

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

HOBBS OCD State of New Mexico
Energy, Minerals & Natural Resources
Oil Conservation Division
220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address ConocoPhillips Company P.O. Box 51810 Midland, TX 79710		² OGRID Number 217817
		³ Reason for Filing Code/ Effective Date ND
⁴ API Number 30 - 015-43375	⁵ Pool Name WC-015 G-08 S263125P; WOLFCAMP	⁶ Pool Code 98012
⁷ Property Code 315259	⁸ Property Name GOLDEN SPUR 36 COM W1	⁹ Well Number 2H

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
1	36	26S	31E		315	SOUTH	570	EAST	EDDY

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
S	25	26S	31E		68	NORTH	1075	EAST	EDDY

¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
248440	WESTERN REFINING COMPANY, L.P. 6500 TROWBRIDGE DRIVE EL PASO, TX 79905	O
285689	DELAWARE BASIN MIDSTREAM, LLC 1221 LAMAR ST STE 1100 HOUSTON, TX 77010	G
	NM OIL CONSERVATION ARTESIA DISTRICT JUL 27 2016	
	RECEIVED	

IV. Well Completion Data

²¹ Spud Date 10/26/2015	²² Ready Date 07/07/2016	²³ TD 11,868'TD/19,013'M	²⁴ PBDT 11,868'TD/18,904'M	²⁵ Perforations 11,932'-18,4	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	1024'	1085		
12 1/4"	9 5/8"	4,210'	1146		
8 3/4"	7 5/8"	11,814'	855		
6 3/4"	5	18.992'	985		

V. Well Test Data

³¹ Date New Oil 07/07/2016	³² Gas Delivery Date	³³ Test Date 07/07/2016	³⁴ Test Length 24HR	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 5700
³⁷ Choke Size 18/64	³⁸ Oil 226 BBL	³⁹ Water 329 BBL	⁴⁰ Gas 800 MCF		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: *Ashley Bergen*

Printed name: Ashley Bergen

Title: Regulatory Associate

E-mail Address: ashley.bergen@cop.com

Date: 07/12/2016

Phone: (432)688-6938

OIL CONSERVATION DIVISION

Approved by: *Garen Sharp*

Title: *Bus Op Spec-Adm*

Approval Date: *7-27-16*

Provide signature page for survey

Pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

JUL 25 2016

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMLC068282B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
GOLDEN SPUR 36 COM W1 2H9. API Well No.
30-015-4337510. Field and Pool, or Exploratory
WOLFCAMP11. County or Parish, and State
EDDY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
CONOCOPHILLIPSContact: ASHLEY BERGEN
E-Mail: ashley.bergen@conocophillips.com3a. Address
P.O. BOX 51810
MIDLAND, TX 797103b. Phone No. (include area code)
Ph: 432-688-69384. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 36 T26S R31E Mer NMP 315FSL 570FEL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Production Start-up
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The well above was completed on 7/7/16. Please see the attachment of the work summary for the well completion.

NM OIL CONSERVATION
ARTESIA DISTRICT

JUL 27 2016

RECEIVED

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #344863 verified by the BLM Well Information System
For CONOCOPHILLIPS, sent to the Carlsbad

Name (Printed/Typed) ASHLEY BERGEN

Title REGULATORY SPECIALIST

Signature (Electronic Submission)

Date 07/18/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person States any false, fictitious or fraudulent statements or representations as to any matter within

Pending BLM approvals will
subsequently be reviewed
and scanned

Bureau of the United

** OPERATOR-SUBMITTED ** OPERATOR-SUBI

** OPERATOR-SUBMITTED **

3/14/16 RIH to 11,290' performed Gamma Ray and Neutron logs. POOH.

3/18/16 RIH & perf stage 1 from 18,475'-18,371'.

3/22/16 Frac stage #1 with 4,000 gals of 15% NEFE HCL acid and 440,800# of proppants. Perf stage 2 from 18,342'-18,227'. Frac stage 2 with 2,000 gals of 15% NEFE HCL acid and 443,934# of proppants. Perf stage 3 from 18,203'-18,100'.

3/23/16 Frac stage 3 with 2,000 gals of 15% NEFE HCL acid and 440,960# of proppants. Perf stage 4 from 17,860'-18,066'. Frac stage 4 with 2,000 gals of 15% NEFE HCL acid and 440,960# of proppants.

3/24/16 Perf stage 5 from 17,622'-17,829'.

3/25/16 Frac stage 5 with 2,016 gals of 15% NEFE HCL acid and 426,400# of proppants. Perf stage 6 from 17,387'-17,591'. Frac stage 6 with 2,952 gals of 15% NEFE HCL acid and 456,760# of proppants. Perf stage 7 from 17,149'-17,350'. Frac stage 7 with 1,764 gals of 15% NEFE HCL acid and 438,420# of proppants.

