NMOCD
HOBBS OCD
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Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEC 04 2019

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No. NMNM94186

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator DEVON ENERGY PRODUCTION CO, LP Contact: REBECCA DEAL E-Mail: rebecca.deal@dvn.com

8. Lease Name and Well No. THISTLE UNIT 153H

3. Address 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102

3a. Phone No. (include area code) Ph: 405-228-8429

9. API Well No. 30-025-43589

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SWSW 340FSL 1200FWL Sec 33 T23S R33E Mer
At top prod interval reported below SWSW 321FSL 740FWL Sec 28 T23S R33E Mer
At total depth NWNW 23FNL 388FWL

10. Field and Pool, or Exploratory BRINNINSTOOL, WC WEST

11. Sec., T., R., M., or Block and Survey or Area Sec 33 T23S R33E Mer

12. County or Parish LEA

13. State NM

14. Date Spudded 04/21/2019

15. Date T.D. Reached 05/17/2019

16. Date Completed ☐ D & A ☒ Ready to Prod. 09/05/2019

17. Elevations (DF, KB, RT, GL)* 3662 GL

18. Total Depth: MD 22786 TVD 12423

19. Plug Back T.D.: MD 20085 TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	1477		1115		0	594
9.875	8.625 P110TLW	32.0	0	11847		700		0	47
7.875	5.500 P110EC	20.0	0	22778		2980		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)

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12801	22581	12801 TO 22581		1488	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12801 TO 22581	24,732,833# PROPPANT, 0 GAL ACID

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
09/05/2019	09/22/2019	24	→	4227.0	7720.0	4660.0			FLOWS FROM WELL
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr. Rate**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas:Oil Ratio**	**Well Status**	
			→				1826		

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**	**Well Status**	
			→						

ACCEPTED FOR RECORD
NOV 21 2019
BUREAU OF LAND MANAGEMENT
ROSWELL FIELD OFFICE

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

ELECTRONIC SUBMISSION #486849 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Reclamation due: 03/05/2020

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
RUSTLER	1320	1868	BARREN	RUSTLER	1320
SALADO	1868	5188	BARREN	SALADO	1868
B/SALT	5188	5188	BARREN	B/SALT	5188
DELAWARE	5188	9080	OIL/GAS	DELAWARE	5188
BONE SPRING	9080	12324	OIL/GAS	BONE SPRING	9080
WOLFCAMP	12324		OIL/GAS	WOLFCAMP	12324

32. Additional remarks (include plugging procedure):
Production casing as follows: TD 7-7/8" hole @ 22,786'. RIH w/ 267 jts 5-1/2" 20# P-110EC VAMTOP HT csg & 240jts 5-1/2" 20# P-110EC DWC/C IS PLUS csg, set @ 22,778.8'.

See attached as-drilled C-102 and Directional Plan

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 #486849 Verified by the BLM Well Information System.
For DEVON ENERGY PRODUCTION CO, LP, sent to the Hobbs
Committed to AFMSS for processing by JENNIFER SANCHEZ on 11/18/2019 ()

Name *(please print)* REBECCA DEAL Title REGULATORY ANALYST

Signature (Electronic Submission) Date 10/07/2019

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 fradulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-43589	96689	BRINNINSTOOL;WOLFCAMP, WEST

[4] Property Code	[5] Property Name	[6] Well Number
30884	THISTLE UNIT	153H

[7] OGRID No.	[8] Operator Name	[9] Elevation
6137	DEVON ENERGY PRODUCTION COMPANY, L.P.	3661.5

[10] Surface Location

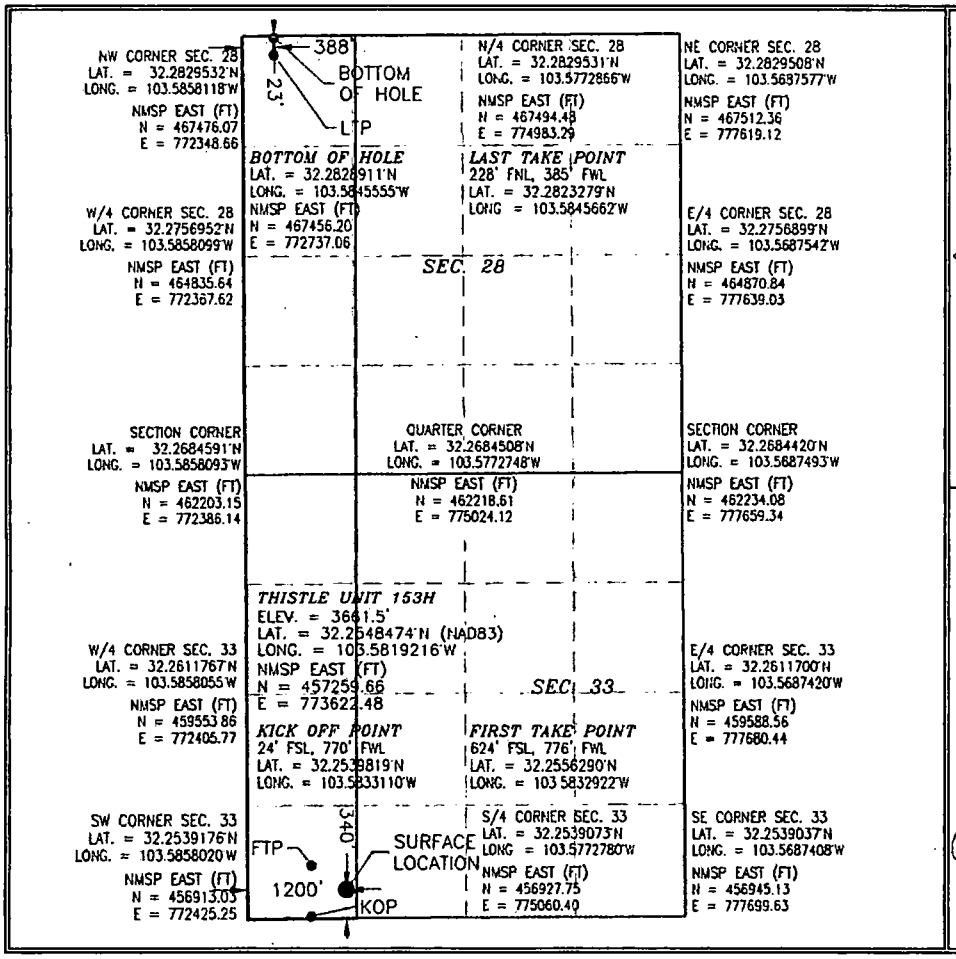
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	33	23 S	33 E		340	SOUTH	1200	WEST	LEA

[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	28	23 S	33 E		23	NORTH	388	WEST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
320			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Rebecca Deal — 10/7/2019
Signature — Date

Rebecca Deal, Regulatory Analyst
Printed Name

rebecca.deal@dvn.com
E-mail Address

[18] SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

DECEMBER 31, 2018
Date of Survey

Signature and Seal of Professional Surveyor: FILIMON F. JARAMILLO, NEW MEXICO, 12797, REGISTERED PROFESSIONAL SURVEYOR

Certificate Number: FILIMON F. JARAMILLO, PLS 12797

SURVEY NO.4714A

Intent [ ] As Drilled [xxx]

API #
30-025-43589

Operator Name:	Property Name:	Well Number
DEVON ENERGY PRODUCTION COMPANY, L.P.	THISTLE UNIT	153H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
M	33	23S	33E		24	SOUTH	770	WEST	LEA

Latitude	Longitude	NAD
32.2539819	103.5833110	83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
M	33	23S	33E		624	SOUTH	776	WEST	LEA

Latitude	Longitude	NAD
32.2556290	103.5832922	83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
D	28	23S	33E		228	NORTH	385	WEST	LEA

Latitude	Longitude	NAD
32.2823279	103.5845662	83

Is this well the defining well for the Horizontal Spacing Unit? [ ]

Is this well an infill well? [ ]

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Total Directional Services, LLC
USA Operations

Final MWD Survey Certification

Lea County, New Mexico

Client: Devon Energy

Well Name: Thistle Unit 153H

Total Job No: 2019-202-X20

API No: 30-025-43589

Start Date: 04/20/2019

End Date: 05/17/2019

Measured Start Depth: 0 feet

Measured End Depth: 22,786 feet

Vertical Section from well center at TD: 10155.64feet

I, Dean Williamson, certify that; I am employed by Total Directional Services, LLC and we conducted or supervised the taking of these open hole MWD surveys at the request of this client. This data is true, correct, complete and within the limitations of the tool as set forth by Total Directional Services, LLC. I am authorized and qualified to make this report and have reviewed this report and find that it conforms to the principals and procedures as set forth by Total Directional Services, LLC.

Date: 5/17/2019

Signed: Dean Williamson

DIRECTIONAL SURVEY REPORT

Company name: Devon Energy
Well name: Thistle Unit 153H
Field: Delaware Basin Bone Springs Sands
Rig: Nabors X20
API/UWI: 30-025-43589
State/Province: New Mexico
County/Parish: Lea
Location Lea County

Start date: 04/24/2019
End date: 05/17/2019
Proposed direction: 359.59
Declination: 6.33
North Reference: Grid
Latitude/Longitude: 32.254847
KB: 3693.5

SVY	Depth	Inc	Azm	CL	TVD	VS	NS	EW	DLS
Tiein	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00
1	232.00	0.60	247.10	232.00	232.00	-0.46	-0.47	-1.12	0.26
2	359.00	0.60	252.70	127.00	358.99	-0.91	-0.93	-2.37	0.05
3	422.00	0.60	236.60	63.00	421.99	-1.19	-1.21	-2.96	0.27
4	549.00	0.30	253.60	127.00	548.98	-1.64	-1.67	-3.83	0.26
5	613.00	0.30	250.70	64.00	612.98	-1.74	-1.77	-4.15	0.02
6	676.00	0.20	255.60	63.00	675.98	-1.82	-1.85	-4.41	0.16
7	740.00	0.10	278.20	64.00	739.98	-1.84	-1.87	-4.58	0.18
8	803.00	0.20	268.90	63.00	802.98	-1.83	-1.87	-4.74	0.16
9	867.00	0.20	302.30	64.00	866.98	-1.77	-1.81	-4.95	0.18
10	930.00	0.10	320.30	63.00	929.98	-1.67	-1.71	-5.07	0.17
11	993.00	0.20	303.50	63.00	992.98	-1.57	-1.61	-5.20	0.17
12	1056.00	0.00	264.00	63.00	1055.98	-1.51	-1.55	-5.29	0.32
13	1120.00	0.20	292.90	64.00	1119.98	-1.46	-1.50	-5.40	0.31
14	1183.00	0.30	292.80	63.00	1182.98	-1.35	-1.39	-5.65	0.16
15	1247.00	0.30	308.70	64.00	1246.98	-1.18	-1.23	-5.93	0.13
16	1310.00	0.30	193.40	63.00	1309.98	-1.24	-1.28	-6.10	0.80
17	1374.00	0.30	285.60	64.00	1373.98	-1.36	-1.40	-6.30	0.68
18	1411.00	0.80	262.00	37.00	1410.97	-1.36	-1.41	-6.65	1.46
19	1565.00	0.30	340.40	154.00	1564.97	-1.12	-1.18	-7.85	0.52
20	1606.00	0.40	330.40	41.00	1605.97	-0.90	-0.95	-7.96	0.28
21	1701.00	0.30	338.20	95.00	1700.97	-0.38	-0.44	-8.21	0.12
22	1796.00	0.30	327.40	95.00	1795.96	0.07	0.01	-8.44	0.06
23	1891.00	0.30	333.40	95.00	1890.96	0.50	0.44	-8.68	0.03
24	1987.00	0.20	334.20	96.00	1986.96	0.88	0.81	-8.87	0.10
25	2082.00	0.30	339.30	95.00	2081.96	1.26	1.19	-9.03	0.11
26	2177.00	0.30	335.00	95.00	2176.96	1.72	1.65	-9.22	0.02
27	2272.00	0.30	334.10	95.00	2271.96	2.17	2.10	-9.44	0.00
28	2368.00	0.30	343.80	96.00	2367.96	2.64	2.57	-9.62	0.05
29	2463.00	0.30	344.20	95.00	2462.96	3.12	3.05	-9.75	0.00
30	2557.00	0.30	347.60	94.00	2556.95	3.59	3.52	-9.87	0.02
31	2652.00	0.30	1.60	95.00	2651.95	4.09	4.02	-9.92	0.08
32	2747.00	0.60	279.50	95.00	2746.95	4.42	4.35	-10.40	0.67
33	2842.00	1.70	250.30	95.00	2841.93	4.04	3.95	-12.22	1.28
34	2938.00	2.50	246.50	96.00	2937.87	2.75	2.64	-15.48	0.85
35	3033.00	3.50	237.50	95.00	3032.73	0.40	0.25	-19.83	1.16
36	3128.00	3.80	226.40	95.00	3127.54	-3.30	-3.47	-24.55	0.81

