

Submit a Copy To Appropriate District 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. 30-015-35114	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Hayhurst 16 State	
8. Well Number	1
9. OGRID Number 4323	
10. Pool name or Wildcat Wolfcamp	
4. Well Location Unit Letter <u>P</u> : <u>660</u> feet from the <u>South</u> line and <u>660</u> feet from the <u>East</u> line Section <u>16</u> Township <u>25S</u> Range <u>27E</u> NMPM County <u>Eddy</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3134' GR	

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: ☐

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.

See attached plugging report and as plugged wellbore diagram.

Approved for plugging of well bore only. Liability under bond is retained pending Location cleanup & receipt of C-103Q (Subsequent Report of Well Plugging) which may be found at OCD Web Page, OCD Permitting @ www.emnrd.state.nm.us

Spud Date:

01/01/2007

Rig Release Date:

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

SIGNATURE Mark Torres TITLE P&A Engineer DATE 11/15/2023

Type or print name Mark Torres E-mail address: marktorres@chevron.com PHONE: 989-264-2525

For State Use Only

APPROVED BY: [Signature] TITLE Staff Manager DATE 11/22/23

Conditions of Approval (if any):



P&A Operations Summary - External

Well Name HAYHURST 16 STATE 001H	Field Name HAY HOLLOW WEST	Lease	Area Delaware Basin
Business Unit Mid-Continent	County/ Parish Eddy	Global Metrics Region Lower 48	Surface UWI 3001535114
Basic Well Data			
Current RKB Elevation 3,154.00, 7/21/2014	Original RKB Elevation (ft) 3,154.00	Latitude (°) 32° 7' 28.848" N	Longitude (°) 104° 11' 18.636" W
Daily Operations			
Start Date	Summary		
5/24/2023	Review JSA, check well for pressure, and found 4 strings, plumbed up 3 strings but had to SWA on well due to no wayt to check pressure on suirface string, grub and grade location, remove flo wline and move to next well,		
6/2/2023	Review JSA with crossfire and cudd, expose risers, hot tap riser, install new risersw, back fill and move to next well.		
6/8/2023	Moved from Malaga C3 to Hayhurst 16-1 MIRU equipment		
6/9/2023	Held safety meeting, check pressure. 3150 psi on production casing flow down and circulate production casing		
6/12/2023	Held safety meeting, check pressure. Bled down 4-1/2 to 600 psi. Stand by for kill mud. Pump 120 bbls 14.5 kill mud RUWL tag at 8000' RDWL NDWH NU BOP Test BOP		
6/13/2023	Held safety meeting, check pressure. Reverse out gas plunger RUWL TIH tag at 7920 and at 7850 TOH RDWL		
6/14/2023	Held safety meeting, check pressure. RU Apollo slick line retrieved spring latched onto tubing stop and parted line at surface. Started to trouble shot problem		
6/15/2023	Held safety meeting, check pressure. RU slick line latch onto fish at 7' TOH drop cutter TOH with line		
6/16/2023	Held safety meeting, check pressure. RU braided line retrieved kidley cutter unable retrieve any more tool string		
6/17/2023	Held safety meeting, check pressure. RUWL cut tubing at 7869' RDWL TIH with tubing		
6/19/2023	Held safety meeting, check pressure. TIH to 4587' tong broke down		
6/20/2023	Held safety meeting, check pressure. Continue TIH latched onto fish at 7930 was unable to release TAC started to get off of fish and was unable to release off of fish		
6/21/2023	Held safety meeting, check pressure. RU swivel release overshot RD swivel. TOH laydown overshot TIH with retainer and set at 7730		
6/22/2023	Held safety meeting, check pressure. Unable to continue due to pump malfunction		
6/23/2023	Held safety meeting, check pressure. Pump 125 sacks H cement at 7730-9506 sting out and pump 25 sacks at 7730-7377' TOH laydown stinger TIH tag TOC at 7170 TOH to 5332 RUWL Perf at 6070 RDWL		
6/24/2023	Held safety meeting, check pressure. TIH to 6075 circulate MLF out TOH RUWL run CBL RDWL		
6/26/2023	Held safety meeting, check pressure. RUWL perf at 6070 RDWL TIH to 6120' Spot 30 sx, Class C cementat 6120'-5646' TOH to 4670' WOC TIH tag TOC at 5672' Spot mud TOH RUWL perf at 3008 EIR at .5 BPM at 2000 psi		
6/27/2023	Held safety meeting, check pressure. TOH RUWL Perf at 3008 RDWL EIR Circulate 55 sx, Class C cement: 3008'-2858' WOC TIH TAG TOC at 2675' TOH RUWL cut casing at 2350' RDWL unable to circulate 7 x 4-1/2		
6/28/2023	Held safety meeting, check pressure. RUWL perf at 2100 unable to EIR Perf at 2067 EIR was unable to circulate up the 7" Pump kill mud down 4-1/2		
6/29/2023	Held safety meeting, check pressure. ND BOP ND WH NU BOP L/D casing TIH w/ scraper to 2350 circulate clean		
6/30/2023	Held safety meeting, check pressure. TOH RUWL set CIBP at 2350' Test casing RDWL Isolate casing leak at 2100' Perf at 2350' Pump 85 sacks C cement at 2350'-2100' Pump 135 sacks C cement at 2100'-1625' WOC		
7/1/2023	Held safety meeting, check pressure. TIH TAG TOC at 1564' test casing pump mud TOH RUWL perf at 612' RDWL Pump 35 sacks C cement at 612'-480' WOC		
7/6/2023	Held safety meeting, check pressure. RUWL tag TOC at 389' Cut casing at 360' RDWL ND WH ND BOP NU BOP TOH with casing		
7/7/2023	Held safety meeting, check pressure. TIH w/ scraper to 360 circulate clean TOH RUWL Log well RDWL RUWL (axis) Perf at 330', 240' RDWL		
7/8/2023	Held safety meeting, check presssure. PU 9-5/8 packer test casing between perfs unable to circulate threw for suicide squeeze TOH with packer		
7/10/2023	Held safety meeting, check pressure. RD equipment move from Hayhurst 16-1 to Lotos 901		
7/16/2023	Check pressures on well and bubble test.		
8/7/2023	MOB in Axis rig, spot same and all associated equipment.		
8/8/2023	Finished rigging up rig unit and all associated equipment. Install and test BOP as per procedure.		
8/9/2023	PJSA. MIRU pumps. R/D work platform. SDFN.		
8/10/2023	PJSA. N/U annular BOP. R/U work platform. R/U casing crew. RIH with 3 joints and Slot Jet BHA. Casing tongs suffered mechanical failure. SDFN.		
8/11/2023	PJSA. RIH with SJI. Slot interval #1. RIH with SJI and slot interval #2. RIH with SJI and slot interval #3. Attempted to shear tool to perform wash, couldn't get the tool to shear. TOH. Removed shear pins. TIH with SJI to perform jet wash. Couldn't move down hole while pumping due to lack of weight. TOH. Tongs failed with 3 joints in the well. Shut in the well and secure location.		
8/12/2023	PJSA and PBED drill. L/D remaining DP. Change out pipe on racks and re-tally. TIH washing at 2.5 BPM to TOC at 348'. R/U equipment to CMT and pull pipe. Mixed CMT, truck plugged at re-circ. Repaired. CMT with 31 bbls of 14.8 ppg Class C with water loss from 355' to 221'. L/D drill collars. Shut in the well and secured location.		
8/14/2023	Held safety meeting, checked pressure. Break out equipment TIH tag TOC at 96' TOH RD equipment ND BOP NU WH		
9/16/2023	Check location no gas. Checked well. Surface 32 LEL, 28 CO, Slight flow no bubbles Failed Intermediate 5 H2S, 500 CO, 75 LEL Bubbling and building pressure Failed.		
11/13/2023	Modilize equipment, Spot & RU equipment, Debrief.		
11/14/2023	RU BOP & injection head, Test BOP, RIH tag TOC @83', Pump 50 sx C to surface,, POOH, RDMO.		