3/26/16 Perf stage 8 from 16,912'-17,114'. Frac stage 8 with 1,944 gals of 15% NEFE HCL acid and 436,800# of proppants. Perf stage 9 from 16,665'-16,881'. Frac stage 9 with 1,764 gal gals of 15% NEFE HCL acid and 438,900# of proppants. Perf stage 10 from 16,644'-16,444'.

3/27/16 Frac stage 10 with 1,764 gals of 15% NEFE HCL acid and 439,170# of proppants. Perf stage 11 from 16,200'-16,406'. Frac stage 11 1,764 gals of 15% NEFE HCL acid and 439,900# of proppants. Perf stage 12 from 15,963'-16,160'. Frac stage 1,764 gals of 15% NEFE HCL acid and 436,820# of proppant.

3/28/16 Perf stage 13 from 15,726'-15,931'. Frac stage 13 with 1,944 gals of 15% NEFE HCL acid and 440,520# of proppants. Perf stage 14 from 15,489'-15,684'. Frac stage 14 with 1,764 gals of 15% NEFE HCL acid and 440,960# of proppant. Perf stage 15 from 15,521'-15,460'.

3/29/16 Frac stage 15 with 1,764 gals of 15% NEFE HCL acid and 401,860# of proppants. Perf stage 16 15,014'-15,220'. Frac stage 16 with 1,764 gals of 15% NEFE HCL acid and 440,000# of proppants. Perf stage 17 14,776'-14,981'. Frac stage 17 with 1,764 gals of 15% NEFE HCL acid and 162,890# of proppant.

3/31/16 Perf stage 18 from 14,539'-14,746'. Frac stage 18 with 1,764 gals of 15% NEFE HCL acid and 444,890# of proppant. Perf stage 19 from 14,298'-14,509'.

4/2/16 Frac stage 19 with 1,600 gals of 15% NEFE HCL acid and 440,670# of proppants. Perf stage 20 from 14,066'-14,272'. Frac stage 20 with 1,596 gals of 15% NEFE HCL acid and 440,220# proppants. Perf stage 21 from 13,828'-14,034'.

4/3/16 Frac stage 21 with 1,176 gals of 15% NEFE HCL acid and 440,630# of proppants. Perf stage 22 from 13,590'-, 13,797'. Frac stage 22 with 1,112 gals of 15% NEFE HCL acid and 442,140# of proppants.

4/4/16 Perf stage 23 from 13,353'-13,560'. Frac stage 23 with 1,512 gals of 15% NEFE HCL acid and 404,030 # of proppant. Perf stage 24 from 13,188'-13,320'. Frac stage 24 with 1,512 gals of 15% NEFE HCL acid and 300,900# of proppant. Perf stage 25 from 13,058'-13,153'. Frac stage 25 with 1,512 gals of 15% NEFE HCL acid and 450,590# of proppant. Perf stage 26 from 12,775'-, 13,027'.

4/5/16 Frac stage 26 with 2,520 gals of 15% NEFE HCL acid and 477,920# of proppant. Perf stage 27 from 12,450'-12,705'. Frac stage 27 with 1,764 gals of 15% NEFE HCL acid and 449,890# of proppant. Perf

stage 28 from 12,170'-12,421'. Frac stage 28 with 1,764 gals of 15% NEFE HCL acid and 443,150# of proppant.

4/6/16 Perf stage 29 from 11,932'-12,134'. Frac stage 29 with 1,944 gals of 15% NEFE HCL acid and 440,890# of proppant.

4/23/16 Drilled out plugs and circulated hole clean.

4/25/16 ND BOP NU production tree and tested 500#/5 min & 10,000#/15min. Released equipment.

4/28/16 Turned over to production.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

JUL 25 2016

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on reverse side.		5. Lease Serial No. NMLC068282B
		6. If Indian, Allottee or Tribe Name
		7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other	8. Well Name and No. GOLDEN SPUR 36 COM W1 2H	
2. Name of Operator CONOCOPHILLIPS COMPANY	Contact: ASHLEY BERGEN E-Mail: ashley.bergen@conocophillips.com	9. API Well No. 30-015-43375-00-X1
3a. Address MIDLAND, TX 79710 1810	3b. Phone No. (include area code) Ph: 432-688-6938	10. Field and Pool, or Exploratory UNDESIGNATED
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 36 T26S R31E Lot 1 315FSL 570FEL		11. County or Parish, and State EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Production Start-up
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The well above first delivered on 7/7/16.

NM OIL CONSERVATION

ARTESIA DISTRICT

JUL 27 2016

RECEIVED

14. I hereby certify that the foregoing is true and correct. Electronic Submission #344870 verified by the BLM Well Information System For CONOCOPHILLIPS COMPANY, sent to the Carlsbad Committed to AFMSS for processing by JENNIFER SANCHEZ on 07/18/2016 (16JAS1640SE)	
Name (Printed/Typed) ASHLEY BERGEN	Title REGULATORY SPECIALIST
Signature (Electronic Submission)	Date 07/18/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	(BLM Approver Not Specified)	Date 07/18/2016
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Carlsbad

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.

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

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.
NMLC068282B

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator CONOCOPHILLIPS			8. Lease Name and Well No. GOLDEN SPUR 36 COM W1 2H		
3. Address P.O. BOX 51810 MIDLAND, TX 79710			9. API Well No. 30-015-43375		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 36 T26S R31E Mer NMP At surface Lot 1 315FSL 570FEL Sec 36 T26S R31E Mer NMP At top prod interval reported below NENE 382FSL 1070FEL Sec 25 T26S R31E Mer NMP At total depth NENE 68FNL 1075FEL			10. Field and Pool, or Exploratory WOLFCAMP		
14. Date Spudded 10/26/2015			15. Date T.D. Reached 01/10/2016		
16. Date Completed ☐ D & A ☒ Ready to Prod. 07/07/2016			17. Elevations (DF, KB, RT, GL)* 3145 GL		
18. Total Depth: MD 19013 TVD 11868		19. Plug Back T.D.: MD 18904 TVD 11868		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MUD LOG			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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	1024		1085	270	0	
12.250	9.625 L-80	40.0	0	4210		1146	558	0	
8.750	7.625 P-110	29.7	0	11814		855	369	1500	
6.750	5.000 P-110	18.0	0	18992		985	196	11190	

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	11362	18475	11932 TO 18475			PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
11932 TO 18475	TOTAL PROPPANTS=12,341,974# & TOTAL ACID= 54,508 GALLONS

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
07/07/2016	07/07/2016	24	→	226.0	800.0	329.0			GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 5700.0	24 Hr. Rate →	Oil BBL 226	Gas MCF 800	Water BBL 329	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	

Pending BLM approvals will subsequently be reviewed and scanned

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

ELECTRONIC SUBMISSION #344864 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.)
CAPTURED

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	980	2276	MUDSTONE/SILTSTONE	RUSTLER	980
CASTILE	2276	4165	ANHYDRITE/SALT	CASTILE	2276
BELL CANYON	4165	5126	SAND	BELL CANYON	4165
CHERRY CANYON	5126	6517	SAND	CHERRY CANYON	5126
BRUSHY CANYON	6517	8158	SAND	BRUSHY CANYON	6517
BONE SPRING 1ST CARB	8158	9171	CARBONATE	BONE SPRING 1ST CARB	8158
BONE SPRING 1ST SAND	9171	9460	SANDSTONE	BONE SPRING 1ST SAND	9171
BONE SPRING 2ND CARB	9460	9845	CARBONATE	BONE SPRING 2ND CARB	9460

32. Additional remarks (include plugging procedure):

BONE SPRING 2ND SAND 9845'-10242' SAND
BONE SPRING 3RD CARB 10242'-10979' CARBONATE
BONE SPRING 3RD SAND 10979'- 11362' SAND
WOLFCAMP 11362'-11579' SHALE/CARBONATES
WOLFCAMP 1 11579'-18475'

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 #344864 Verified by the BLM Well Information System.
For CONOCOPHILLIPS, sent to the Carlsbad

Name (please print) ASHLEY BERGENTitle REGULATORY SPECIALISTSignature (Electronic Submission)Date 07/18/2016

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.

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

Permian-AVALON-NM East State Plane Zone

GOLDEN SPUR 36 COM W1 2H

MD (ft)	Inc (Deg)	Azim. (Deg)	TVD (ft)	N/S (ft)	E/W (ft)	Y (ft)	X (ft)	DLS (+/100ft)	Comment
0	0	0	0	0 N	0 E	364604.4 N	688807.8 E	0	
13.4	0	0	13.4	0 N	0 E	364604.4 N	688807.8 E	0	
186.4	0.4	64.2	186.399	0.263 N	0.544 E	364604.7 N	688808.3 E	0.231	
364.4	1.3	44.3	364.377	1.978 N	2.513 E	364606.4 N	688810.3 E	0.525	
545.4	0.9	82.7	545.346	3.629 N	5.357 E	364608.1 N	688813.2 E	0.451	
709.4	0.9	106.5	709.326	3.426 N	7.87 E	364607.9 N	688815.7 E	0.226	
888.4	0.5	68.1	888.314	3.318 N	9.942 E	364607.8 N	688817.7 E	0.333	
992.4	1.7	32.4	992.293	4.79 N	11.19 E	364609.2 N	688819 E	1.275	
1040	2.02	30.95	1039.858	6.106 N	12 E	364610.5 N	688819.8 E	0.679	
1082.4	2.3	30	1082.238	7.484 N	12.81 E	364611.9 N	688820.6 E	0.666	
1261.4	1.5	306.3	1261.166	11.982 N	12.717 E	364616.4 N	688820.5 E	1.455	
1441.4	1.5	315.1	1441.105	15.045 N	9.156 E	364619.5 N	688817 E	0.128	
1619.4	1.2	319.3	1619.055	18.109 N	6.296 E	364622.5 N	688814.1 E	0.177	
1798.4	1.2	318	1798.016	20.923 N	3.819 E	364625.4 N	688811.6 E	0.015	
1977.4	2.1	254.7	1976.952	21.45 N	0.599 W	364625.9 N	688807.2 E	1.058	
2156.4	1.6	261.5	2155.859	20.215 N	6.234 W	364624.7 N	688801.6 E	0.305	
2335.4	2.6	218.4	2334.746	16.664 N	11.227 W	364621.1 N	688796.6 E	1.006	
2514.4	3.8	246.2	2513.474	11.088 N	19.177 W	364615.5 N	688788.6 E	1.077	
2693.4	4.5	240	2692.005	5.183 N	30.686 W	364609.6 N	688777.1 E	0.464	
2872.4	4.7	240.2	2870.428	1.972 S	43.131 W	364602.5 N	688764.7 E	0.112	
3051.4	5.1	242.4	3048.774	9.303 S	56.545 W	364595.1 N	688751.3 E	0.247	
3230.4	5.3	227.9	3227.045	18.532 S	69.731 W	364585.9 N	688738.1 E	0.741	
3409.4	5.5	241.5	3405.258	28.168 S	83.404 W	364576.3 N	688724.4 E	0.722	
3588.4	4.6	238	3583.561	36.065 S	97.03 W	364568.4 N	688710.8 E	0.531	
3767.4	5.7	235	3761.836	44.968 S	110.399 W	364559.5 N	688697.4 E	0.632	
3947.4	5.3	230.7	3941.008	55.36 S	124.155 W	364549.1 N	688683.7 E	0.319	
4126.4	5	232.3	4119.285	65.367 S	136.724 W	364539.1 N	688671.1 E	0.186	
4170.4	4.8	235	4163.125	67.595 S	139.749 W	364536.8 N	688668.1 E	0.694	
4266	4.4	237.4	4258.417	71.865 S	146.115 W	364532.6 N	688661.7 E	0.464	
4360	4.3	237.5	4352.146	75.701 S	152.125 W	364528.7 N	688655.7 E	0.107	
4455	4.4	236.7	4446.872	79.616 S	158.174 W	364524.8 N	688649.6 E	0.123	
4550	4.1	239.5	4541.611	83.34 S	164.146 W	364521.1 N	688643.7 E	0.384	
4644	5.2	240.7	4635.3	87.13 S	170.757 W	364517.3 N	688637.1 E	1.175	