37	3223.00	4.80	226.80	95.00	3222.27	-8.15	-8.37	-29.73	1.05
38	3318.00	4.80	228.60	95.00	3316.94	-13.46	-13.72	-35.61	0.16
39	3413.00	4.60	227.10	95.00	3411.62	-18.64	-18.94	-41.38	0.25
40	3504.00	4.50	227.90	91.00	3502.34	-23.48	-23.81	-46.70	0.13
41	3604.00	4.30	227.40	100.00	3602.04	-28.61	-28.98	-52.37	0.20
42	3699.00	4.10	228.50	95.00	3696.79	-33.23	-33.64	-57.54	0.23
43	3795.00	2.60	226.00	96.00	3792.62	-36.99	-37.43	-61.68	1.57
44	3890.00	4.20	231.60	95.00	3887.45	-40.62	-41.09	-65.95	1.72
45	3985.00	5.00	230.30	95.00	3982.14	-45.38	-45.89	-71.86	0.85
46	4080.00	5.40	228.70	95.00	4076.75	-50.93	-51.49	-78.41	0.45
47	4176.00	5.10	228.40	96.00	4172.35	-56.69	-57.30	-84.99	0.31
48	4270.00	5.10	227.50	94.00	4265.98	-62.25	-62.90	-91.20	0.09
49	4365.00	4.80	227.10	95.00	4360.62	-67.76	-68.46	-97.22	0.32
50	4461.00	4.50	218.10	96.00	4456.31	-73.42	-74.16	-102.49	0.82
51	4556.00	4.50	220.60	95.00	4551.01	-79.15	-79.92	-107.21	0.21
52	4651.00	4.70	237.40	95.00	4645.71	-84.03	-84.84	-112.92	1.43
53	4746.00	4.50	232.40	95.00	4740.41	-88.36	-89.22	-119.15	0.47
54	4842.00	4.30	223.60	96.00	4836.12	-93.23	-94.12	-124.61	0.73
55	4937.00	4.30	231.40	95.00	4930.86	-97.99	-98.92	-129.85	0.62
56	5032.00	4.90	244.60	95.00	5025.55	-101.91	-102.88	-136.30	1.28
57	5127.00	4.80	245.90	95.00	5120.21	-105.22	-106.25	-143.60	0.16
58	5222.00	4.40	245.00	95.00	5214.91	-108.33	-109.41	-150.53	0.43
59	5317.00	4.40	244.10	95.00	5309.63	-111.41	-112.54	-157.11	0.07
60	5413.00	4.40	244.10	96.00	5405.34	-114.58	-115.76	-163.73	0.00
61	5508.00	4.30	243.10	95.00	5500.07	-117.74	-118.96	-170.19	0.13
62	5603.00	4.30	243.10	95.00	5594.80	-120.92	-122.18	-176.54	0.00
63	5698.00	4.20	243.20	95.00	5689.54	-124.05	-125.36	-182.82	0.11
64	5794.00	4.00	242.80	96.00	5785.30	-127.12	-128.48	-188.94	0.21
65	5889.00	4.00	243.10	95.00	5880.07	-130.10	-131.49	-194.84	0.02
66	5984.00	4.00	242.90	95.00	5974.83	-133.06	-134.50	-200.74	0.01
67	6079.00	4.00	243.20	95.00	6069.60	-136.02	-137.51	-206.65	0.02
68	6175.00	3.80	242.50	96.00	6165.38	-138.96	-140.48	-212.46	0.21
69	6270.00	4.10	238.20	95.00	6260.15	-142.16	-143.73	-218.14	0.44
70	6365.00	4.70	240.60	95.00	6354.87	-145.82	-147.43	-224.42	0.66
71	6460.00	5.20	237.20	95.00	6449.52	-150.01	-151.67	-231.43	0.61
72	6555.00	5.40	234.40	95.00	6544.11	-154.89	-156.60	-238.68	0.34
73	6651.00	5.40	234.00	96.00	6639.69	-160.12	-161.89	-246.01	0.04
74	6746.00	5.40	233.70	95.00	6734.27	-165.35	-167.16	-253.23	0.03
75	6841.00	5.10	234.10	95.00	6828.87	-170.42	-172.29	-260.25	0.32
76	6936.00	4.80	234.90	95.00	6923.51	-175.13	-177.05	-266.92	0.32
77	7032.00	4.70	234.40	96.00	7019.18	-179.68	-181.65	-273.41	0.11
78	7127.00	4.50	235.10	95.00	7113.88	-184.04	-186.04	-279.63	0.22
79	7222.00	4.30	234.50	95.00	7208.60	-188.20	-190.24	-285.58	0.22
80	7317.00	4.10	234.20	95.00	7303.34	-192.21	-194.30	-291.24	0.21
81	7412.00	4.00	232.50	95.00	7398.11	-196.18	-198.30	-296.62	0.16
82	7508.00	3.90	229.80	96.00	7493.88	-200.28	-202.45	-301.77	0.22
83	7603.00	4.00	236.60	95.00	7588.65	-204.16	-206.36	-307.00	0.50
84	7698.00	4.00	236.40	95.00	7683.42	-207.77	-210.02	-312.53	0.01
85	7793.00	3.90	234.10	95.00	7778.19	-211.46	-213.74	-317.91	0.20

86	7888.00	4.40	230.80	95.00	7872.95	-215.62	-217.94	-323.35	0.58
87	7984.00	4.40	229.90	96.00	7968.66	-220.28	-222.64	-329.02	0.07
88	8079.00	4.00	230.30	95.00	8063.41	-224.71	-227.10	-334.36	0.42
89	8174.00	3.80	229.60	95.00	8158.19	-228.83	-231.26	-339.30	0.22
90	8269.00	4.40	229.60	95.00	8252.94	-233.19	-235.66	-344.47	0.63
91	8365.00	4.70	230.80	96.00	8348.64	-238.02	-240.54	-350.33	0.33
92	8460.00	4.40	231.60	95.00	8443.34	-242.70	-245.26	-356.20	0.32
93	8555.00	4.20	231.00	95.00	8538.07	-247.12	-249.71	-361.76	0.22
94	8651.00	3.90	231.70	96.00	8633.83	-251.31	-253.95	-367.05	0.32
95	8746.00	4.00	232.90	95.00	8728.61	-255.28	-257.95	-372.23	0.14
96	8841.00	3.90	235.00	95.00	8823.38	-259.09	-261.80	-377.52	0.19
97	8936.00	3.50	238.70	95.00	8918.18	-262.42	-265.16	-382.64	0.49
98	9031.00	3.40	236.20	95.00	9013.01	-265.45	-268.23	-387.46	0.19
99	9127.00	3.00	236.50	96.00	9108.86	-268.39	-271.20	-391.92	0.42
100	9222.00	2.90	236.50	95.00	9203.74	-271.06	-273.90	-396.00	0.11
101	9317.00	2.40	234.80	95.00	9298.64	-273.51	-276.38	-399.63	0.53
102	9412.00	2.00	229.10	95.00	9393.57	-275.72	-278.61	-402.51	0.48
103	9507.00	2.10	223.90	95.00	9488.50	-278.04	-280.95	-404.97	0.22
104	9602.00	2.40	220.70	95.00	9583.43	-280.79	-283.71	-407.47	0.34
105	9698.00	2.40	215.50	96.00	9679.35	-283.93	-286.87	-409.95	0.23
106	9793.00	2.60	206.50	95.00	9774.26	-287.46	-290.42	-412.07	0.46
107	9888.00	1.30	207.30	95.00	9869.20	-290.34	-293.30	-413.52	1.37
108	9984.00	1.50	207.50	96.00	9965.17	-292.41	-295.39	-414.60	0.21
109	10079.00	1.70	199.00	95.00	10060.13	-294.84	-297.82	-415.63	0.33
110	10174.00	1.90	199.60	95.00	10155.09	-297.65	-300.64	-416.62	0.21
111	10269.00	2.20	199.80	95.00	10250.03	-300.84	-303.84	-417.77	0.32
112	10365.00	2.20	204.00	96.00	10345.96	-304.25	-307.25	-419.14	0.17
113	10459.00	0.80	202.90	94.00	10439.92	-306.49	-309.51	-420.13	1.49
114	10555.00	0.30	235.20	96.00	10535.92	-307.25	-310.27	-420.60	0.59
115	10650.00	0.40	204.70	95.00	10630.91	-307.69	-310.71	-420.94	0.22
116	10744.00	0.40	185.80	94.00	10724.91	-308.31	-311.33	-421.11	0.14
117	10840.00	0.50	150.70	96.00	10820.91	-309.01	-312.03	-420.94	0.30
118	10935.00	0.90	135.00	95.00	10915.90	-309.91	-312.92	-420.21	0.46
119	11030.00	1.00	141.20	95.00	11010.89	-311.09	-314.10	-419.16	0.15
120	11126.00	0.90	157.20	96.00	11106.88	-312.44	-315.44	-418.34	0.29
121	11221.00	0.80	222.80	95.00	11201.87	-313.62	-316.62	-418.51	0.97
122	11316.00	1.00	227.90	95.00	11296.86	-314.65	-317.66	-419.57	0.23
123	11411.00	0.40	236.50	95.00	11391.85	-315.38	-318.40	-420.46	0.64
124	11507.00	0.50	245.70	96.00	11487.85	-315.73	-318.76	-421.12	0.13
125	11601.00	1.00	235.50	94.00	11581.84	-316.36	-319.39	-422.17	0.55
126	11697.00	1.00	227.50	96.00	11677.82	-317.39	-320.43	-423.48	0.15
127	11793.00	1.10	261.00	96.00	11773.81	-318.09	-321.14	-425.01	0.64
128	11944.00	6.20	332.00	151.00	11924.49	-311.07	-314.16	-430.27	3.93
129	12039.00	20.20	339.80	95.00	12016.75	-290.99	-294.14	-438.39	14.82
130	12134.00	35.40	344.40	95.00	12100.55	-248.75	-251.99	-451.53	16.15
131	12230.00	45.00	357.20	96.00	12173.91	-187.76	-191.06	-460.70	13.15
132	12325.00	50.90	358.70	95.00	12237.52	-117.28	-120.60	-463.18	6.32
133	12420.00	51.20	2.40	95.00	12297.25	-43.43	-46.74	-462.47	3.05
134	12515.00	55.60	7.00	95.00	12353.90	32.47	29.21	-456.14	6.04