AS PLUGGED WELLBORE DIAGRAM

FIELD: Carlsbad West
 LEASE/UNIT: Hayhurst 16 State
 WELL NO.: 1
 COUNTY: Eddy ST: New Mexico
 LOCATION: 660' FSL & 660' FEL, Sec. 16, T-25S, R-27E

API NO.: 30-015-35114
 CHEVNO:
 PROD FORMATION:
 STATUS: SI oil well

Spud Date: 1/1/2007
 TD Date: 3/19/2007
 Comp Date: 10/31/2007
 GL: 3,134'
 KB:

Base of Fresh Water: 100'

R11P/SOPA: No/No

Surface Casing

Size: 13-3/8"
 Wt., Grd.: 48# H-40
 Depth: 430'
 Sxs Cmt: 390 sx
 Circulate: Yes - 100 sx
 TOC: Surf
 Hole Size: 17-1/2"

Intermediate Casing 1

Size: 9-5/8"
 Wt., Grd.: 40# J55
 Depth: 2,110'
 Sxs Cmt: 890 sx
 Circulate: Yes - 53 sx
 TOC: Surf
 Hole Size: 12-1/4"

Intermediate Casing 2

Size: 7"
 Wt., Grd.: 26# L80
 Depth: 9,014'
 DV Tool: 6,020'
 Sxs Cmt: 1460 sx
 Circulate: No
 TOC: 4,000'
 Hole Size: 9-5/8"

