

Release: 2/23/20

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CONFIDENTIAL



Submit To: Appropriate District Office
Two Copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87401
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1000 St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised April 3, 2017

1. WELL API NO:
30-015-45744

2. Type of Lease
☐ STATE ☒ FEE ☐ FED/INDIAN

3. State Oil & Gas Lease No.

4. Reason for filing:
☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only)
☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13 K NMAC)

5. Lease Name or Unit Agreement Name
SHEPHERD 3 2 23 27 FEE

6. Well Number:
401H

7. Type of Completion:
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator
WPX ENERGY PERMIAN, LLC

9. OGRID
246289

10. Address of Operator
3500 ONE WILLIAMS CENTER, MD. 35, TULSA, OK 74172

11. Pool name or Wildcat
PURPLE SAGE; WOLFCAMP (GAS)

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	L	03	23S	27E		2361	SOUTH	1195	WEST	EDDY
BH:	H	02	23S	27E		2076	NORTH	234	EAST	EDDY

13. Date Spudded: 03/12/2019
14. Date T.D. Reached: 04/07/2019
15. Date Rig Released: 04/08/2019
16. Date Completed (Ready to Produce): 11/24/2019
17. Elevations (DF and RKB, RT, GR, etc.): 3138 RKB

18. Total Measured Depth of Well: 19249' MD (9293' TVD)
19. Plug Back Measured Depth: 19160' MD (9287' TVD)
20. Was Directional Survey Made? YES
21. Type Electric and Other Logs Run: GAMMA RAY

22. Producing Interval(s), of this completion - Top, Bottom, Name
9371 - 19112, WOLFCAMP

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5# / 385' (J-55)	410'	17 1/2"	440 SX (TOC @ SURFACE)	40 BBLS TO SURFACE
9 5/8"	40# / 2065' (J-55)	2090'	12 1/4"	522 SX (TOC @ SURFACE)	48 BBLS TO SURFACE
7"	29# / 9324' (P110)	9349'	8 3/4"	805 SX (TOC @ 600')	0 BBLS TO SURFACE

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
4 1/2"	8433'	19249'	1123 SX (TOC @ 8433')	

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	11459'	NA

26. Perforation record (interval, size, and number)
9371' - 19112', SIZE= .45, .32, .29 STAGES.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL: 9371' - 19112'
AMOUNT AND KIND MATERIAL USED: 19,391,266 TL FLUID, 28,608,013 TL PROPPANT

28. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
11/24/2019	FLOWING	PRODUCING

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl	Gas - Oil Ratio
12/16/2019	24 HRS	71		2,372 BBLS	5,173 MCF	6,448 BBLS	2.181

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl	Oil Gravity - API - (Corr.)
2,005	969		2,372 BBLS	5,173 MCF	6,448 BBLS	46

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
SOLD:

30. Test Witnessed By
WPX ENERGY

31. List Attachments
Confidentiality Letter, C102 (final), C103 (completion), C104 (amended), Survey Certification Letter, Final Survey & Hard copy of Gamma Ray Log.

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.
NA

33. Rig Release Date:
04/08/2019

34. If an on-site burial was used at the well, report the exact location of the on-site burial:
NA

Latitude: Longitude: NAD83

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature:
Printed Name: LORRI KLINE
Title: REGULATORY TECH II
Date: 12/17/2019
E-mail Address: lorri.kline@wpxenergy.com



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INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn "A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs 5702' MD (5577' TVD)	T. Todilto	
T. Abo	T. BELL CANYON 2157' MD (2156' TVD)	T. Entrada	
T. Wolfcamp 9180' MD (8935' TVD)	T. CHERRY CANYON 3144' MD (3123' TVD)	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from to

No. 3, from to

No. 2, from to

No. 4, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet

No. 2, from to feet

No. 3, from _____ to _____ feet.

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology