

C-105	State of New Mexico	Revised July 9, 2024
Submit Electronically Via OCD Permitting	Energy, Minerals & Natural Resources Department	
OIL CONSERVATION DIVISION		

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Section 1 - Operator and Well Information

CTI - Convert to Injection

Submittal Type: <input type="checkbox"/> New Well <input type="checkbox"/> Workover <input type="checkbox"/> Deepening <input type="checkbox"/> Plugback <input type="checkbox"/> Different Reservoir <input type="checkbox"/> C-144 Closure Attachment <input checked="" type="checkbox"/> Other	
Operator Name: OCCIDENTAL PERMIAN LTD.	OGRID: 157984
Property Name and Well Number: SOUTH HOBBS G/SA UNIT # 237	Property Code: 19520
Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal	API Number: 30-0 25-31430
Pool Name: HOBBS; GRAYBURG-SAN ANDRES	Pool Code: 31920

Section 2 – Well Location

	UI or lot no.	Section	Township	Range	Lot Id	Feet from	N/S Line	Feet from	E/W Line	County
SHL:	O	4	19S	38E		1300	FSL	1910	FEL	LEA
BHL										

Section 3 – Completion Information

Date T.D. Reached 11/26/1991	Total Measured Depth of Well 5200'	Acid Volume (bbls)	<input type="checkbox"/> Directional Survey Submitted <input type="checkbox"/> Deviation Survey Submitted
Date Rig Released 11/27/1991	Plug-Back Measured Depth 4298'	Completion Fluid Used (bbls)	Were Logs Ran (Y/N)
Completion Date 12/19/2024	Perforations (MD and TVD) 4110 - 4295'	Completion Proppant Used (lbs)	List Type of Logs Ran if applicable:

Section 4 – Action IDs for Submissions and Order Numbers

Surface Casing Action ID:	UIC Permit/Order (UIC wells only) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No, Order No. PMX-351
Intermediate 1 Casing Action ID:	NOI Recomplete Action ID (if applicable):
Intermediate 2 Casing Action ID:	NOI Plugback Action ID (if applicable):
Production Casing Action ID:	Cement Squeeze Action ID (if applicable):
Tubing Action ID:	All casing was pressure tested in accordance with NMAC <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Liner 1 Action ID:	Casing was installed prior to Action ID system (Y/N): Y

Section 5 – Test Data

Date First Production	Production Method	Well Status	Gas – Oil Ratio
Date of Test	Choke Size	Flowing Tubing Pressure	Casing Pressure
24 hr Oil (bbls)	24 hr Gas (MCF)	24 hr Water (bbls)	Oil Gravity - API
Disposition of Gas:			

Section 6 – Pits

<input type="checkbox"/> A temporary pit was used at the well. If so, attach a plat with the location of the temporary pit.
<input type="checkbox"/> A Closed Loop System was used.
<input type="checkbox"/> If an on-site burial was used at the well, report the exact location of the on-site burial: LAT: _____ LONG: _____

Section 7 - Operator Signature and Certification

<input checked="" type="checkbox"/> I hereby certify that the required Water Use Report has been, or will be, submitted for this well’s completion.	
<input checked="" type="checkbox"/> I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well’s completion.	
<input checked="" type="checkbox"/> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.	
Name	RONI MATHEW <i>Roni Mathew</i>
Title	REGULATORY ADVISOR
Date	1/4/2025

South Formations				North Formations			
Formation/Zone	MD	TVD	W/O/G	Formation/Zone	MD	TVD	W/O/G
T. Anhy	1575			T. San Jose			
T. Salt				T. Nacimiento			
B. Salt				T. Ojo Alamo			
T. Yates	2695			T. Kirtland			
T. 7 Rivers				T. Fruitland			
T. Queen				T. Pictured Cliffs			
T. Grayburg	3934			T. Lewis Shale			
T. San Andres	4035			T. Chacra			
T. Glorieta				T. Cliff House			
T. Yeso				T. Menefee			
T. Paddock				T. Point Lookout			
T. Blinebry				T. Mancos			
T.Tubb				T. Gallup			
T. Drinkard				T. Greenhorn			
T. Abo				T. Graneros			
T. Wolfcamp				T. Dakota			
T. Penn				T. Morrison			
T. Cisco				T. Bluff			
T. Canyon				T.Todilto			
T. Strawn				T. Entrada			
T. Atoka				T. Wingate			
T. Morrow				T. Chinle			
T. Barnett Shale				T. Permian			
T. Miss				T. Penn A"			
T. Woodford Shale				T. Penn. "B"			
T. Devonian				T. Penn. "C"			
T. Silurian				T. Penn. "D"			
T. Fusselman				T. Leadville			
T. Montoya				T. Madison			
T. Simpson				T. Elbert			
T. McKee				T. McCracken			
T. Waddell				T. Ignacio Otzte			
T. Connel				T. Granite			
T. Ellenburger				T. Hermosa			
T. Gr. Wash				T. De Chelly			
T. Delaware Sand				T. Pinkerton			
T. Lamar Lime							
T. Bell Canyon							
T. Cherry Canyon							
T. Brushy Canyon							
T. Bone Springs							
T. 1st BS Sand							
T. 2nd BS Carbonate							
T. 2nd BS Sand							
T. 3rd BS Carbonate							
T. 3rd BS Sand							

Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM
 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-025-31430
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 19552
7. Lease Name or Unit Agreement Name South Hobbs G/SA Unit
8. Well Number 237
9. OGRID Number 157984
10. Pool name or Wildcat Hobbs; Grayburg - San Andres
4. Well Location Unit Letter <u>O</u> : <u>1300</u> feet from the <u>SOUTH</u> line and <u>1910</u> feet from the <u>EAST</u> line Section <u>4</u> Township <u>19S</u> Range <u>38E</u> NMPM County <u>LEA</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3610' (GL)

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☒ Other

2. Name of Operator
Occidental Permian LTD.

3. Address of Operator
P.O. Box 4294, Houston, TX 77210

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐
 OTHER: ☐ CTI ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Please see detailed performed procedure, current WBD, and MIT chart attached.

Bradenhead Test uploaded to OCD Permitting separately (UH-BHT Action ID #: 417004).

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Roni Mathew TITLE Regulatory Advisor DATE 1/3/2025

Type or print name Roni Mathew E-mail address: roni_mathew@oxy.com PHONE: 713.215.7827

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Start Date	Daily Job Summary
12/10/2024	LO/TO, spot and rigged up pulling unit and reverse unit. ND cap flange, function tested BOP, OK. Load and pressure test casing to 600 psi, held good. ND cap flange, NU BOP, set up work floor and TBG tongs. Mid-West driver arrived, spotted TBG trailer. Tallied TBG on trailer, picked up 1 joint, installed retrievable head and 7" RBP, RIH with 30 joints of 2 7/8" WS TBG, set RBP at 968'. POOH with 30 joints of 2 7/8" WS TBG and retrievable head. Dumped 3 sx of sand down casing. Secured well and shut down.
12/11/2024	CSG 0 psi. Inspected all tools and set posi-stop. Rigged down TBG tongs and work floor, nipple down BOP, set aside. Crew dug around wellhead 3', HTGSM with America Safety Tech, checked LELs, all readings 0. Rigged up Stream-Flo, cut bolts off TBG head, replaced TBG head, tested to 2200 psi, held good. Nipple up BOP, set up work floor and TBG tongs. RIH with 7" retrievable head and 30 jts of 2 7/8" WS TBG, installed TBG swivel and stripper head. RIH, washed sand out down to RBP, latched onto RBP, and released. POOH with 30 jts of 2 7/8" WS and 7" RBP. RIH with 6 1/8" bit, bit sub, 6-3 1/2" drill collars, top sub, and 30 jts of 2 7/8" TBG from derrick, picked up 40 more jts off trailer. Secured well and shut down.
12/12/2024	TBG and CSG both at 0 psi. Inspected all tools and set PSI-stop. Crew performed BOP closing drill and gathered at muster area. Continued TIH with bit, total 122 jts of 2-7/8" WS TBG, top sub, 6-3/8" drill collars, bit sub, and 6-1/8" bit. Tagged TOC at 4040', 15' into jt 122, laid jt 122 down. Tied rig back on 4-lines. Rigged up power swivel, made connection, and nipple up stripper head. Broke circulation, drilled cement from 4040' to 4060', started drilling on CIBP at 4060', getting cement and cast iron on returns. Made approx. 8" pick up off CIBP, circulated well clean. Closed valve on swivel and secured well, shut down.
12/13/2024	TBG 0 psi, CSG 0 psi. Broke circulation and continued drilling on CIBP at 4060'. CIBP fell out, circulated well clean, recovered cast iron and rubber from CIBP. Made 3 more connections and tagged CIBP at 4173'. Drilled on CIBP at 4173', continued to recover cast iron and rubber, circulated well clean. Rigged down power swivel with JT 126 of 2-7/8". Secured well and shut down.
12/15/2024	TBG and CSG both at 0 psi. Inspected all tools and set posi-stop. Rigged up power swivel with JT#126 of 2-7/8" TBG. Broke circulation and drilled on CIBP at 4173', reached 4200', returned cast iron and cement, bit stopped making hole, circulated well clean. Rigged down power swivel and set on stand. Tied rig back on 4-lines, POOH with 126 JTS of 2-7/8" TBG, top sub, 6 - 3-1/2" drill collars, bit sub, and 6-1/8" bit; found bit worn out and cones loose. RIH with new 6-1/8" bit, bit sub, 6 - 3-1/2" drill collars, top sub, and 126 JTS of 2-7/8" WS TBG, tied rig back on 4-lines. Rigged up power swivel with JT#127 of 2-7/8". Secured well and shut down.
12/16/2024	TBG and CSG at 0 psi. Inspected all tools and set posi-stop. Crew performed BOP closing drill and gathered at muster area. Load and pressure tested casing to 600 psi, held good. Broke circulation and drilled CIBP and cement from 4200' to 4298' (new PBTD). Circulated well clean with 150 bbls brine water. Closed valve on swivel and BOP pressure tested squeeze perfs to 800 psi, held good. Rigged down power swivel and set on trailer. POOH with 130 jts of 2 7/8" TBG, top sub, and laid down 6-3 1/2" drill collars, bit sub, and 6 1/8" bit. Rigged up Renegade wireline, TIH with 3 1/8" perforating gun, and perforated casing from 4295' to 4110' at 2 SPF/90 degrees phasing, 21.5G charge, 0.45" EHD, 43.3" penetration. TOOH and rigged down wireline. Secured well and shut down.
12/17/2024	CSG pressure at 100 psi. Inspected all tools and set posi-stop. RIH with 7" straddle packer assembly with 2 7/8" x 18' spacing and 126 joints of 2 7/8" TBG, installed 2 7/8" check valve, and ran 9 more joints of 2 7/8" TBG, totaling 135 joints. Nipped up stripper head. HTGSM reviewed JSA with Petroplex acid crew, rigged up acid equipment, tested lines, and performed a 9-stage acid job using 7060 gallons of 15% HCL NEFE acid. Flushed TBG with 25 bbls of brine water and rigged down Petroplex acidizing. Unset PPI tools, laid down 9 joints of 2 7/8" TBG, removed check valve, and laid down 11 more joints. Installed TIW valve. Bullheaded 80 bbls of 10# brine water down CSG, but well would not die, maintaining 300 psi. Decided to set packer and fish control bar. Set PPI tools back at 3630'. HTGSM with Renegade Wireline, spotted truck, TIH with fish tool and fish control bar, POOH, and rigged down wireline. Secured well and shut down.
12/18/2024	TBG 600 psi, CSG 0 psi. Inspected all tools and set posi-stop. Pumped 25 bbls brine water down TBG to balance. Released pkr at 3630'. POOH, laying down 115 jts of 2-7/8" WS TBG and 7" PPI tools. Midwest driver arrived, swapped out TBG trailers. Well started to run over, closed BOP, and bullheaded 40 bbls brine water and 40 bbls 14.5# mud down CSG to balance. Picked up 7"x2-7/8" AS1X injection pkr with pump out plug, cleaned pen ends and collars, sealed and lubed all connections. RIH with 124 jts of 2-7/8" L-80 TK15XT new TBG, 1-2' TBG sub, L-80 TK-15XT new. Installed graparound and TIW valve, filled TBG with 23 bbls brine water, set pkr at 4064'. Pumped down TBG and circulated mud out with 170 bbls brine water packer fluid. Removed hose, latched onto 7" injection pkr at 4064', set pkr with 10k compression. Loaded CSG and pressure tested to 600 psi, held good, bled off pressure. Secured well and shut down.