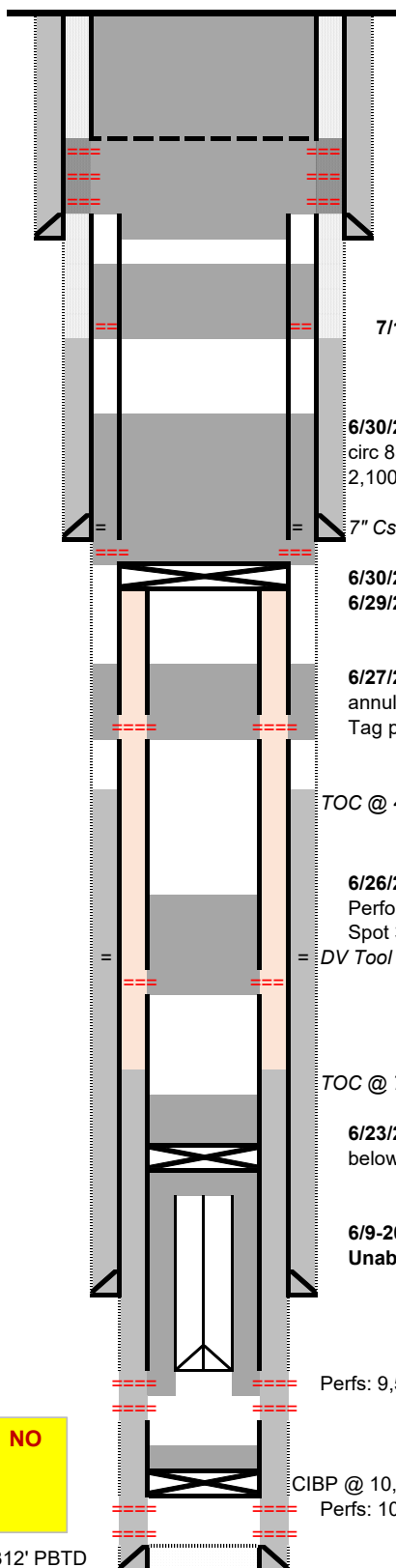
Production Casing

Size: 4-1/2"
 Wt., Grd.: 13.5#
 Depth: 10,400'
 Sxs Cmt: 250 sx
 Circulate: No
 TOC: 7,014'
 Hole Size: 7-1/8"

Formation	Top (MD)
Salado	562'
Base of Salt	2,175'
Lamar LS	2,175'
Bell Canyon	2,212'
Cherry Canyon	3,008'
Brushy Canyon	4,065'
Bone Spring	5,720'
Avalon	5,828'
First Bone Spring	6,636'
Second Bone Spring	7,169'
Thrid Bone Spring	8,466'
WCA	8,799'
WCB	9,321'
WCCB	9,606'
WCD	9,767'
WCE	10,048'

H2S Concentration >100 PPM? NO
 NORM Present in Area? NO

10,400' TD / 10,312' PBTD



11/14/23: Circulate 50 sx Class C f/ 96' - 0'

8/11-14/23: Slot 9-5/8" csg f/ 221' - 327'; jet wash slots & seal with 126 sx Class C; WOC & tag cement at 96'
 7/7/23: Perf @ 330', 240'; unable to est. circ. Between perfs
 7/6/23: Cut/pull 7" csg f/ 360'; CBL on 9-5/8" showed cmt strung out in annulus

7/1/23: Perf @ 612'; spot 35 sx Class C f/ 612' - 480'

6/30/23: Perf 7" @ 2,350'; isolate csg leak @ 2,100' circ 85 sx Class C f/ 2,350' - 2,100', 135 sx Class C f/ 2,100' - 1,625'; tag plug @ 1,564'

7" Csg leak @ 2,100'

6/30/23: Set CIBP in 7" above cut at 2,350'

6/29/23: Cut/pull 4-1/2" prod csg f/ 2,350'

6/27/23: Perf @ 3,008'; fluid circulating out 7" x 9-5/8" annulus. Circulate 55 sx Class C f/ 3,008' - 2,858' Tag plug @ 2,675'

TOC @ 4,000'

6/26/23: Perf twice @ 6,070'; unable to est. inj. rate Perform CBL on 4-1/2"; dehydrated mud preventing circ. Spot 30 sx Class C f/ 6,120' - 5,670'; tag @ 5,672'
 DV Tool @ 6,020'

TOC @ 7,014'

6/23/23: Set CICR @ 7,730'; squeeze 125 sx Class H below retainer and spot 25 sx Class H f/ 7,730' - 7,377'

6/9-20/23: Unable to release TAC; cut tbg @ 7,869' Unable to fish remaining tbg f/ hole

Perfs: 9,506' - 9,767' (48 holes)

CIBP @ 10,150' w/ 35' cmt dump bailed

Perfs: 10,196' - 10,256' (240 holes)

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CONDITIONS

Action 285818

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 285818
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	11/22/2023