4738	6.5	240.1	4728.809	91.867 S	179.084 W	364512.6 N	688628.7 E	1.384	
4832	6.3	240.2	4822.223	97.083 S	188.172 W	364507.4 N	688619.6 E	0.213	
4927	6.2	240	4916.658	102.238 S	197.138 W	364502.2 N	688610.7 E	0.108	
5021	5.9	238.9	5010.134	107.272 S	205.671 W	364497.2 N	688602.1 E	0.342	
5115	5.6	238	5103.661	112.198 S	213.697 W	364492.2 N	688594.1 E	0.333	
5209	5.5	239.5	5197.221	116.914 S	221.468 W	364487.5 N	688586.3 E	0.187	
5304	5.4	237.6	5291.791	121.62 S	229.165 W	364482.8 N	688578.6 E	0.217	
5398	5.4	237.4	5385.374	126.373 S	236.626 W	364478.1 N	688571.2 E	0.02	
5493	5.6	235.6	5479.937	131.4 S	244.216 W	364473 N	688563.6 E	0.278	
5587	5.7	233.1	5573.48	136.794 S	251.734 W	364467.7 N	688556.1 E	0.283	
5681	4.8	233.7	5667.085	141.926 S	258.636 W	364462.5 N	688549.2 E	0.959	
5776	4.7	232.7	5761.759	146.637 S	264.936 W	364457.8 N	688542.9 E	0.137	
5870	4.7	232.2	5855.443	151.331 S	271.042 W	364453.1 N	688536.8 E	0.044	
5964	4.3	234.3	5949.153	155.748 S	276.947 W	364448.7 N	688530.9 E	0.46	
6059	4.1	231.3	6043.898	159.95 S	282.489 W	364444.5 N	688525.3 E	0.313	
6153	3.9	230.8	6137.669	164.071 S	287.589 W	364440.4 N	688520.2 E	0.216	
6248	4.7	237.1	6232.401	168.227 S	293.361 W	364436.2 N	688514.5 E	0.977	
6342	4.7	241	6326.085	172.186 S	299.963 W	364432.3 N	688507.9 E	0.34	
6437	4.3	239.4	6420.792	175.886 S	306.432 W	364428.6 N	688501.4 E	0.441	
6531	3.9	241.1	6514.551	179.225 S	312.264 W	364425.2 N	688495.6 E	0.445	
6626	3.8	238.1	6609.337	182.45 S	317.765 W	364422 N	688490.1 E	0.237	
6720	3.8	236	6703.131	185.838 S	322.992 W	364418.6 N	688484.8 E	0.148	
6814	4.3	242.2	6796.896	189.223 S	328.692 W	364415.2 N	688479.1 E	0.706	
6909	4.4	245.5	6891.622	192.395 S	335.158 W	364412.1 N	688472.7 E	0.284	
7003	4.1	243.7	6985.364	195.379 S	341.452 W	364409.1 N	688466.4 E	0.349	
7098	4.5	242.3	7080.096	198.617 S	347.796 W	364405.8 N	688460 E	0.435	
7192	4.3	242.6	7173.819	201.952 S	354.19 W	364402.5 N	688453.6 E	0.214	
7287	4.8	241.4	7268.52	205.494 S	360.841 W	364399 N	688447 E	0.536	
7381	4.6	241.2	7362.203	209.193 S	367.598 W	364395.3 N	688440.2 E	0.213	
7476	4.1	238.5	7456.93	212.802 S	373.831 W	364391.6 N	688434 E	0.569	
7570	5.4	244.1	7550.605	216.49 S	380.676 W	364388 N	688427.1 E	1.467	
7665	5.1	242.6	7645.207	220.386 S	388.446 W	364384.1 N	688419.4 E	0.347	
7759	5.5	245.3	7738.805	224.191 S	396.248 W	364380.3 N	688411.6 E	0.501	
7853	5.3	245.2	7832.387	227.895 S	404.281 W	364376.6 N	688403.5 E	0.213	
7948	5.3	244.4	7926.981	231.631 S	412.221 W	364372.8 N	688395.6 E	0.078	