135	12611.00	60.20	8.40	96.00	12404.90	112.95	109.77	-445.22	4.95
136	12706.00	63.60	6.10	95.00	12449.64	195.99	192.88	-434.67	4.17
137	12801.00	76.10	5.40	95.00	12482.31	284.49	281.45	-425.77	13.18
138	12896.00	83.40	3.80	95.00	12499.20	377.55	374.56	-418.30	7.86
139	12992.00	89.80	5.50	96.00	12504.89	472.95	470.03	-410.53	6.90
140	13087.00	89.90	2.20	95.00	12505.14	567.68	564.80	-404.15	3.48
141	13182.00	90.40	0.00	95.00	12504.89	662.64	659.77	-402.33	2.37
142	13277.00	89.50	359.50	95.00	12504.97	757.64	754.77	-402.74	1.08
143	13373.00	89.70	359.30	96.00	12505.64	853.63	850.76	-403.75	0.29
144	13468.00	89.90	358.80	95.00	12505.98	948.63	945.75	-405.32	0.57
145	13563.00	90.30	358.50	95.00	12505.81	1043.61	1040.72	-407.56	0.53
146	13658.00	89.90	358.20	95.00	12505.64	1138.59	1135.68	-410.30	0.53
147	13753.00	89.70	357.50	95.00	12505.98	1233.55	1230.62	-413.86	0.77
148	13849.00	90.00	357.20	96.00	12506.23	1329.47	1326.51	-418.30	0.44
149	13944.00	90.30	357.10	95.00	12505.98	1424.39	1421.39	-423.02	0.33
150	14039.00	90.70	357.10	95.00	12505.15	1519.29	1516.27	-427.83	0.42
151	14134.00	90.40	356.40	95.00	12504.24	1614.17	1611.11	-433.21	0.80
152	14229.00	90.20	356.10	95.00	12503.74	1709.01	1705.91	-439.43	0.38
153	14324.00	89.00	358.80	95.00	12504.40	1803.93	1800.80	-443.65	3.11
154	14420.00	89.20	358.20	96.00	12505.91	1899.90	1896.75	-446.17	0.66
155	14515.00	88.90	358.90	95.00	12507.49	1994.87	1991.71	-448.57	0.80
156	14610.00	88.30	359.00	95.00	12509.81	2089.83	2086.67	-450.31	0.64
157	14705.00	90.60	358.80	95.00	12510.72	2184.82	2181.64	-452.13	2.43
158	14801.00	91.20	358.50	96.00	12509.21	2280.79	2277.60	-454.39	0.70
159	14896.00	92.10	358.40	95.00	12506.48	2375.73	2372.52	-456.96	0.95
160	14991.00	89.30	356.50	95.00	12505.32	2470.65	2467.41	-461.19	3.56
161	15086.00	89.70	358.10	95.00	12506.14	2565.56	2562.30	-465.66	1.74
162	15182.00	89.40	1.10	96.00	12506.90	2661.55	2658.28	-466.33	3.14
163	15277.00	90.10	0.90	95.00	12507.31	2756.52	2753.26	-464.68	0.77
164	15372.00	89.60	0.50	95.00	12507.56	2851.50	2848.26	-463.52	0.67
165	15467.00	89.10	359.80	95.00	12508.64	2946.49	2943.25	-463.27	0.91
166	15563.00	89.80	359.90	96.00	12509.56	3042.48	3039.24	-463.52	0.74
167	15658.00	90.00	0.30	95.00	12509.73	3137.48	3134.24	-463.35	0.47
168	15753.00	89.00	359.20	95.00	12510.56	3232.47	3229.24	-463.77	1.56
169	15848.00	90.90	1.70	95.00	12510.64	3327.45	3324.22	-463.02	3.31
170	15944.00	91.20	0.50	96.00	12508.88	3423.40	3420.18	-461.18	1.29
171	16039.00	91.10	0.60	95.00	12506.97	3518.36	3515.16	-460.27	0.15
172	16134.00	90.10	359.90	95.00	12505.98	3613.35	3610.15	-459.85	1.28
173	16229.00	89.40	358.60	95.00	12506.39	3708.35	3705.14	-461.10	1.55
174	16324.00	90.10	358.00	95.00	12506.81	3803.32	3800.10	-463.91	0.97
175	16419.00	90.70	359.00	95.00	12506.14	3898.30	3895.06	-466.40	1.23
176	16514.00	91.60	358.70	95.00	12504.24	3993.27	3990.02	-468.31	1.00
177	16610.00	91.50	2.20	96.00	12501.64	4089.21	4085.97	-467.55	3.65
178	16705.00	89.40	2.30	95.00	12500.89	4184.10	4180.89	-463.82	2.21
179	16800.00	89.60	2.90	95.00	12501.72	4278.96	4275.79	-459.51	0.67
180	16895.00	89.40	0.30	95.00	12502.55	4373.89	4370.74	-456.86	2.74
181	16990.00	89.60	358.60	95.00	12503.38	4468.89	4465.73	-457.77	1.80
182	17086.00	90.30	358.20	96.00	12503.46	4564.87	4561.69	-460.45	0.84
183	17181.00	90.20	356.40	95.00	12503.05	4659.78	4656.58	-464.93	1.90

184	17276.00	89.60	353.20	95.00	12503.22	4754.44	4751.17	-473.54	3.43
185	17371.00	89.20	352.80	95.00	12504.21	4848.81	4845.46	-485.11	0.60
186	17466.00	90.30	352.20	95.00	12504.63	4943.08	4939.64	-497.51	1.32
187	17562.00	90.40	350.00	96.00	12504.04	5038.02	5034.48	-512.37	2.29
188	17657.00	90.60	347.40	95.00	12503.21	5131.30	5127.63	-530.98	2.74
189	17752.00	90.40	344.40	95.00	12502.38	5223.58	5219.75	-554.12	3.16
190	17847.00	90.90	341.50	95.00	12501.30	5314.59	5310.56	-581.97	3.10
191	17942.00	91.20	340.70	95.00	12499.56	5404.67	5400.42	-612.73	0.90
192	18037.00	90.90	339.50	95.00	12497.82	5494.21	5489.73	-645.06	1.30
193	18133.00	89.90	338.40	96.00	12497.15	5584.04	5579.32	-679.54	1.55
194	18228.00	89.90	337.70	95.00	12497.32	5672.41	5667.43	-715.05	0.74
195	18323.00	90.30	338.90	95.00	12497.15	5760.92	5755.70	-750.18	1.33
196	18419.00	90.00	341.30	96.00	12496.90	5851.41	5845.96	-782.85	2.52
197	18514.00	92.10	344.00	95.00	12495.16	5942.26	5936.61	-811.18	3.60
198	18609.00	92.10	345.90	95.00	12491.68	6034.11	6028.28	-835.83	2.00
199	18705.00	92.20	348.40	96.00	12488.07	6127.78	6121.81	-857.16	2.60
200	18801.00	92.60	351.30	96.00	12484.05	6222.31	6216.21	-874.06	3.05
201	18897.00	91.70	354.40	96.00	12480.45	6317.56	6311.39	-886.00	3.36
202	18992.00	90.50	359.30	95.00	12478.63	6412.41	6406.19	-891.22	5.31
203	19087.00	90.80	0.30	95.00	12477.55	6507.40	6501.19	-891.55	1.10
204	19183.00	90.90	0.20	96.00	12476.12	6603.38	6597.17	-891.13	0.15
205	19278.00	91.00	359.90	95.00	12474.55	6698.37	6692.16	-891.05	0.33
206	19373.00	90.70	359.60	95.00	12473.14	6793.35	6787.15	-891.46	0.45
207	19469.00	90.90	0.30	96.00	12471.80	6889.34	6883.14	-891.54	0.76
208	19564.00	89.80	0.20	95.00	12471.22	6984.33	6978.14	-891.13	1.16
209	19659.00	90.40	0.30	95.00	12471.05	7079.33	7073.13	-890.71	0.64
210	19754.00	92.40	2.90	95.00	12468.73	7174.23	7168.06	-888.06	3.45
211	19849.00	91.90	2.50	95.00	12465.17	7269.02	7262.88	-883.59	0.67
212	19944.00	92.10	2.50	95.00	12461.85	7363.84	7357.73	-879.45	0.21
213	20039.00	92.30	2.60	95.00	12458.21	7458.64	7452.57	-875.23	0.24
214	20134.00	91.10	1.30	95.00	12455.39	7553.52	7547.47	-872.00	1.86
215	20229.00	90.70	359.70	95.00	12453.90	7648.49	7642.45	-871.17	1.74
216	20325.00	90.70	359.40	96.00	12452.72	7744.48	7738.44	-871.92	0.31
217	20420.00	90.60	359.60	95.00	12451.64	7839.48	7833.43	-872.75	0.24
218	20515.00	90.00	359.60	95.00	12451.15	7934.47	7928.43	-873.41	0.63
219	20610.00	91.90	359.90	95.00	12449.57	8029.46	8023.41	-873.83	2.02
220	20707.00	92.30	359.60	97.00	12446.02	8126.39	8120.34	-874.25	0.52
221	20802.00	90.80	0.30	95.00	12443.45	8221.35	8215.30	-874.33	1.74
222	20898.00	90.40	1.00	96.00	12442.44	8317.33	8311.29	-873.24	0.84
223	20993.00	90.60	0.70	95.00	12441.61	8412.30	8406.28	-871.84	0.38
224	21088.00	90.30	0.40	95.00	12440.87	8507.28	8501.27	-870.92	0.45
225	21183.00	89.20	0.50	95.00	12441.28	8602.27	8596.26	-870.18	1.16
226	21278.00	90.60	0.20	95.00	12441.45	8697.26	8691.26	-869.60	1.51
227	21374.00	89.70	0.70	96.00	12441.20	8793.25	8787.26	-868.84	1.07
228	21469.00	91.30	0.30	95.00	12440.37	8888.23	8882.25	-868.01	1.74
229	21564.00	90.50	0.10	95.00	12438.88	8983.21	8977.23	-867.68	0.87
230	21659.00	90.70	357.60	95.00	12437.88	9078.19	9072.20	-869.59	2.64
231	21755.00	90.20	357.40	96.00	12437.13	9174.12	9168.11	-873.78	0.56
232	21850.00	90.00	356.70	95.00	12436.96	9269.03	9262.98	-878.67	0.77

233	21945.00	89.70	357.00	95.00	12437.21	9363.92	9357.83	-883.89	0.45
234	22040.00	90.60	358.30	95.00	12436.96	9458.86	9452.75	-887.78	1.66
235	22135.00	91.20	0.40	95.00	12435.47	9553.84	9547.73	-888.86	2.30
236	22230.00	91.10	0.40	95.00	12433.56	9648.82	9642.71	-888.20	0.11
237	22325.00	90.90	359.80	95.00	12431.90	9743.80	9737.69	-888.03	0.67
238	22421.00	90.40	359.60	96.00	12430.81	9839.79	9833.68	-888.53	0.56
239	22516.00	92.20	0.50	95.00	12428.66	9934.76	9928.65	-888.45	2.12
240	22611.00	91.80	1.20	95.00	12425.34	10029.68	10023.59	-887.04	0.85
241	22706.00	90.20	0.10	95.00	12423.69	10124.64	10118.56	-885.96	2.04
242	22737.00	90.40	0.30	31.00	12423.52	10155.64	10149.56	-885.86	0.91
PTB	22786.00	90.40	0.30	49.00	12423.18	10204.63	10198.56	-885.60	0.00

/ -103.5811

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMLC069515

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator CONOCOPHILLIPS COMPANY
Contact: RHONDA ROGERS
E-Mail: rogerrs@conocophillips.com

8. Lease Name and Well No. ZIA HILLS 25E FED COM 404H

3. Address P. O. BOX 2197 SP2, 12W-155
HOUSTON, TX 77252

3a. Phone No. (include area code)
Ph: 832-486-2737

9. API Well No. 30-025-43363

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface Sec 25 T26S R32E Mer NMP NWNE 349FNL 2310FEL
At top prod interval reported below Sec 25 T26S R32E Mer NMP NESW 330FSL 2022FWL
At total depth Sec 36 T26S R32E Mer NMP Lot 3 28FSL 2028FWL

10. Field and Pool, or Exploratory ZIA HILLS, BONE SPRING

11. Sec., T., R., M., or Block and Survey or Area Sec 25 T26S R32E Mer NMP

12. County or Parish LEA

13. State NM

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, KB, RT, GL)*
06/28/2018	08/22/2018	☐ D & A ☐ Ready to Prod. 06/10/2019	3133 GL

18. Total Depth:	19. Plug Back T.D.:	20. Depth Bridge Plug Set:
MD 17771 TVD 10625	MD 17771 TVD 10625	MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
ON FILE

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	11.750 J55	47.0	0	922		436	148	0	
10.625	6.625 P110	32.0	0	4834		949	308	0	
7.875	5.500 P110	23.0	0	17756		2023	595	1120	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) ZIA HILLS; BONE SPRING	8676	17771	10530 TO 17491			PROD
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10530 TO 17491	ACIDIZE W/15% HCL FRAC W/18676140# TOTAL PROPANTS

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
09/16/2019	09/23/2019	24	→	1204.0	2764.0	2733.0	50.0		FLOWS FROM WELL

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					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	Well Status
			→					

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

ELECTRONIC SUBMISSION #486850 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-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
RUSTLER	638	987	DOLOMITE/ANHYDRITE	RUSTLER	638
TOP OF SALT/SALADO	987	4411	SALT	TOP OF SALT/SALADO	987
CASTILLE	4411	4634	SALT	CASTILLE	4411
DELAWARE BASE OF SALT	4634	5717	SANDSTONE	DELAWARE BASE OF SALT	4634
CHERRY CANYON	5717	7357	SANDSTONE	CHERRY CANYON	5717
BRUSHY CANYON	7357	8676	SANDSTONE	BRUSHY CANYON	7357
BONE SPRINGS	8676	9781	SANDSTONE	BONE SPRINGS	8676
BONE SPRINGS 1ST	9781	10592	SANDSTONE	BONE SPRINGS 1ST	9781

32. Additional remarks (include plugging procedure):
BONE SPRING 3RD CARB LIMESTONE TOP 10592' BOTTOM 17771'

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 #486850 Verified by the BLM Well Information System.
For CONOCOPHILLIPS COMPANY, sent to the Hobbs
Committed to AFMSS for processing by JENNIFER SANCHEZ on 11/18/2019 ()

Name *(please print)* RHONDA ROGERS Title REGULATORY COORDINATOR

Signature (Electronic Submission) Date 10/07/2019

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 fradulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name

4 Property Code	5 Property Name	6 Well Number
	ZIA HILLS 25E FEDERAL COM	404H
7 OGRID No.	8 Operator Name	9 Elevation
	ConocoPhillips Company	3133.2'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	25	26S	32E		349	NORTH	2310	EAST	LEA

11 Bottom Hole Location If Different From Surface

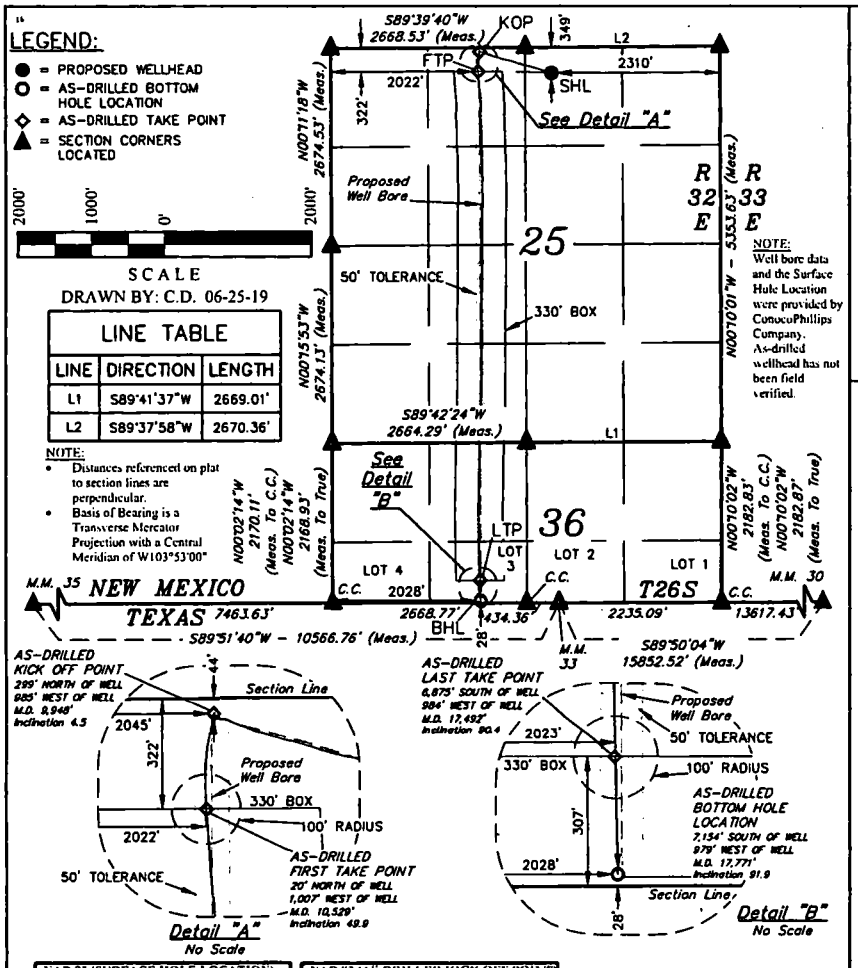
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
3	36	26S	32E		28	SOUTH	2028	WEST	LEA

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
264.92			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

16

LEGEND:
- ● = PROPOSED WELLHEAD
- ○ = AS-DRILLED BOTTOM HOLE LOCATION
- ◇ = AS-DRILLED TAKE POINT
- ▲ = SECTION CORNERS LOCATED



NOTE:
- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearing is a Transverse Mercator Projection with a Central Meridian of W103°53'00"

NOTE: Well bore data and the Surface Hole Location were provided by ConocoPhillips Company. As-drilled wellhead has not been field verified.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S89°41'37"W	2669.01'
L2	S89°37'58"W	2670.36'

NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°01'11.88" (32.019966°)
LONGITUDE = 103°37'38.20" (103.627277°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°01'11.43" (32.019841°)
LONGITUDE = 103°37'36.51" (103.626809°)
STATE PLANE NAD 83 (N.M. EAST)
N: 371717.37' E: 760161.63'
STATE PLANE NAD 27 (N.M. EAST)
N: 371660.36' E: 718974.08'

NAD 83 (AS-DRILLED KICK OFF POINT)
LATITUDE = 32°01'14.86" (32.020794°)
LONGITUDE = 103°37'49.62" (103.630451°)
NAD 27 (AS-DRILLED KICK OFF POINT)
LATITUDE = 32°01'14.41" (32.020668°)
LONGITUDE = 103°37'47.94" (103.629983°)
STATE PLANE NAD 83 (N.M. EAST)
N: 372012.13' E: 759175.92'
STATE PLANE NAD 27 (N.M. EAST)
N: 371955.11' E: 717988.40'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
Section 25	5,030.15'
Section 36	1,867.69'
TOTAL	6,897.84'

NAD 83 (AS-DRILLED FTP)
LATITUDE = 32°01'12.10" (32.020029°)
LONGITUDE = 103°37'49.89" (103.630524°)
NAD 27 (AS-DRILLED FTP)
LATITUDE = 32°01'11.65" (32.019903°)
LONGITUDE = 103°37'48.20" (103.630056°)
STATE PLANE NAD 83 (N.M. EAST)
N: 371733.62' E: 759155.05'
STATE PLANE NAD 27 (N.M. EAST)
N: 371676.61' E: 717967.52'

NAD 83 (AS-DRILLED LTP)
LATITUDE = 32°00'03.88" (32.001078°)
LONGITUDE = 103°37'49.81" (103.630504°)
NAD 27 (AS-DRILLED LTP)
LATITUDE = 32°00'03.43" (32.000952°)
LONGITUDE = 103°37'48.13" (103.630037°)
STATE PLANE NAD 83 (N.M. EAST)
N: 364839.78' E: 759206.17'
STATE PLANE NAD 27 (N.M. EAST)
N: 364782.94' E: 718018.34'

NAD 83 (AS-DRILLED BHL)
LATITUDE = 32°00'01.12" (32.000311°)
LONGITUDE = 103°37'49.76" (103.630489°)
NAD 27 (AS-DRILLED BHL)
LATITUDE = 32°00'00.67" (32.000186°)
LONGITUDE = 103°37'48.08" (103.630022°)
STATE PLANE NAD 83 (N.M. EAST)
N: 364560.89' E: 759212.65'
STATE PLANE NAD 27 (N.M. EAST)
N: 364504.06' E: 718024.80'

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature Date

Printed Name

E-mail Address

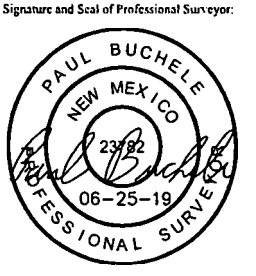
18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

January 30, 2014

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate Number:

MS Directional

7821 Will Rogers Blvd.
Fort Worth, Texas 76140
817.568.1038 (office)
817.568.1499 (fax)
www.msdir.com

MS Directional Survey Data Certification

MS Directional Job Number:	DDMO-180601
Survey Type:	MWD
Operating Company:	ConocoPhillips Company
Well Name & Number:	Zia Hills 25E FED COM 404H
Location:	Lea County, NM
API Number:	30-025-43363
Original Wellbore	
Tie In Depth:	Surface
Surveyed Depths:	205' – 15,742' MD
Projected TD Survey:	15,793' MD
Sidetrack	
Tie In Depth:	9,760' MD
Surveyed Depths:	9,809' – 17,719' MD
Projected TD Survey:	17,771' MD
Dates Performed:	06/25/2018 – 08/22/2018

I certify that the data is true, correct and complete and within the limitations of the tool set forth by MS Directional; that I am authorized and qualified to make this report and that I have reviewed this report and find it conforms to the principles and procedures as set forth by MS Directional.

Digitally signed by: Fallon Kosechata

MWD Surveyor Name: Fallon Kosechata

Date: 09-07-2018

Email: fkosechata@msdir.com

MS Directional
V09.04.02

SURVEY CALCULATION PROGRAM

9/7/18 11:46

Company:	ConocoPhillips Company			
Well Name:	Zia Hills 25E FED COM 404H - Original Wellbore			
Location:	Lea County, NM			
Rig:	Nabors #891	Magnetic Declination:	6.54	REFERENCED TO GRID NORTH
Job Number:	DDMO-180601			
API #:	30-025-43363			
Vertical Section Azimuth:	179.60	Proposed Direction:	179.60	
Survey Calculation Method:	Minimum Curvature			

PTB:	MD	INC	AZM	TVD	N/S	E/W	VS
	15,793	90.31	182.61	10634.41	-5179.31	-962.74	5172.46

#	Depth Feet	Inc Degrees	Azm Degrees	TVD Feet	N/S Feet	E/W Feet	Surface Vert Sec	Closure Distance	Closure Azm	DLS/ 100	BUR/ 100'
TIE IN	0	0.00	0.00	0.00	0.00	0.00			0.00		
1	205	1.24	338.35	204.98	2.06	-0.82	-2.07	2.22	338.35	0.60	0.60
2	393	2.04	325.59	392.91	6.71	-3.46	-6.74	7.55	332.73	0.47	0.43
3	582	2.65	318.06	581.75	12.74	-8.28	-12.80	15.19	326.97	0.36	0.32
4	771	2.39	301.14	770.57	18.03	-14.57	-18.13	23.18	321.04	0.42	-0.14
5	854	1.46	287.12	853.52	19.23	-17.07	-19.35	25.71	318.42	1.25	-1.12
6	976	1.10	247.52	975.49	19.24	-19.63	-19.38	27.49	314.42	0.76	-0.30
7	1,067	2.88	266.84	1066.43	18.78	-22.72	-18.94	29.48	309.58	2.06	1.96
8	1,161	3.55	270.01	1160.29	18.65	-27.99	-18.85	33.64	303.68	0.74	0.71
9	1,255	3.21	270.37	1254.12	18.67	-33.53	-18.90	38.38	299.11	0.36	-0.36
10	1,350	3.28	275.16	1348.97	18.93	-38.90	-19.20	43.26	295.95	0.29	0.07
11	1,445	3.15	274.67	1443.82	19.39	-44.21	-19.70	48.27	293.68	0.14	-0.14
12	1,539	3.76	281.23	1537.65	20.20	-49.81	-20.55	53.75	292.08	0.77	0.65
13	1,634	3.36	270.22	1632.47	20.82	-55.64	-21.20	59.41	290.51	0.83	-0.42
14	1,728	6.26	280.91	1726.13	21.80	-63.43	-22.24	67.07	288.96	3.22	3.09
15	1,822	8.84	282.14	1819.30	24.29	-75.53	-24.81	79.34	287.83	2.75	2.74
16	1,917	8.97	280.92	1913.16	27.22	-89.94	-27.85	93.97	286.84	0.24	0.14
17	2,011	9.09	282.22	2005.99	30.18	-104.39	-30.91	108.67	286.13	0.25	0.13
18	2,106	9.34	280.64	2099.77	33.20	-119.30	-34.03	123.83	285.55	0.37	0.26
19	2,200	10.31	287.85	2192.39	37.18	-134.81	-38.12	139.84	285.42	1.66	1.03
20	2,294	8.46	290.70	2285.13	42.21	-149.28	-43.25	155.13	285.79	2.03	-1.97
21	2,388	6.79	289.27	2378.30	46.48	-161.00	-47.61	167.57	286.11	1.79	-1.78
22	2,483	7.02	288.91	2472.61	50.22	-171.79	-51.42	178.98	286.30	0.25	0.24
23	2,577	7.23	289.56	2565.88	54.06	-182.80	-55.34	190.62	286.48	0.24	0.22
24	2,671	6.81	292.21	2659.18	58.15	-193.53	-59.50	202.08	286.72	0.56	-0.45
25	2,766	6.35	292.67	2753.55	62.30	-203.59	-63.72	212.91	287.01	0.49	-0.48
26	2,860	5.65	295.96	2847.04	66.33	-212.55	-67.81	222.66	287.33	0.83	-0.74
27	2,955	6.33	284.53	2941.52	69.69	-221.82	-71.24	232.52	287.44	1.44	0.72
28	3,050	6.53	283.79	3035.92	72.29	-232.14	-73.91	243.14	287.30	0.23	0.21
29	3,144	6.12	284.07	3129.35	74.79	-242.19	-76.48	253.48	287.16	0.44	-0.44
30	3,239	5.40	282.70	3223.87	77.00	-251.46	-78.75	262.99	287.02	0.77	-0.76
31	3,333	6.26	281.75	3317.38	79.02	-260.80	-80.84	272.50	286.86	0.92	0.91
32	3,428	6.85	285.59	3411.76	81.59	-271.33	-83.49	283.33	286.74	0.77	0.62
33	3,523	6.40	289.21	3506.13	84.86	-281.78	-86.82	294.28	286.76	0.65	-0.47

MS Directional
V09.04.02

SURVEY CALCULATION PROGRAM

9/7/18 11:46

Company:	ConocoPhillips Company				
Well Name:	Zia Hills 25E FED COM 404H - Original Wellbore				
Location:	Lea County, NM				
Rig:	Nabors #891	Magnetic Declination:	6.54	REFERENCED TO GRID NORTH	
Job Number:	DDMO-180601				
API #:	30-025-43363				
Vertical Section Azimuth:	179.60	Proposed Direction:	179.60		
Survey Calculation Method:	Minimum Curvature				

PTB:	MD	INC	AZM	TVD	N/S	E/W	VS
	15,793	90.31	182.61	10634.41	-5179.31	-962.74	5172.46

#	Depth Feet	Inc Degrees	Azm Degrees	TVD Feet	N/S Feet	E/W Feet	Surface Vert Sec	Closure Distance	Closure Azm	DLS/ 100	BUR/ 100'
34	3,617	8.34	281.34	3599.35	87.92	-293.42	-89.97	306.31	286.68	2.32	2.06
35	3,711	9.22	280.23	3692.25	90.60	-307.51	-92.75	320.58	286.42	0.95	0.94
36	3,805	9.10	280.47	3785.05	93.29	-322.23	-95.54	335.46	286.15	0.13	-0.13
37	3,900	8.54	280.46	3878.92	95.94	-336.56	-98.28	349.96	285.91	0.59	-0.59
38	3,994	7.82	280.39	3971.97	98.36	-349.71	-100.79	363.28	285.71	0.77	-0.77
39	4,089	7.69	278.61	4066.10	100.47	-362.35	-103.00	376.02	285.50	0.29	-0.14
40	4,184	7.09	276.52	4160.31	102.09	-374.46	-104.70	388.13	285.25	0.69	-0.63
41	4,278	6.10	274.08	4253.69	103.10	-385.21	-105.79	398.77	284.98	1.09	-1.05
42	4,373	6.52	286.60	4348.11	105.00	-395.41	-107.76	409.11	284.87	1.51	0.44
43	4,468	6.88	290.09	4442.47	108.50	-405.92	-111.33	420.17	284.96	0.57	0.38
44	4,562	6.34	291.51	4535.84	112.34	-416.04	-115.24	430.94	285.11	0.60	-0.57
45	4,657	5.70	290.85	4630.32	115.94	-425.33	-118.91	440.85	285.25	0.68	-0.67
46	4,776	5.37	291.94	4748.76	120.12	-436.02	-123.16	452.26	285.40	0.29	-0.28
47	4,852	4.97	286.48	4824.45	122.39	-442.47	-125.47	459.08	285.46	0.83	-0.53
48	4,947	8.32	289.87	4918.80	125.89	-452.88	-129.05	470.06	285.53	3.55	3.53
49	5,042	8.92	290.39	5012.73	130.79	-466.25	-134.04	484.25	285.67	0.64	0.63
50	5,136	8.99	290.97	5105.58	135.96	-479.94	-139.31	498.83	285.82	0.12	0.07
51	5,230	8.60	289.22	5198.48	140.90	-493.44	-144.34	513.16	285.94	0.50	-0.41
52	5,324	8.24	288.06	5291.46	145.30	-506.48	-148.84	526.91	286.01	0.42	-0.38
53	5,418	8.17	287.95	5384.50	149.45	-519.23	-153.07	540.31	286.06	0.08	-0.07
54	5,513	8.06	287.81	5478.55	153.57	-532.00	-157.28	553.72	286.10	0.12	-0.12
55	5,607	7.56	286.09	5571.68	157.30	-544.21	-161.09	566.49	286.12	0.59	-0.53
56	5,702	7.16	284.38	5665.89	160.50	-555.95	-164.38	578.66	286.10	0.48	-0.42
57	5,797	6.90	283.53	5760.18	163.31	-567.23	-167.26	590.27	286.06	0.29	-0.27
58	5,891	6.75	283.34	5853.51	165.90	-578.10	-169.93	601.43	286.01	0.16	-0.16
59	5,986	6.51	281.95	5947.88	168.30	-588.80	-172.41	612.38	285.95	0.30	-0.25
60	6,081	6.59	280.62	6042.26	170.42	-599.43	-174.60	623.18	285.87	0.18	0.08
61	6,176	6.58	281.89	6136.63	172.55	-610.11	-176.81	634.04	285.79	0.15	-0.01
62	6,270	6.48	282.38	6230.02	174.80	-620.56	-179.12	644.71	285.73	0.12	-0.11
63	6,365	6.53	282.75	6324.41	177.14	-631.07	-181.54	655.46	285.68	0.07	0.05
64	6,459	7.82	287.04	6417.67	180.19	-642.40	-184.67	667.19	285.67	1.49	1.37
65	6,553	7.65	285.89	6510.82	183.78	-654.53	-188.34	679.84	285.68	0.24	-0.18
66	6,648	7.25	282.52	6605.02	186.81	-666.46	-191.46	692.15	285.66	0.62	-0.42
67	6,742	6.91	280.69	6698.30	189.14	-677.81	-193.87	703.70	285.59	0.43	-0.36

MS Directional
V09.04.02

SURVEY CALCULATION PROGRAM

9/7/18 11:46

Company:	ConocoPhillips Company				
Well Name:	Zia Hills 25E FED COM 404H - Original Wellbore				
Location:	Lea County, NM				
Rig:	Nabors #891	Magnetic Declination:	6.54	REFERENCED TO GRID NORTH	
Job Number:	DDMO-180601				
API #:	30-025-43363				
Vertical Section Azimuth:	179.60	Proposed Direction:	179.60		
Survey Calculation Method:	Minimum Curvature				

