

Well Name: JEFF SMITH MDP1 7-18 FEDERAL C	Well Location: T24S / R31E / SEC 6 / SWSW / 32.241258 / -103.8233755	County or Parish/State: EDDY / NM
Well Number: 171H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM57273	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001547258	Well Status: Drilling Well	Operator: OXY USA INCORPORATED

Notice of Intent

Sundry ID: 2672884

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 05/23/2022

Time Sundry Submitted: 08:37

Date proposed operation will begin: 05/17/2022

Procedure Description: OXY USA Inc. received verbal approval 5/17/2022 to amend the intermediate casing depth. See the below description and attached email approval for reference. Original intent: • Set 7-5/8” intermediate casing 100’ above kick off point at 11097’ MD (11,044’ TVD). o 44’ into the 3rd BSS • Approved setting depth in the original APD is 10877’ MD. Proposed Change: • Set 7-5/8” casing at 10490’MD (10472’ TVD). o 258’ into the 3rd Bone Spring Lime as per geo. Reasoning/Justification: • Issues sliding with the 9-7/8” BHA put us behind our planned front build. • By setting casing early, we will be able to maintain angle with the 6-3/4” BHA prior to KOP and achieve our remaining front build. o This will allow us to land the curve on lease and not interfere any future development in Section 6. • Original casing depth was determined by DLN of 10 deg/100 from landing point. It was not determined based on shoe integrity. • Since casing will be set well into the 3rd Bone Lime, there are no anticipated shoe issues. Change Impact: • Cement volumes have been updated to ensure the lead cement on the first stage does not seal up the Brushy, which will be our injection zone for stage 2. • A sundry will be submit to BLM this week with new casing setting depth and cement design – Mandela is currently reviewing new proposed cement volumes. • Additional footage to be drilled with the 6-3/4” curve BHA prior to KOP

NOI Attachments

Procedure Description

- CasingCsgAttach_20220523083719.png
- JeffSmith171H_VerbalIntCasingSundry_5_17_22_20220523083619.pdf

Received by OCD: 8/31/2022 2:51:20 PMPage 2 of 7

Well Name: JEFF SMITH MDP 17-18 FEDERAL C	Well Location: T24S / R31E / SEC 6 / SWSW / 32.241258 / -103.8233755	County or Parish/State: EDDY / NM
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Operator

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	Signed on: MAY 23, 2022 08:35 AM
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:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: KEITH P IMMATTY	BLM POC Title: ENGINEER
BLM POC Phone: 5759884722	BLM POC Email Address: KIMMATTY@BLM.GOV
Disposition: Accepted	Disposition Date: 08/31/2022
Signature: Keith Immatty	

Fluid Placement - Stage 1					
Fluid Name	Volume, bbl	Top of Fluid, ft	Annular Length, ft	Length, ft	Density, lb/gal
Brine/Prod Water	0.0	0.0	0.0	0.0	10.50
10.5 MPE	80.0	0.0	0.0	0.0	10.50
12.0 Scavenger	253.5	0.0	6,596.0	6,596.0	12.00
13.2 Stg1 Tail	152.7	6,596.0	3,894.0	3,974.0	13.20
Brine/Prod Water	491.1	0.0	0.0	10,410.0	10.50

Total Liquid Volume: 977.4 bbl

Fluid Placement - Stage 2 - to be pumped down annulus					
Fluid Name	Volume, bbl	Top of Fluid, ft	Annular Length, ft	Length, ft	Density, lb/gal
Brine/Prod Water	0.0	0.0	0.0	0.0	10.50
10.5 MPE	10.0	0.0	0.0	0.0	10.50
13.3 Stg2 Tail PressureNET	110.0	4,243.2	2,875.8	2,875.8	13.30
13.3 Stg2 Lead	270.0	0.0	4,243.2	4,243.2	13.30
13.3 Stg2 Lead Topout	100.0	0.0	0.0	0.0	13.30

Total Liquid Volume: 940.9 bbl

Reeves, Leslie T

From: Collins, Calen R
Sent: Tuesday, May 17, 2022 12:22 PM
To: Reeves, Leslie T
Cc: Kamau, Ndungu M
Subject: FW: [EXTERNAL] RE: Jeff Smith 171H - H&P 479 - Intermediate Casing Depth

Follow Up Flag: Follow up
Flag Status: Flagged

Leslie,

When you get a chance this week can you submit a sundry to reflect the change in casing set depth for the Jeff Smith 171H? Thanks for you help and let me know if you need any additional info.