Pending BLM approvals will
subsequently be reviewed
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8042	5.1	243.7	8020.594	235.358 S	419.882 W	364369.1 N	688387.9 E	0.223
8136	5.1	244.4	8114.222	239.014 S	427.395 W	364365.4 N	688380.4 E	0.066
8231	4.6	241.2	8208.882	242.674 S	434.542 W	364361.8 N	688373.3 E	0.598
8325	4.4	241.4	8302.592	246.216 S	441.011 W	364358.2 N	688366.8 E	0.213
8420	3.7	240.7	8397.354	249.461 S	446.883 W	364355 N	688360.9 E	0.739
8514	3.6	231.7	8491.164	252.774 S	451.844 W	364351.7 N	688356 E	0.618
8608	3.1	221.3	8585.004	256.513 S	455.838 W	364347.9 N	688352 E	0.835
8703	2.8	220.1	8679.878	260.217 S	459.028 W	364344.2 N	688348.8 E	0.322
8797	2.3	216.3	8773.785	263.494 S	461.624 W	364341 N	688346.2 E	0.561
8892	2.6	228.6	8868.699	266.455 S	464.368 W	364338 N	688343.5 E	0.635
8986	1.7	244	8962.632	268.476 S	467.221 W	364336 N	688340.6 E	1.129
9081	1.9	245.1	9057.585	269.757 S	469.916 W	364334.7 N	688337.9 E	0.214
9175	1.6	236.5	9151.542	271.137 S	472.424 W	364333.3 N	688335.4 E	0.423
9270	1.5	239.4	9246.507	272.502 S	474.6 W	364332 N	688333.2 E	0.134
9367	0.9	226.7	9343.485	273.671 S	476.247 W	364330.8 N	688331.6 E	0.673
9462	0.9	252.1	9438.474	274.412 S	477.5 W	364330 N	688330.3 E	0.417
9556	1.1	248	9532.46	274.977 S	479.039 W	364329.5 N	688328.8 E	0.226
9650	0.8	260.1	9626.447	275.428 S	480.522 W	364329 N	688327.3 E	0.382
9745	0.8	7.8	9721.442	274.885 S	481.086 W	364329.6 N	688326.7 E	1.36
9839	1.2	3.3	9815.427	273.252 S	480.94 W	364331.2 N	688326.9 E	0.433
9934	1.2	9.8	9910.406	271.279 S	480.713 W	364333.2 N	688327.1 E	0.143
10028	0.9	7.5	10004.39	269.577 S	480.449 W	364334.9 N	688327.4 E	0.322
10123	1	331.7	10099.38	268.107 S	480.745 W	364336.3 N	688327.1 E	0.623
10217	0.6	316.7	10193.37	267.027 S	481.472 W	364337.4 N	688326.4 E	0.477
10312	0.3	313	10288.37	266.495 S	481.995 W	364338 N	688325.8 E	0.317
10406	0.4	285.8	10382.36	266.238 S	482.49 W	364338.2 N	688325.3 E	0.203
10501	0.3	219.1	10477.36	266.341 S	482.966 W	364338.1 N	688324.9 E	0.415
10595	0.3	271.4	10571.36	266.526 S	483.367 W	364337.9 N	688324.5 E	0.281
10690	0.6	250.3	10666.36	266.687 S	484.084 W	364337.8 N	688323.7 E	0.356
10784	0.3	357.9	10760.36	266.607 S	484.557 W	364337.8 N	688323.3 E	0.795
10879	0.3	358.5	10855.36	266.11 S	484.572 W	364338.3 N	688323.3 E	0.003
10973	0.6	352.5	10949.35	265.376 S	484.643 W	364339.1 N	688323.2 E	0.323
11068	0.4	298.9	11044.35	264.723 S	484.998 W	364339.7 N	688322.8 E	0.51
11162	0.3	239.9	11138.35	264.687 S	485.498 W	364339.8 N	688322.3 E	0.378
11193	0.4	226.2	11169.35	264.803 S	485.647 W	364339.7 N	688322.2 E	0.418
11225	0.7	329.8	11201.35	264.711 S	485.826 W	364339.7 N	688322 E	2.763