12/19/2024	TBG and CSG both at 0 psi. Inspected all tools and set posi-stop. Crew performed BOP closing drill and gathered at muster area. Rigged down work floor and TBG tongs, then nipple down BOP. Nipple up C-Prox wellhead and pressure tested to 4500 psi, held good, installed surface equipment. Ran MIT to 600 psi, conducted 2 chart test, H-5 test run good. Broke pump plug at 2000 psi. Rigged down pulling unit and reverse unit, cleaned location, and set rig off location. Secured well and shut down for holidays.
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SHOU 237
API# 30-025-31430

TWN 19-S; RNG 38-E

Active Injector

Formation Tops:	
RSLR	1536
SALT	1630
YTES	2691
SVRV	2891
QUEN	3449
GYBG	3750

10-3/4" 40.5 lb/ft @ 1515'
Cmt'd with 1100 sx
TOC @ Surface (Circ. 80 sx)
14.75" Hole Size

ECP @ 1432'

2-7/8" IPC Tbg
7" ASI-X Pkr Set ~4064'

Perforations:
4110' to 4295' (2 SPF, 90 deg phasing)
Open Hole (Closed):
4298-5200'

Cmt plug 4298'-4348'

Spot 20 sx plug @ 5073-5200' (Calc.)

7" 23 lb/ft K-55 @ 4298'
Cmt'd with 1500 sx
TOC @ Surface (Circ. 56 bbls)
9.875" Hole Size

6-1/8" Open Hole

PBTD 4298'
TD 5200'



Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

ACKNOWLEDGMENTS

Action 417005

ACKNOWLEDGMENTS

Operator: OCCIDENTAL PERMIAN LTD P.O. Box 4294 Houston, TX 772104294	OGRID: 157984
	Action Number: 417005
	Action Type: [C-105] Well (Re)Completion (C-105)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

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

CONDITIONS

Action 417005

CONDITIONS

Operator: OCCIDENTAL PERMIAN LTD P.O. Box 4294 Houston, TX 772104294	OGRID: 157984
	Action Number: 417005
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

Created By	Condition	Condition Date
anthony.harris	None	2/11/2025