Regards,

Calen Collins

Drilling Engineer - Delaware Basin
Occidental Oil and Gas Corporation
Office: 713.985.6902
Cell: 979.578.2254

From: Kamau, Ndungu M <nkamau@blm.gov>
Sent: Tuesday, May 17, 2022 11:58 AM
To: Collins, Calen R <Calen_Collins@oxy.com>
Subject: Re: [EXTERNAL] RE: Jeff Smith 171H - H&P 479 - Intermediate Casing Depth

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

This is fine, our geology team has approved the change. Please submit a sundry to acknowledge this change.

Regards,
N. Mandela Kamau

From: Collins, Calen R <Calen_Collins@oxy.com>
Sent: Tuesday, May 17, 2022 8:23 AM
To: Kamau, Ndungu M <nkamau@blm.gov>
Cc: Timmons, Jeffrey S <jtimmons@blm.gov>
Subject: [EXTERNAL] RE: Jeff Smith 171H - H&P 479 - Intermediate Casing Depth

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

Mandela,

Attaching some additional information from our internal MOC.

Let me know if you need anything else.

Original intent:

- Set 7-5/8" intermediate casing 100' above kick off point at 11097' MD (11,044' TVD).
 - 44' into the 3rd BSS
- Approved setting depth in the original APD is 10877' MD.

Proposed Change:

- Set 7-5/8" casing at 10490' MD (10472' TVD).
 - 258' into the 3rd Bone Spring Lime as per geo.

Reasoning/Justification:

- Issues sliding with the 9-7/8" BHA put us behind our planned front build.
- By setting casing early, we will be able to maintain angle with the 6-3/4" BHA prior to KOP and achieve our remaining front build.
 - This will allow us to land the curve on lease and not interfere any future development in Section 6.
- Original casing depth was determined by DLN of 10 deg/100 from landing point. It was not determined based on shoe integrity.
- Since casing will be set well into the 3rd Bone Lime, there are no anticipated shoe issues.

Change Impact:

- Cement volumes have been updated to ensure the lead cement on the first stage does not seal up the Brushy, which will be our injection zone for stage 2.
- A sundry will be submit to BLM this week with new casing setting depth and cement design – Mandela is currently reviewing new proposed cement volumes.
- Additional footage to be drilled with the 6-3/4" curve BHA prior to KOP

Regards,

Calen Collins

Drilling Engineer - Delaware Basin
Occidental Oil and Gas Corporation
Office: 713.985.6902
Cell: 979.578.2254

From: Collins, Calen R
Sent: Tuesday, May 17, 2022 7:52 AM
To: Kamau, Ndungu M <nkamau@blm.gov>
Cc: jtimmons@blm.gov
Subject: Jeff Smith 171H - H&P 479 - Intermediate Casing Depth

Mandela,

Please see the updated plan for the Jeff Smith MDP1 7_18 Fed Com 171H, API: 30-015-47258.

We are planning to set casing at 10472' TVD (10490' MD). As per Oxy geo, this is ~200' into the 3rd BSL. Please see the updated cement volumes to reflect the change in depth. Let me know if you need any more information to proceed forward with plan.

Fluid Placement - Stage 1			
Fluid Name	Volume, bbl	Top of Fluid, ft	Annular Len
Brine/Prod Water	0.0	0.0	
10.5 MPE	80.0	0.0	
12.0 Scavenger	253.5	0.0	6,5
13.2 Stg1 Tail	152.7	6,596.0	3,8
Brine/Prod Water	491.1	0.0	
Total Liquid Volume: 977.4 bbl			

Fluid Placement - Stage 2 - to be pumped down annulus			
Fluid Name	Volume, bbl	Top of Fluid, ft	Annular Len
Brine/Prod Water	0.0	0.0	
10.5 MPE	10.0	0.0	
13.3 Stg2 Tail PressureNET	110.0	4,243.2	2,8
13.3 Stg2 Lead	270.0	0.0	4,2
13.3 Stg2 Lead Topout	100.0	0.0	
Total Liquid Volume: 940.9 bbl			

Regards,

Calen Collins

Drilling Engineer - Delaware Basin
Occidental Oil and Gas Corporation
Office: 713.985.6902
Cell: 979.578.2254

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1625 N. French Dr., Hobbs, NM 88240
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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 139958

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 139958
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
kpickford	None	8/31/2022