11241	2.65	342.82	11217.34	264.274 S	485.984 W	364340.2 N	688321.8 E	12.339
11256	4.5	344.7	11232.31	263.375 S	486.242 W	364341.1 N	688321.6 E	12.356
11287	9.1	347.9	11263.08	259.803 S	487.077 W	364344.7 N	688320.7 E	14.883
11319	12.8	350.3	11294.5	253.832 S	488.205 W	364350.6 N	688319.6 E	11.647
11350	15.2	352	11324.57	246.422 S	489.35 W	364358 N	688318.5 E	7.854
11382	17.3	351.9	11355.29	237.556 S	490.604 W	364366.9 N	688317.2 E	6.563
11413	20.2	349.8	11384.64	227.723 S	492.202 W	364376.7 N	688315.6 E	9.603
11445	22.6	349.5	11414.44	216.238 S	494.301 W	364388.2 N	688313.5 E	7.508
11476	24.7	348.4	11442.83	204.035 S	496.689 W	364400.4 N	688311.1 E	6.922
11508	27.5	349.1	11471.56	190.228 S	499.431 W	364414.2 N	688308.4 E	8.803
11539	30.9	350.9	11498.62	175.336 S	502.044 W	364429.1 N	688305.8 E	11.327
11571	33.7	353.6	11525.67	158.396 S	504.334 W	364446.1 N	688303.5 E	9.841
11602	36.3	356.3	11551.06	140.689 S	505.885 W	364463.8 N	688301.9 E	9.76
11634	38.4	358.5	11576.5	121.298 S	506.756 W	364483.1 N	688301.1 E	7.775
11665	40.8	359	11600.38	101.544 S	507.185 W	364502.9 N	688300.6 E	7.81
11697	44.1	0	11623.99	79.95 S	507.368 W	364524.5 N	688300.5 E	10.526
11728	47.5	1.9	11645.6	57.735 S	506.989 W	364546.7 N	688300.8 E	11.814
11760	50.3	3	11666.64	33.646 S	505.953 W	364570.8 N	688301.9 E	9.125
11851	56.9	4	11720.61	39.419 N	501.457 W	364643.9 N	688306.4 E	7.306
11883	61.9	2	11736.89	66.915 N	500.028 W	364671.4 N	688307.8 E	16.524
11914	67.5	2.4	11750.14	94.91 N	498.951 W	364699.3 N	688308.9 E	18.102
11946	72.7	3.4	11761.03	124.949 N	497.425 W	364729.4 N	688310.4 E	16.513
11977	75.3	3.7	11769.57	154.689 N	495.579 W	364759.1 N	688312.2 E	8.439
12009	76.6	4.3	11777.34	185.655 N	493.413 W	364790.1 N	688314.4 E	4.451
12040	76.9	4.2	11784.44	215.747 N	491.177 W	364820.2 N	688316.6 E	1.017
12071	78	4.9	11791.18	245.91 N	488.776 W	364850.3 N	688319 E	4.177
12103	78.6	4.7	11797.67	277.135 N	486.154 W	364881.6 N	688321.7 E	1.972
12134	78.7	4	11803.77	307.441 N	483.849 W	364911.9 N	688324 E	2.237
12166	79.9	3.6	11809.71	338.815 N	481.765 W	364943.2 N	688326.1 E	3.946
12197	82	2.7	11814.59	369.381 N	480.084 W	364973.8 N	688327.7 E	7.356
12229	85.4	1.3	11818.1	401.163 N	478.975 W	365005.6 N	688328.8 E	11.48
12260	88.2	0.3	11819.83	432.108 N	478.544 W	365036.5 N	688329.3 E	9.589
12323	91.9	0.1	11819.77	495.096 N	478.324 W	365099.5 N	688329.5 E	5.882
12417	92.6	0.2	11816.08	589.023 N	478.078 W	365193.4 N	688329.7 E	0.752
12512	89.8	359	11814.09	683.989 N	478.741 W	365288.4 N	688329.1 E	3.206
12606	89.2	0	11814.91	777.98 N	479.562 W	365382.4 N	688328.3 E	1.241
12701	89.2	359.7	11816.24	872.97 N	479.81 W	365477.4 N	688328 E	0.316