PTB:	MD	INC	AZM	TVD	N/S	E/W	VS
	15,793	90.31	182.61	10634.41	-5179.31	-962.74	5172.46

#	Depth Feet	Inc Degrees	Azm Degrees	TVD Feet	N/S Feet	E/W Feet	Surface Vert Sec	Closure Distance	Closure Azm	DLS/ 100	BUR/ 100'
68	6,835	9.18	287.94	6790.38	192.47	-690.36	-197.28	716.69	285.58	2.67	2.44
69	6,929	8.93	288.11	6883.21	197.05	-704.43	-201.96	731.47	285.63	0.27	-0.27
70	7,024	8.87	287.56	6977.07	201.55	-718.42	-206.56	746.16	285.67	0.11	-0.06
71	7,118	8.66	285.95	7069.97	205.68	-732.14	-210.78	760.48	285.69	0.34	-0.22
72	7,213	8.36	286.27	7163.92	209.58	-745.64	-214.78	774.54	285.70	0.32	-0.32
73	7,308	7.47	285.30	7258.02	213.14	-758.23	-218.43	787.62	285.70	0.95	-0.94
74	7,402	6.85	278.92	7351.28	215.62	-769.66	-220.99	799.30	285.65	1.07	-0.66
75	7,496	7.92	288.36	7444.51	218.53	-781.35	-223.98	811.33	285.63	1.72	1.14
76	7,591	7.24	288.09	7538.68	222.45	-793.25	-227.99	823.85	285.67	0.72	-0.72
77	7,686	6.52	288.83	7632.99	226.05	-804.04	-231.66	835.22	285.70	0.76	-0.76
78	7,780	6.42	287.76	7726.39	229.38	-814.10	-235.06	845.80	285.74	0.17	-0.11
79	7,875	6.31	286.76	7820.81	232.50	-824.16	-238.25	856.33	285.75	0.16	-0.12
80	7,969	5.95	287.07	7914.27	235.42	-833.76	-241.24	866.36	285.77	0.38	-0.38
81	8,064	5.74	285.34	8008.78	238.13	-843.05	-244.01	876.04	285.77	0.29	-0.22
82	8,158	6.66	287.48	8102.22	241.01	-852.78	-246.96	886.18	285.78	1.01	0.98
83	8,252	6.52	288.28	8195.60	244.32	-863.05	-250.34	896.96	285.81	0.18	-0.15
84	8,346	7.89	291.23	8288.86	248.33	-874.13	-254.43	908.72	285.86	1.51	1.46
85	8,440	7.64	291.28	8382.00	252.93	-885.97	-259.11	921.37	285.93	0.27	-0.27
86	8,534	6.94	290.42	8475.24	257.18	-897.11	-263.44	933.25	286.00	0.75	-0.74
87	8,628	6.35	288.15	8568.61	260.78	-907.37	-267.11	944.11	286.03	0.69	-0.63
88	8,723	7.48	292.86	8662.91	264.82	-918.07	-271.23	955.50	286.09	1.33	1.19
89	8,817	7.09	293.59	8756.15	269.52	-929.02	-276.00	967.33	286.18	0.43	-0.41
90	8,911	6.12	290.86	8849.53	273.63	-939.02	-280.18	978.07	286.25	1.08	-1.03
91	9,006	4.83	288.91	8944.09	276.73	-947.53	-283.33	987.12	286.28	1.37	-1.36
92	9,100	4.28	279.70	9037.80	278.60	-954.74	-285.26	994.55	286.27	0.97	-0.59
93	9,195	3.95	270.93	9132.55	279.25	-961.50	-285.96	1001.23	286.19	0.75	-0.35
94	9,289	3.81	264.73	9226.34	279.02	-967.85	-285.77	1007.26	286.08	0.47	-0.15
95	9,383	3.09	291.24	9320.17	279.65	-973.32	-286.44	1012.70	286.03	1.84	-0.77
96	9,476	1.69	300.77	9413.09	281.26	-976.84	-288.07	1016.52	286.06	1.56	-1.51
97	9,571	1.19	310.57	9508.06	282.61	-978.79	-289.44	1018.77	286.11	0.58	-0.53
98	9,665	1.26	286.11	9602.04	283.54	-980.52	-290.37	1020.69	286.13	0.56	0.07
99	9,760	0.83	267.31	9697.02	283.79	-982.21	-290.64	1022.39	286.12	0.57	-0.45
100	9,854	1.14	282.34	9791.01	283.96	-983.81	-290.82	1023.97	286.10	0.43	0.33
101	9,966	5.02	206.82	9902.85	279.82	-987.11	-286.71	1026.00	285.83	4.34	3.46

MS Directional

V09.04.02

SURVEY CALCULATION PROGRAM

9/7/18 11:46

Company:	ConocoPhillips Company				
Well Name:	Zia Hills 25E FED COM 404H - Original Wellbore				
Location:	Lea County, NM				
Rig:	Nabors #891	Magnetic Declination:	6.54	REFERENCED TO GRID NORTH	
Job Number:	DDMO-180601				
API #:	30-025-43363				
Vertical Section Azimuth:	179.60	Proposed Direction:	179.60		
Survey Calculation Method:	Minimum Curvature				

PTB:	MD	INC	AZM	TVD	N/S	E/W	VS
	15,793	90.31	182.61	10634.41	-5179.31	-962.74	5172.46

#	Depth Feet	Inc Degrees	Azm Degrees	TVD Feet	N/S Feet	E/W Feet	Surface Vert Sec	Closure Distance	Closure Azm	DLS/ 100	BUR/ 100'
102	10,013	10.47	196.01	9949.41	273.88	-989.22	-280.78	1026.43	285.48	11.95	11.60
103	10,061	13.18	193.70	9996.38	264.37	-991.72	-271.29	1026.35	284.93	5.73	5.65
104	10,108	18.28	187.84	10041.61	251.85	-993.99	-258.79	1025.40	284.22	11.35	10.85
105	10,155	22.70	182.66	10085.63	235.48	-995.42	-242.43	1022.89	283.31	10.16	9.40
106	10,202	27.45	178.58	10128.19	215.58	-995.57	-222.53	1018.64	282.22	10.75	10.11
107	10,248	29.66	175.96	10168.60	193.62	-994.51	-200.56	1013.18	281.02	5.52	4.80
108	10,295	32.68	176.71	10208.81	169.35	-992.96	-176.28	1007.30	279.68	6.48	6.43
109	10,343	35.82	178.32	10248.48	142.37	-991.80	-149.29	1001.97	278.17	6.81	6.54
110	10,390	40.44	179.00	10285.44	113.36	-991.13	-120.28	997.59	276.52	9.87	9.83
111	10,435	45.75	179.84	10318.29	82.63	-990.83	-89.55	994.27	274.77	11.87	11.80
112	10,482	47.78	178.45	10350.48	48.40	-990.32	-55.31	991.50	272.80	4.83	4.32
113	10,528	48.01	178.67	10381.33	14.28	-989.46	-21.19	989.56	270.83	0.61	0.50
114	10,575	51.65	180.78	10411.64	-21.63	-989.30	14.72	989.54	268.75	8.47	7.74
115	10,620	53.41	181.57	10439.01	-57.33	-990.04	50.42	991.70	266.69	4.15	3.91
116	10,667	52.72	181.67	10467.26	-94.88	-991.10	87.96	995.63	264.53	1.48	-1.47
117	10,713	54.20	180.11	10494.65	-131.83	-991.67	124.91	1000.39	262.43	4.22	3.22
118	10,760	60.09	180.69	10520.13	-171.30	-991.95	164.37	1006.63	260.20	12.57	12.53
119	10,806	64.96	181.26	10541.35	-212.09	-992.65	205.16	1015.06	257.94	10.64	10.59
120	10,853	65.48	179.93	10561.05	-254.76	-993.09	247.82	1025.25	255.61	2.80	1.11
121	10,899	67.01	179.22	10579.58	-296.86	-992.78	289.92	1036.21	253.35	3.61	3.33
122	10,946	69.71	178.09	10596.91	-340.53	-991.75	333.60	1048.58	251.05	6.16	5.74
123	10,990	72.81	178.57	10611.04	-382.18	-990.54	375.25	1061.71	248.90	7.12	7.05
124	11,037	76.00	178.87	10623.68	-427.43	-989.53	420.51	1077.89	246.64	6.82	6.79
125	11,084	81.09	180.56	10633.01	-473.47	-989.30	466.56	1096.77	244.42	11.39	10.83
126	11,131	84.19	179.10	10639.03	-520.08	-989.16	513.16	1117.55	242.27	7.28	6.60
127	11,178	85.66	179.38	10643.19	-566.89	-988.54	559.97	1139.55	240.17	3.18	3.13
128	11,225	86.45	179.11	10646.42	-613.77	-987.92	606.86	1163.06	238.15	1.78	1.68
129	11,272	88.42	178.31	10648.52	-660.71	-986.87	653.81	1187.62	236.20	4.52	4.19
130	11,366	88.73	178.16	10650.86	-754.64	-983.97	747.75	1240.03	232.51	0.37	0.33
131	11,461	89.36	178.09	10652.45	-849.57	-980.87	842.71	1297.64	229.10	0.67	0.66
132	11,555	89.22	178.41	10653.61	-943.52	-977.99	936.67	1358.94	226.03	0.37	-0.15
133	11,649	89.80	178.38	10654.41	-1037.48	-975.36	1030.65	1423.97	223.23	0.62	0.62
134	11,743	88.88	177.76	10655.50	-1131.42	-972.20	1124.61	1491.74	220.67	1.18	-0.98
135	11,838	88.51	178.12	10657.66	-1226.33	-968.78	1219.54	1562.83	218.31	0.54	-0.39

MS Directional
V09.04.02

SURVEY CALCULATION PROGRAM

9/7/18 11:46

Company:	ConocoPhillips Company				
Well Name:	Zia Hills 25E FED COM 404H - Original Wellbore				
Location:	Lea County, NM				
Rig:	Nabors #891	Magnetic Declination:	6.54	REFERENCED TO GRID NORTH	
Job Number:	DDMO-180601				
API #:	30-025-43363				
Vertical Section Azimuth:	179.60	Proposed Direction:	179.60		
Survey Calculation Method:	Minimum Curvature				

