TOC @ 1235'. L/D WS TBG to 756'. R/U CMT Truck. Pump 12 BBL's (50 sxs) of Class C CMT & Displaced w/ 1 BBL of FW. L/D WS TBG & DC's & Mill. Displaced CSG w/ 6 BBL of FW to 450' @ 1 BPM @ 500 PSI. WOC. RIH w/ 14 Jt's of TBG & Tag CMT @ 455'. L/D WS TBG. R/U WL. RIH & Perforate CSG @ 329'. POOH w/ WL & RD. Est Injection Rate @ 1.5 BPM @ 200 PSI. ND BOPE & NU WH. SION

10-19-22: Crew HTGSM. 0 PSI on CSG. R/U CMT Pump Truck. Est. Injection Rate @ 1 BPM @ 100 PSI. Pump 20 BBL's (84 sxs) of Class C CMT & Circulated to surface. Wash up CMT Pump Truck. R/D PU. Load up WS TBG & equipment. Clean up location. Well is Plugged

Final Wellbore Diagram 11/10/22

Cato San Andreas Unit # 132

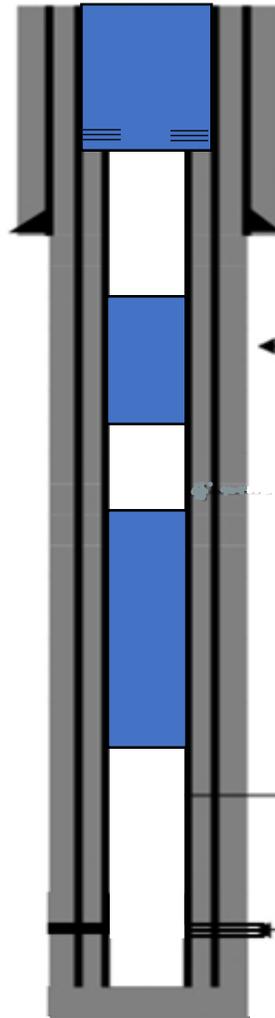
API # 3000520129

Surf Lat 33.60704
Surf Long -103.84778

PERF@ 329'. SQZ 84 SX CL C CMT
329'-0'.

50 SX CL C CMT 455'-756'. (tag)

50 SX CL C CMT 1235'-2160'. (tag)



Surface Casing
12 1/4 in. hole @ 279 '
8 5/8 in. casing @ 279 '
w/ 250 sx cement TOC- Surf-Circ

Production Casing
7 7/8 in. hole @ 3751 '
4 1/2 in. casing @ 3751 '
w/ 300 sx cement TOC- 2,360 '

Tubing
Packer Depth @ 3630 '
Tubign Size 2 3/8 in.
[10540] Cato; San Andreas Perfs
Top 3,584'
Bottom 3,624'

TD 3,751'
PBTD 3,727'

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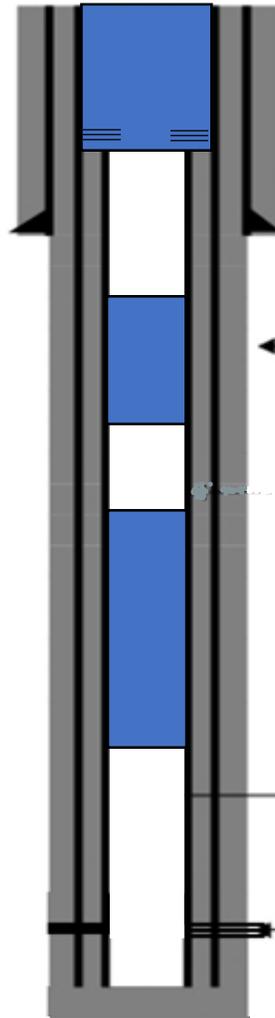
**Final Wellbore Diagram 11/10/22
Cato San Andreas Unit # 132
API # 3000520129**

**Surf Lat 33.60704
Surf Long -103.84778**

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[10540] Cato; San Andreas Perfs
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Bottom 3,624'

TD 3,751'
PBTD 3,727'

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

Action 177478

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 177478
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	None	5/4/2023