12795	89.4	359.7	11817.39	966.962 N	480.303 W	365571.4 N	688327.5 E	0.213
12890	86.9	358.5	11820.46	1061.891 N	481.793 W	365666.3 N	688326 E	2.919
12984	87.8	358.5	11824.8	1155.758 N	484.251 W	365760.1 N	688323.6 E	0.957
13078	87	356.7	11829.07	1249.574 N	488.183 W	365854 N	688319.6 E	2.094
13172	87	357.6	11833.99	1343.328 N	492.85 W	365947.7 N	688315 E	0.956
13267	86.4	357.6	11839.45	1438.087 N	496.822 W	366042.5 N	688311 E	0.632
13361	90.2	358.1	11842.24	1531.962 N	500.346 W	366136.3 N	688307.5 E	4.077
13455	89.7	356.1	11842.32	1625.836 N	505.101 W	366230.2 N	688302.7 E	2.193
13549	89.7	356.2	11842.82	1719.623 N	511.412 W	366324 N	688296.4 E	0.106
13644	91.6	359.2	11841.74	1814.525 N	515.225 W	366418.9 N	688292.6 E	3.738
13738	92.3	358.4	11838.54	1908.449 N	517.192 W	366512.8 N	688290.6 E	1.13
13833	89.5	359.7	11837.05	2003.412 N	518.766 W	366607.8 N	688289.1 E	3.249
13927	89.1	358.8	11838.2	2097.396 N	519.996 W	366701.7 N	688287.8 E	1.048
14021	91.1	358.9	11838.03	2191.372 N	521.883 W	366795.7 N	688285.9 E	2.13
14115	93.1	1.7	11834.59	2285.294 N	521.393 W	366889.6 N	688286.4 E	3.659
14210	93.5	2.7	11829.12	2380.065 N	517.752 W	366984.4 N	688290.1 E	1.132
14304	91.5	2.5	11825.02	2473.874 N	513.492 W	367078.2 N	688294.3 E	2.138
14399	89.5	1.1	11824.19	2568.816 N	510.509 W	367173.1 N	688297.3 E	2.57
14493	87.5	0.8	11826.65	2662.766 N	508.951 W	367267.1 N	688298.9 E	2.151
14588	87	359.5	11831.21	2757.654 N	508.702 W	367362 N	688299.1 E	1.465
14682	88.5	0.2	11834.9	2851.578 N	508.948 W	367455.9 N	688298.9 E	1.761
14776	89.1	359.3	11836.87	2945.555 N	509.358 W	367549.8 N	688298.5 E	1.151
14871	88.8	358.9	11838.61	3040.527 N	510.85 W	367644.8 N	688297 E	0.526
14965	88.8	358	11840.58	3134.471 N	513.392 W	367738.8 N	688294.4 E	0.957
15059	89.4	356.8	11842.05	3228.361 N	517.655 W	367832.6 N	688290.2 E	1.427
15154	90.2	357.6	11842.39	3323.245 N	522.296 W	367927.5 N	688285.5 E	1.191
15248	89	357.7	11843.04	3417.162 N	526.15 W	368021.4 N	688281.7 E	1.281
15342	89.8	0.2	11844.03	3511.133 N	527.872 W	368115.4 N	688280 E	2.792
15437	89.2	359.7	11844.86	3606.129 N	527.955 W	368210.4 N	688279.9 E	0.822
15531	88.3	1.4	11846.91	3700.098 N	527.053 W	368304.4 N	688280.8 E	2.046
15625	88.4	0	11849.61	3794.049 N	525.906 W	368398.3 N	688281.9 E	1.493
15719	87.3	1.6	11853.14	3887.969 N	524.595 W	368492.2 N	688283.2 E	2.065
15813	87.6	0.4	11857.32	3981.86 N	522.956 W	368586.1 N	688284.9 E	1.315
15908	87	1.2	11861.8	4076.744 N	521.631 W	368681 N	688286.2 E	1.052
16002	87.2	1.2	11866.55	4170.603 N	519.665 W	368774.8 N	688288.2 E	0.213
16097	89.5	1.3	11869.29	4265.535 N	517.594 W	368869.8 N	688290.2 E	2.423
16191	88.4	359.6	11871.01	4359.511 N	516.855 W	368963.7 N	688291 E	2.154
16285	87.6	358.6	11874.29	4453.44 N	518.331 W	369057.7 N	688289.5 E	1.362
16380	88.8	357.9	11877.27	4548.347 N	521.23 W	369152.6 N	688286.6 E	1.462
16474	89.1	359.1	11879	4642.297 N	523.691 W	369246.5 N	688284.1 E	1.316
16569	88.7	358.1	11880.82	4737.25 N	526.011 W	369341.5 N	688281.8 E	1.134
16663	89	357.9	11882.71	4831.174 N	529.291 W	369435.4 N	688278.5 E	0.384
16758	90.9	359.4	11882.79	4926.14 N	531.529 W	369530.3 N	688276.3 E	2.548
16853	92	358.9	11880.39	5021.097 N	532.938 W	369625.3 N	688274.9 E	1.272
16947	93.3	359.4	11876.04	5114.984 N	534.331 W	369719.2 N	688273.5 E	1.482
17041	91.9	357.8	11871.78	5208.854 N	536.626 W	369813 N	688271.2 E	2.26
17136	92	357.5	11868.54	5303.719 N	540.519 W	369907.9 N	688267.3 E	0.333
17230	90.5	357.2	11866.49	5397.593 N	544.864 W	370001.8 N	688263 E	1.627
17324	87.3	357.1	11868.3	5491.448 N	549.536 W	370095.6 N	688258.3 E	3.406
17419	89.4	1.1	11871.03	5586.372 N	551.026 W	370190.5 N	688256.8 E	4.754
17513	90.3	2.3	11871.28	5680.328 N	548.237 W	370284.5 N	688259.6 E	1.596
17607	90.4	2.4	11870.71	5774.247 N	544.383 W	370378.4 N	688263.4 E	0.15
17702	90.6	1.7	11869.88	5869.182 N	540.985 W	370473.3 N	688266.8 E	0.766
17796	90.6	1.5	11868.89	5963.14 N	538.36 W	370567.3 N	688269.5 E	0.213
17890	90.5	2.6	11867.99	6057.074 N	534.998 W	370661.2 N	688272.8 E	1.175
17984	88.7	2.8	11868.65	6150.963 N	530.57 W	370755.1 N	688277.3 E	1.927
18079	88.2	2	11871.22	6245.844 N	526.593 W	370850 N	688281.2 E	0.993
18173	87.4	2.6	11874.82	6339.698 N	522.824 W	370943.8 N	688285 E	1.064
18267	89.4	2.8	11877.45	6433.552 N	518.398 W	371037.7 N	688289.4 E	2.138
18362	89.7	2.9	11878.2	6528.432 N	513.674 W	371132.5 N	688294.2 E	0.333
18456	91.4	3.8	11877.29	6622.262 N	508.182 W	371226.4 N	688299.6 E	2.046
18551	91	2	11875.3	6717.116 N	503.377 W	371321.2 N	688304.4 E	1.941
18645	92.8	2.6	11872.19	6810.984 N	499.607 W	371415.1 N	688308.2 E	2.018
18739	91.5	0.4	11868.66	6904.878 N	497.149 W	371509 N	688310.7 E	2.717
18833	89.9	358.2	11867.51	6998.855 N	498.298 W	371602.9 N	688309.5 E	2.894
18949	89.8	357.7	11867.82	7114.78 N	502.447 W	371718.9 N	688305.4 E	0.44
19013	89.8	357.7	11868.04	7178.728 N	505.016 W	371782.8 N	688302.8 E	

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