PTB:	MD	INC	AZM	TVD	N/S	E/W	VS
	15,793	90.31	182.61	10634.41	-5179.31	-962.74	5172.46

#	Depth Feet	Inc Degrees	Azm Degrees	TVD Feet	N/S Feet	E/W Feet	Surface Vert Sec	Closure Distance	Closure Azm	DLS/ 100	BUR/ 100'
136	11,963	89.85	180.49	10659.45	-1351.30	-967.27	1344.52	1661.81	215.60	2.18	1.07
137	12,057	89.72	180.81	10659.80	-1445.29	-968.33	1438.50	1739.70	213.82	0.37	-0.14
138	12,152	92.47	181.46	10657.99	-1540.25	-970.21	1533.44	1820.35	212.21	2.97	2.89
139	12,246	92.60	181.00	10653.83	-1634.13	-972.23	1627.31	1901.48	210.75	0.51	0.14
140	12,340	91.85	181.35	10650.18	-1728.04	-974.16	1721.20	1983.71	209.41	0.88	-0.80
141	12,435	89.66	180.68	10648.93	-1823.01	-975.84	1816.16	2067.76	208.16	2.41	-2.31
142	12,529	88.54	180.72	10650.40	-1916.99	-976.99	1910.13	2151.60	207.01	1.19	-1.19
143	12,624	88.32	180.79	10653.01	-2011.95	-978.24	2005.07	2237.16	205.93	0.24	-0.23
144	12,718	88.16	180.24	10655.89	-2105.90	-979.08	2099.01	2322.37	204.93	0.61	-0.17
145	12,813	87.53	179.85	10659.47	-2200.83	-979.16	2193.94	2408.82	203.98	0.78	-0.66
146	12,908	88.89	179.27	10662.43	-2295.78	-978.43	2288.89	2495.58	203.08	1.56	1.43
147	13,002	91.78	179.28	10661.88	-2389.76	-977.24	2382.88	2581.85	202.24	3.07	3.07
148	13,097	93.08	179.54	10657.86	-2484.67	-976.26	2477.79	2669.58	201.45	1.40	1.37
149	13,191	92.77	179.10	10653.06	-2578.54	-975.15	2571.67	2756.77	200.72	0.57	-0.33
150	13,285	92.48	178.90	10648.75	-2672.43	-973.51	2665.57	2844.22	200.02	0.37	-0.31
151	13,380	90.50	179.40	10646.28	-2767.38	-972.10	2760.53	2933.15	199.35	2.15	-2.08
152	13,474	90.69	179.37	10645.31	-2861.37	-971.09	2854.52	3021.66	198.75	0.20	0.20
153	13,569	90.08	178.73	10644.67	-2956.35	-969.52	2949.51	3111.27	198.16	0.93	-0.64
154	13,663	90.45	178.55	10644.24	-3050.33	-967.28	3043.50	3200.02	197.59	0.44	0.39
155	13,758	90.43	178.30	10643.51	-3145.29	-964.67	3138.48	3289.90	197.05	0.26	-0.02
156	13,852	90.80	177.74	10642.50	-3239.22	-961.43	3232.43	3378.89	196.53	0.71	0.39
157	13,947	90.45	177.77	10641.46	-3334.15	-957.71	3327.38	3468.97	196.03	0.37	-0.37
158	14,041	89.99	177.72	10641.10	-3428.07	-954.01	3421.33	3558.34	195.55	0.49	-0.49
159	14,135	89.90	177.92	10641.19	-3522.00	-950.43	3515.28	3647.99	195.10	0.23	-0.10
160	14,230	89.45	178.02	10641.73	-3616.94	-947.07	3610.24	3738.88	194.67	0.49	-0.47
161	14,324	89.19	178.59	10642.84	-3710.89	-944.29	3704.21	3829.15	194.28	0.67	-0.28
162	14,418	89.47	179.01	10643.94	-3804.87	-942.32	3798.20	3919.82	193.91	0.54	0.30
163	14,513	88.69	178.47	10645.47	-3899.83	-940.23	3893.17	4011.57	193.56	1.00	-0.82
164	14,608	90.49	180.83	10646.15	-3994.82	-939.65	3988.16	4103.84	193.24	3.12	1.89
165	14,702	90.78	180.63	10645.11	-4088.80	-940.85	4082.13	4195.65	192.96	0.37	0.31
166	14,797	91.43	181.14	10643.27	-4183.77	-942.31	4177.09	4288.58	192.69	0.87	0.68
167	14,891	91.16	180.85	10641.15	-4277.73	-943.94	4271.04	4380.64	192.44	0.42	-0.29
168	14,985	91.54	180.54	10638.94	-4371.70	-945.08	4365.00	4472.69	192.20	0.52	0.40
169	15,080	91.79	180.45	10636.18	-4466.66	-945.91	4459.94	4565.72	191.96	0.28	0.26

MS Directional
V09.04.02

SURVEY CALCULATION PROGRAM

9/7/18 11:46

Company:	ConocoPhillips Company			
Well Name:	Zia Hills 25E FED COM 404H - Original Wellbore			
Location:	Lea County, NM			
Rig:	Nabors #891	Magnetic Declination:	6.54	REFERENCED TO GRID NORTH
Job Number:	DDMO-180601			
API #:	30-025-43363			
Vertical Section Azimuth:	179.60	Proposed Direction:	179.60	
Survey Calculation Method:	Minimum Curvature			

PTB:	MD	INC	AZM	TVD	N/S	E/W	VS
	15,793	90.31	182.61	10634.41	-5179.31	-962.74	5172.46

#	Depth Feet	Inc Degrees	Azm Degrees	TVD Feet	N/S Feet	E/W Feet	Surface Vert Sec	Closure Distance	Closure Azm	DLS/ 100	BUR/ 100'
170	15,174	90.31	179.09	10634.45	-4560.64	-945.53	4553.92	4657.62	191.71	2.14	-1.57
171	15,268	89.23	181.58	10634.83	-4654.62	-946.08	4647.91	4749.80	191.49	2.89	-1.15
172	15,363	88.52	181.51	10636.70	-4749.57	-948.64	4742.83	4843.38	191.30	0.75	-0.75
173	15,458	90.69	181.48	10637.35	-4844.53	-951.12	4837.77	4937.01	191.11	2.28	2.28
174	15,552	90.37	181.69	10636.48	-4938.49	-953.72	4931.71	5029.74	190.93	0.41	-0.34
175	15,647	90.74	181.89	10635.56	-5033.44	-956.68	5026.64	5123.55	190.76	0.44	0.39
176	15,742	90.31	182.61	10634.69	-5128.36	-960.41	5121.53	5217.52	190.61	0.88	-0.45
PTB:	15,793	90.31	182.61	10634.41	-5179.31	-962.74	5172.46	5268.03	190.53	0.00	0.00

MS Directional
V09.04.02

SURVEY CALCULATION PROGRAM

9/7/18 11:42

Company:	ConocoPhillips Company				
Well Name:	Zia Hills 25E FED COM 404H - Sidetrack				
Location:	Lea County, NM				
Rig:	Nabors #891	Magnetic Declination:	6.53	REFERENCED TO GRID NORTH	
Job Number:	DDMO-180601				
API #:	30-025-43363				
Vertical Section Azimuth:	179.60	Proposed Direction:	179.60		
Survey Calculation Method:	Minimum Curvature				

PTB:	MD	INC	AZM	TVD	N/S	E/W	VS
	17,771	91.87	178.65	10625.11	-7156.3	-949.28	7149.5

#	Depth Feet	Inc Degrees	Azm Degrees	TVD Feet	N/S Feet	E/W Feet	Surface Vert Sec	Closure Distance	Closure Azm	DLS/ 100	BUR/ 100'
TIE IN	9,760	0.83	267.31	9697.02	283.79	-982.21		1022.39	286.12		
1	9,809	6.56	1.51	9745.91	286.57	-982.49	-293.43	1023.43	286.26	13.62	11.69
2	9,871	5.61	353.49	9807.56	293.13	-982.74	-299.98	1025.53	286.61	2.05	-1.53
3	9,918	3.10	285.87	9854.45	295.76	-984.23	-302.62	1027.70	286.73	11.22	-5.34
4	9,966	5.35	208.49	9902.35	294.14	-986.54	-301.02	1029.46	286.60	11.59	4.69
5	10,013	9.65	183.04	9948.95	288.28	-987.80	-295.17	1029.00	286.27	11.35	9.15
6	10,060	14.75	188.49	9994.87	278.42	-988.89	-285.32	1027.34	285.72	11.11	10.85
7	10,107	19.21	192.59	10039.81	264.95	-991.46	-271.87	1026.25	284.96	9.82	9.49
8	10,155	24.05	192.50	10084.42	247.69	-995.30	-254.63	1025.66	283.97	10.08	10.08
9	10,202	28.81	191.38	10126.49	227.22	-999.61	-234.19	1025.11	282.81	10.18	10.13
10	10,248	32.66	188.86	10166.03	204.08	-1003.71	-211.08	1024.25	281.49	8.82	8.37
11	10,295	36.22	185.82	10204.79	177.73	-1007.07	-184.75	1022.64	280.01	8.41	7.57
12	10,342	39.89	183.06	10241.79	148.85	-1009.29	-155.89	1020.21	278.39	8.61	7.81
13	10,389	42.62	180.76	10277.12	117.88	-1010.30	-124.93	1017.16	276.66	6.64	5.81
14	10,434	45.29	179.82	10309.52	86.65	-1010.46	-93.70	1014.16	274.90	6.11	5.93
15	10,481	48.30	176.58	10341.69	52.42	-1009.36	-59.47	1010.72	272.97	8.14	6.40
16	10,527	49.81	174.66	10371.84	17.78	-1006.70	-24.81	1006.85	271.01	4.55	3.28
17	10,574	51.53	175.17	10401.63	-18.43	-1003.48	11.42	1003.65	268.95	3.75	3.66
18	10,619	54.33	175.78	10428.75	-54.22	-1000.65	47.23	1002.11	266.90	6.32	6.22
19	10,665	58.10	176.88	10454.33	-92.36	-998.21	85.39	1002.47	264.71	8.43	8.20
20	10,712	61.09	176.47	10478.11	-132.83	-995.86	125.87	1004.67	262.40	6.41	6.36
21	10,757	63.19	175.11	10499.14	-172.50	-992.93	165.56	1007.80	260.14	5.38	4.67
22	10,804	65.47	174.15	10519.50	-214.67	-988.96	207.76	1011.99	257.75	5.19	4.85
23	10,850	67.11	174.20	10537.99	-256.57	-984.69	249.69	1017.57	255.40	3.57	3.57
24	10,897	67.50	174.26	10556.13	-299.71	-980.33	292.86	1025.12	253.00	0.84	0.83
25	10,941	68.04	175.04	10572.77	-340.26	-976.53	333.44	1034.11	250.79	2.05	1.23
26	10,988	69.62	177.15	10589.75	-383.98	-973.55	377.18	1046.54	248.48	5.37	3.36
27	11,036	70.53	179.29	10606.11	-429.08	-972.15	422.29	1062.64	246.18	4.60	1.90
28	11,083	73.31	180.60	10620.69	-473.76	-972.11	466.96	1081.41	244.02	6.48	5.91
29	11,130	76.15	180.96	10633.07	-519.09	-972.73	512.29	1102.57	241.91	6.09	6.04
30	11,177	81.92	180.79	10642.01	-565.21	-973.44	558.40	1125.63	239.86	12.28	12.28
31	11,213	86.46	180.58	10645.65	-601.01	-973.86	594.20	1144.39	238.32	12.62	12.61
32	11,307	89.40	177.09	10649.05	-694.90	-971.95	688.10	1194.81	234.44	4.85	3.13
33	11,401	90.03	177.08	10649.51	-788.78	-967.17	782.01	1248.04	230.80	0.67	0.67

MS Directional
V09.04.02

SURVEY CALCULATION PROGRAM

9/7/18 11:42

Company:	ConocoPhillips Company				
Well Name:	Zia Hills 25E FED COM 404H - Sidetrack				
Location:	Lea County, NM				
Rig:	Nabors #891	Magnetic Declination:	6.53	REFERENCED TO GRID NORTH	
Job Number:	DDMO-180601				
API #:	30-025-43363				
Vertical Section Azimuth:	179.60	Proposed Direction:	179.60		
Survey Calculation Method:	Minimum Curvature				

