

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised Feb. 26, 2007

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address VANGUARD OPERATING, LLC c/o Mike Pippin LLC, 3104 N. Sullivan Farmington, NM 87401		² OGRID Number 258350
³ API Number 30 - 015-40480		⁴ Reason for Filing Code/ Effective Date Re-completed to San Andres
⁵ Pool Name Artesia; Queen-Grayburg-San Andres	⁶ Pool Code 51300	
⁷ Property Code 315559	⁸ Property Name WILLIAMS A FEDERAL	⁹ Well Number 10

II. ¹⁰ Surface Location

Ul or lot no. M	Section 29	Township 17-S	Range 28-E	Lot Idn	Feet from the 600	North/South Line SOUTH	Feet from the	East/West line WEST	County EDDY
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¹¹ Bottom Hole Location

Ul. or lot no. M	Section 29	Township 17-S	Range 28-E	Lot Idn	Feet from the 335	North/South line SOUTH	Feet from the	East/West line WEST	County EDDY
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date READY	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
5108	Sentinel Transportation, LLC 4001 E. 42nd Street, Suite 307, Odessa, TX 79762	O
151618	Frontier Field Service 4200 Skelly Dr. Suite 700, Tulsa, OK 74135 NM OIL CONSERVATION ARTESIA DISTRICT SEP 19 2018	G

RECEIVED

IV. Well Completion Data

²¹ Spud Date 7/25/12	²² Ready Date WO: 8/14/18	²³ TD MD3750'	²⁴ PBTD MD3695' CBP@33350'	²⁵ Perforations MD1880'-3251'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12-1/4"	8-5/8" 24	434'	380 sx H		
7-7/8"	5-1/2" 17#	MD3743'	350 sx C + 400 sx C		
	2-7/8" tubing	MD3240'			

V. Well Test Data

³¹ Date New Oil 8/13/18	³² Gas Delivery Date 8/13/18	³³ Test Date 8/25/18	³⁴ Test Length 24 Hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil (bbbls) 90	³⁹ Water (bbbls) 204	⁴⁰ Gas (MCF) 122		⁴¹ Test Method

⁴² 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.

Signature:

Mike Pippin

Printed name: Mike Pippin

Title: Petroleum Engineer - Agent

E-mail Address: mike@pippinllc.com

Date: 9/18/18

Phone:
505-327-4573

Approved by:

Title:

Approval Date:

Pending BLM approvals will
subsequently be reviewed
and scanned

OIL CONSERVATION DIVISION

Buster Kline
Business Ops Spec A
9-21-2018

Temp Abandoned
96830 Artesia Glorita
7-23-18
Yaso

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTNM OIL CONSERVATION
ARTESIA DISTRICT

SEP 19 2018

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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5. Lease Serial No.
NMNM048344

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator VANGUARD OPERATING, LLC Contact: MIKE PIPPIN E-Mail: mike@pippinllc.com			8. Lease Name and Well No. WILLIAMS A FEDERAL 10		
3. Address C/O MIKE PIPPIN 3104 N SULLIVAN FARMINGTON, NM 87401			9. API Well No. 30-015-40480		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWSW 600FSL 645FWL At top prod interval reported below SWSW 353FSL 339FWL At total depth SWSW 335FSL 336FWL			10. Field and Pool, or Exploratory RED LAKE, Q-GB-SA 51300		
14. Date Spudded 07/25/2012			15. Date T.D. Reached 08/05/2012		
16. Date Completed <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod. 08/14/2018			17. Elevations (DF, KB, RT, GL)* 3645 GL		
18. Total Depth: MD 3750 TVD 3673		19. Plug Back T.D.: MD 3695 TVD 3607		20. Depth Bridge Plug Set: MD 3350 TVD 3271	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CASED HOLE NEUTRON LOG			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)		

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	8.625 J-55	24.0	0	434		280	68	0	0
7.875	5.500 J-55	17.0	0	3743		750	214	0	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	3240							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
RED LAKE, Q-G-SA 51300	1143	3314	1880 TO 2191		31	OPEN
B)			2355 TO 2691		33	OPEN
C)			2895 TO 3251		36	OPEN
D)			3403 TO 3585		40	SI BELOW CBP @ 3350'

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
1880 TO 2191	1500 GAL 15% HCL & FRACED W/31,570# 100 MESH & 224,711# 40/70 SAND IN SLICK WATER
2355 TO 2691	1500 GAL 15% HCL & FRACED W/31,345# 100 MESH & 289,041# 40/70 SAND IN SLICK WATER
2895 TO 3251	1500 GAL 15% HCL & FRACED W/30,045# 100 MESH & 290,708# 40/70 SAND IN SLICK WATER
3403 TO 3585	2000 GAL 7.5% HCL & FRACED W/2000# 100 MESH, 57,080# BRADY, & 24,615# 16/30 SIBER PROP SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/13/2018	08/25/2018	24	→	90.0	122.0	204.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	90	122	204	1356	POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio		
			→						

Pending BLM approvals will subsequently be reviewed

Scanned

ms
9-21-18

Pending BLM approvals will
subsequently be reviewed
and scanned

9-21-18

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #435658 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OF

SUBMITTED **

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
GRAYBURG	1602	1928	OIL & GAS	QUEEN	1143
SAN ANDRES	1928	3314	OIL & GAS	GRAYBURG	1602
				SAN ANDRES	1928
				GLORIETA	3314
				YESO	3437
				7 RIVERS	547
				YATES	313

32. Additional remarks (include plugging procedure):

THIS IS FOR A RECOMPLETION FROM YESO TO SAN ANDRES.

Following a few months production from the San Andres, the CBP @ 3350' will be removed & the well will be DHC with the Yeso as per the approved BLM DHC application on 6/2/14 and State order DHC-4673.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #435658 Verified by the BLM Well Information System.
For VANGUARD OPERATING, LLC, sent to the Carlsbad

Name (please print) MIKE PIPPINTitle PETROLEUM ENGINEERSignature (Electronic Submission)Date 09/18/2018

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.

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