PTB:	MD	INC	AZM	TVD	N/S	E/W	VS
	17,771	91.87	178.65	10625.11	-7156.3	-949.28	7149.5

#	Depth Feet	Inc Degrees	Azm Degrees	TVD Feet	N/S Feet	E/W Feet	Surface Vert Sec	Closure Distance	Closure Azm	DLS/ 100	BUR/ 100'
34	11,496	91.15	177.17	10648.54	-883.65	-962.41	876.91	1306.55	227.44	1.18	1.18
35	11,589	88.77	177.41	10648.60	-976.54	-958.01	969.83	1368.00	224.45	2.57	-2.56
36	11,684	89.28	178.29	10650.22	-1071.46	-954.45	1064.77	1434.92	221.69	1.07	0.54
37	11,778	89.75	178.43	10651.01	-1165.42	-951.76	1158.75	1504.67	219.24	0.52	0.50
38	11,873	90.38	178.74	10650.90	-1260.39	-949.41	1253.73	1577.96	216.99	0.74	0.66
39	11,967	88.41	178.44	10651.90	-1354.35	-947.10	1347.71	1652.65	214.97	2.12	-2.10
40	12,061	88.68	178.52	10654.28	-1448.29	-944.61	1441.66	1729.11	213.11	0.30	0.29
41	12,156	88.67	178.37	10656.48	-1543.23	-942.03	1536.61	1808.03	211.40	0.16	-0.01
42	12,250	89.72	179.85	10657.80	-1637.20	-940.57	1630.60	1888.15	209.88	1.93	1.12
43	12,345	89.76	180.63	10658.23	-1732.20	-940.97	1725.59	1971.28	208.51	0.82	0.04
44	12,439	89.98	180.97	10658.45	-1826.19	-942.28	1819.57	2054.96	207.29	0.43	0.23
45	12,534	90.30	181.75	10658.21	-1921.16	-944.53	1914.52	2140.80	206.18	0.89	0.34
46	12,628	90.69	182.04	10657.40	-2015.11	-947.64	2008.44	2226.81	205.19	0.52	0.41
47	12,723	89.43	179.70	10657.30	-2110.09	-949.08	2103.41	2313.71	204.22	2.80	-1.33
48	12,818	89.39	180.03	10658.28	-2205.08	-948.86	2198.41	2400.57	203.28	0.35	-0.04
49	12,912	91.70	179.40	10657.39	-2299.07	-948.39	2292.39	2487.00	202.42	2.55	2.46
50	13,007	92.56	179.73	10653.86	-2394.00	-947.67	2387.33	2574.75	201.60	0.97	0.91
51	13,101	89.98	178.81	10651.77	-2487.96	-946.47	2481.29	2661.91	200.83	2.91	-2.74
52	13,195	89.61	178.36	10652.11	-2581.93	-944.15	2575.28	2749.15	200.09	0.62	-0.39
53	13,290	91.05	180.41	10651.56	-2676.92	-943.13	2670.27	2838.20	199.41	2.64	1.52
54	13,384	92.08	181.06	10648.99	-2770.87	-944.34	2764.21	2927.37	198.82	1.30	1.10
55	13,479	89.31	180.58	10647.84	-2865.85	-945.70	2859.17	3017.85	198.26	2.96	-2.92
56	13,573	90.01	180.32	10648.40	-2959.84	-946.44	2953.16	3107.48	197.73	0.79	0.74
57	13,668	91.29	180.35	10647.32	-3054.83	-946.99	3048.15	3198.25	197.22	1.35	1.35
58	13,762	90.18	180.49	10646.12	-3148.82	-947.68	3142.13	3288.34	196.75	1.19	-1.18
59	13,857	90.55	180.49	10645.51	-3243.81	-948.49	3237.11	3379.64	196.30	0.39	0.39
60	13,951	90.39	179.82	10644.74	-3337.81	-948.75	3331.11	3470.03	195.87	0.73	-0.17
61	14,045	88.52	179.76	10645.63	-3431.80	-948.40	3425.10	3560.44	195.45	1.99	-1.99
62	14,140	88.32	179.79	10648.25	-3526.76	-948.03	3520.06	3651.96	195.05	0.21	-0.21
63	14,234	88.52	180.05	10650.85	-3620.73	-947.90	3614.02	3742.75	194.67	0.35	0.21
64	14,328	90.29	180.31	10651.82	-3714.72	-948.19	3708.01	3833.82	194.32	1.90	1.88
65	14,416	94.07	178.85	10648.47	-3802.64	-947.55	3795.93	3918.91	193.99	4.60	4.30
66	14,510	92.07	180.43	10643.44	-3896.49	-946.96	3889.78	4009.91	193.66	2.71	-2.13
67	14,604	90.24	180.38	10641.55	-3990.47	-947.63	3983.75	4101.44	193.36	1.95	-1.95

MS Directional
V09.04.02

SURVEY CALCULATION PROGRAM

9/7/18 11:42

Company:	ConocoPhillips Company				
Well Name:	Zia Hills 25E FED COM 404H - Sidetrack				
Location:	Lea County, NM				
Rig:	Nabors #891	Magnetic Declination:	6.53	REFERENCED TO GRID NORTH	
Job Number:	DDMO-180601				
API #:	30-025-43363				
Vertical Section Azimuth:	179.60	Proposed Direction:	179.60		
Survey Calculation Method:	Minimum Curvature				

PTB:	MD	INC	AZM	TVD	N/S	E/W	VS
	17,771	91.87	178.65	10625.11	-7156.3	-949.28	7149.5

#	Depth Feet	Inc Degrees	Azm Degrees	TVD Feet	N/S Feet	E/W Feet	Surface Vert Sec	Closure Distance	Closure Azm	DLS/ 100	BUR/ 100'
68	14,699	90.99	180.35	10640.53	-4085.46	-948.23	4078.74	4194.06	193.07	0.79	0.79
69	14,793	89.99	180.66	10639.72	-4179.45	-949.06	4172.72	4285.85	192.79	1.11	-1.06
70	14,888	89.34	180.28	10640.28	-4274.44	-949.84	4267.71	4378.71	192.53	0.79	-0.68
71	14,982	89.50	180.03	10641.23	-4368.44	-950.09	4361.70	4470.56	192.27	0.32	0.17
72	15,077	89.41	180.15	10642.13	-4463.43	-950.24	4456.69	4563.46	192.02	0.16	-0.09
73	15,171	91.55	181.70	10641.34	-4557.41	-951.76	4550.65	4655.73	191.80	2.81	2.28
74	15,265	91.92	182.28	10638.50	-4651.31	-955.02	4644.53	4748.34	191.60	0.73	0.39
75	15,360	92.27	181.66	10635.03	-4746.19	-958.29	4739.38	4841.96	191.41	0.75	0.37
76	15,455	90.97	181.72	10632.34	-4841.11	-961.09	4834.28	4935.59	191.23	1.37	-1.37
77	15,549	89.22	181.27	10632.18	-4935.07	-963.54	4928.22	5028.25	191.05	1.92	-1.86
78	15,644	89.54	181.17	10633.21	-5030.04	-965.56	5023.18	5121.88	190.87	0.35	0.34
79	15,739	89.07	180.06	10634.36	-5125.03	-966.58	5118.16	5215.38	190.68	1.27	-0.49
80	15,833	89.57	180.46	10635.48	-5219.02	-967.01	5212.14	5307.85	190.50	0.68	0.53
81	15,927	89.03	180.63	10636.63	-5313.01	-967.90	5306.12	5400.46	190.32	0.60	-0.57
82	16,021	89.61	180.34	10637.74	-5407.00	-968.70	5400.11	5493.09	190.16	0.69	0.62
83	16,116	91.54	180.93	10636.79	-5501.98	-969.75	5495.08	5586.79	190.00	2.12	2.03
84	16,210	91.62	180.75	10634.20	-5595.94	-971.13	5589.02	5679.58	189.85	0.21	0.09
85	16,304	91.53	180.46	10631.62	-5689.90	-972.12	5682.97	5772.34	189.70	0.32	-0.10
86	16,399	89.58	180.76	10630.70	-5784.88	-973.13	5777.95	5866.16	189.55	2.08	-2.05
87	16,494	89.60	181.98	10631.38	-5879.85	-975.40	5872.90	5960.21	189.42	1.28	0.02
88	16,588	90.17	179.69	10631.56	-5973.83	-976.77	5966.87	6053.16	189.29	2.51	0.61
89	16,682	91.38	178.21	10630.29	-6067.81	-975.05	6060.85	6145.65	189.13	2.03	1.29
90	16,777	92.28	178.50	10627.26	-6162.72	-972.32	6155.78	6238.95	188.97	1.00	0.95
91	16,871	91.31	178.64	10624.31	-6256.64	-969.98	6249.72	6331.38	188.81	1.04	-1.03
92	16,965	89.10	178.77	10623.98	-6350.61	-967.86	6343.70	6423.94	188.67	2.36	-2.35
93	17,059	89.69	179.24	10624.97	-6444.59	-966.22	6437.69	6516.62	188.53	0.80	0.63
94	17,154	88.77	178.45	10626.25	-6539.56	-964.31	6532.67	6610.28	188.39	1.28	-0.97
95	17,248	89.10	178.50	10627.99	-6633.51	-961.81	6626.63	6702.88	188.25	0.36	0.35
96	17,343	89.43	178.38	10629.21	-6728.47	-959.22	6721.61	6796.50	188.11	0.37	0.35
97	17,437	90.79	178.85	10629.03	-6822.44	-956.95	6815.59	6889.22	187.98	1.53	1.45
98	17,532	90.08	178.64	10628.31	-6917.41	-954.87	6910.58	6983.01	187.86	0.78	-0.75
99	17,627	89.96	178.68	10628.28	-7012.39	-952.65	7005.56	7076.80	187.74	0.13	-0.13
100	17,719	91.87	178.65	10626.81	-7104.34	-950.50	7097.54	7167.65	187.62	2.08	2.08
PTB:	17,771	91.87	178.65	10625.11	-7156.30	-949.28	7149.50	7218.99	187.56	0.00	0.00

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 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

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

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

[1] Operator name and Address	[2] OGRID Number
CONOCOPHILLIPS COMPANY P.O. BOX 2197, HOUSTON, TX 77252	217817
	[3] Reason for Filing Code/ Effective Date ND

[4] API Number	[5] Pool Name	[6] Pool Code
30 - 0-25-43363	ZIA HILLS; BONE SPRING	98009
[7] Property Code	[8] Property Name	[9] Well Number
320709	ZIA HILLS 25E FEDERAL	404H

II. [10] Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
B	25	26S	32E		349	NORTH	2310	EAST	LEA

[11] Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
3	36	26S	32E		28	SOUTH	2028	WEST	LEA

[12] Lse Code	[13] Producing Method Code	[14] Gas Connection Date	[15] C-129 Permit Number	[16] C-129 Effective Date	[17] C-129 Expiration Date
F	F				

III. Oil and Gas Transporters

[18] Transporter OGRID	[19] Transporter Name and Address	[20] O/G/W
248440	Western Refining Company, LP	O
174238	Enterprise Crude Oil LLC	G

IV. Well Completion Data

[21] Spud Date	[22] Ready Date	[23] TD	[24] PBTD	[25] Perforations	[26] DHC, MC
6/28/18	6/10/19	17771' MD/10625' TVD	17771' MD/10625' TVD	17491'-10530'	NA

[27] Hole Size	[28] Casing & Tubing Size	[29] Depth Set	[30] Sacks Cement
14.75"	11.75" 47# J-55	922'	436 SXS (148 BBLS)
10.625"	8.625" 32# P-110	4834'	949 SXS (308 BBLS)
7.875"	5.5" 23# P-110	17,756'	2023 SXS (595 BBLS)
	CMT SQUEEZE @	10800', 10200' & 9500'	514 SXS (98 BBLS)

V. Well Test Data

[31] Date New Oil	[32] Gas Delivery Date	[33] Test Date	[34] Test Length	[35] Tbg. Pressure	[36] Csg. Pressure
9/16/19	9/16/19	9/23/19	24HR		
[37] Choke Size	[38] Oil	[39] Water	[40] Gas		[41] Test Method
	1204 BOPD	2733 BWPD	2764 MCF/PD		

[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: Rhonda Rogers

Printed name: Rhonda Rogers

Title: Regulatory Coordinator

E-mail Address: rogerrs@conocophillips.com

Date: 10/7/2019

Phone: 832-486-2737

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date: