STATE OF NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES OIL CONSERVATION DIVISION

APPLICATION OF LONGFELLOW ENERGY, LP FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

Case No. 22021



Bonzo Federal Com 1924CDX 001H, 002H, 003H, 004H, 005H, and 006H

October 7, 2021

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Tab 1.

COMPULSORY POOLING	
BE SUPPORTED BY SIGNED AFFIDAVITS	
3 Case: 22021	APPLICANT'S RESPONSE
4 Date	October 7, 2021
s Applicant	Longfellow Energy, LP
Designated Operator & OGRID (affiliation if applicable)	372210
Applicant's Counsel:	Montgomery & Andrews, P.A. (Sharon Shaheen & Ricardo Gonzales)
Case Title:	Application of Longfellow Energy, LP for Compulsory Pooling, Eddy County, New Mexico
Entries of Appearance/Intervenors:	ConocoPhillips Co.; Spur Energy Partners, LLC
Well Family	Bonzo Federal Com 1924CDX
Formation/Pool	
Formation Name(s) or Vertical Extent:	Yeso Formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Yeso Formation
Pool Name and Pool Code:	Red Lake; Glorieta-Yeso [96836]
Well Location Setback Rules:	Statewide Rules
Spacing Unit Size:	480 acres, more or less
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	480 acres, more or less
Building Blocks:	Quarter-quarter section (40 ac)
Orientation:	East-West
Description: TRS/County	S/2 of Section 19-17S-28E and SE/4 of Section 24-17S-27E
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	See Exhibit A-4
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	N/A
Applicant's Ownership in Each Tract	Tract 1a = 0.00%, Tract 1b = 50.00%, Tract 2 = 100.00%, Tract 3 = 100.00%; see
9	Exhibits A-2 & A-4
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	
Well #1	Bonzo Federal Com 1924CDX 001H, API 30-015-PENDING SHL: 1397' FSL and 415' FWL of Section 20, T-17S-R28E BHL: 2272' FSL and 2607' FEL of Section 24, T17S-R27E Completion Target: Yeso at approximately 3,450' Well Orientation: East to West Completion expected to be standard
Horizontal Well First and Last Take Points	FTP (~2285' FSL and 100' FEL of Section 19, T17S-R28E); LTP (~2272' FSL and 2527' FEL of Section 24, T17S-R27E)

B
Yeso Formation - TVD (~ 3,450'), MD (~ 11,900')
Bonzo Federal Com 1924CDX 002H, API 30-015-PENDING SHL: 1372' FSL and 415' FWL of Section 20, T-17S-R28E BHL: 1846' FSL and 2609' FEL of Section 24, T17S-R27E Completion Target: Yeso at approximately 3,950' Well Orientation: East to West
Completion expected to be standard FTP (~1859' FSL and 100' FEL of Section 19, T17S-R28E); LTP (~1846' FSL and 2529' FEL of Section 24, T17S-R27E)
Yeso Formation - TVD (~ 3,900'), MD (~ 12,300')
Bonzo Federal Com 1924CDX 003H, API# 30-015-PENDING
SHL: 1347' FSL and 415' FWL of Section 20, T-17S-R28E BHL: 1400' FSL and 2610' FEL of Section 24, T17S-R27E Completion Target: Yeso at approximately 3,450' Well Orientation: East to West Completion expected to be standard
FTP (~1413' FSL and 100' FEL of Section 19, T17S-R28E); LTP (~1400' FSL and 2530' FEL of Section 24, T17S-R27E)
Yeso Formation - TVD (~ 3,450'), MD (~ 11,750')
Bonzo Federal Com 1924CDX 004H, API# 30-015-PENDING SHL: 1322' FSL and 415' FWL of Section 20, T-17S-R28E BHL: 994' FSL and 2612' FEL of Section 24, T17S-R27E Completion Target: Yeso at approximately 3,950' Well Orientation: East to West Completion expected to be standard
FTP (~1007' FSL and 100' FEL of Section 19, T17S-R28E); LTP (~994' FSL and 2532' FEL of Section 24, T17S-R27E)
Yeso Formation - TVD (~ 3,950'), MD (~ 12,250')
Bonzo Federal Com 1924CDX 005H, API# 30-015-PENDING SHL: 1297' FSL and 415' FWL of Section 20, T-17S-R28E BHL: 570' FSL and 2614' FEL of Section 24, T17S-R27E Completion Target: Yeso at approximately 3,450' Well Orientation: East to West Completion expected to be standard FTP (~581' FSL and 100' FEL of Section 19, T17S-R28E);
LTP (~570' FSL and 2534' FEL of Section 24, T17S-R27E)
Yeso Formation - TVD (~ 3,450'), MD (~ 11,850')
Bonzo Federal Com 1924CDX 006H, API# 30-015-PENDING SHL: 1272' FSL and 415' FWL of Section 20, T-17S-R28E BHL: 142' FSL and 2615' FEL of Section 24, T17S-R27E Completion Target: Yeso at approximately 3,950' Well Orientation: East to West Completion expected to be standard
FTP (~155' FSL and 100' FEL of Section 19, T17S-R28E); LTP (~142' FSL and 2535' FEL of Section 24, T17S-R27E)
Yeso Formation - TVD (~ 3,950'), MD (~ 12,450')

_	A	B B
r	8	D
51	Drilling Supervision/Month \$	\$8,000; see Exhibit A, Paragraph 18
52	Production Supervision/Month \$	\$800; see Exhibit A, Paragraph 18
53	Justification for Supervision Costs	Please see AFE at Exhibit A-7
54	Requested Risk Charge	200%; see Exhibit A, Paragraph 19
55	Notice of Hearing	
56	Proposed Notice of Hearing	Submitted with online filing of Application
57	Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit C; see Exhibit A-8
58	Proof of Published Notice of Hearing (10 days before hearing)	Exhibit C
59	Ownership Determination	
60	Land Ownership Schematic of the Spacing Unit	See Exhibits A-2, A-3 & A-4
61	Tract List (including lease numbers and owners)	Exhibits A-2, A-3 & A-4
62	Pooled Parties (including ownership type)	Exhibit A-4
63	Unlocatable Parties to be Pooled	None
Г	Ownership Depth Severance (including percentage above &	
	below)	See Exhibit A-4
\vdash	Joinder	
	Sample Copy of Proposal Letter	Exhibit A-7
\vdash	List of Interest Owners	Exhibit A-4
	Chronology of Contact with Non-Joined Working Interests	Exhibit A-5
	Overhead Rates In Proposal Letter	See Exhibit A-7
70	Cost Estimate to Drill and Complete	See AFE at Exhibit A-7
71	Cost Estimate to Equip Well	See AFE at Exhibit A-7
72	Cost Estimate for Production Facilities	See AFE at Exhibit A-7
73	Geology	
74	Summary (including special considerations)	Exhibit B-1
75	Spacing Unit Schematic	Amended Exhibit B-3
76	Gunbarrel/Lateral Trajectory Schematic	Exhibit B-7
77	Well Orientation (with rationale)	Exhibit B-1
78	Target Formation	Exhibits B-4 & B-6 and Amended Exhibit B-5
79	HSU Cross Section	Exhibit B-6
80	Depth Severance Discussion	See Exhibit A-4
81	Forms, Figures and Tables	
82	C-102	Exhibit A-6
83	Tracts	Exhibit A-2
84	Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-2, A-3 & A-4
85	General Location Map (including basin)	Exhibit A-1
86	Well Bore Location Map	Exhibit B-3
87	Structure Contour Map - Subsea Depth	Exhibit B-2

	А	В
88	Cross Section Location Map (including wells)	Exhibit B-5
89	Cross Section (including Landing Zone)	Exhibit B-6
90	Additional Information	
91	Special Provisions/Stipulations	
	CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
93	Printed Name (Attorney or Party Representative):	Sharon Shaheen
94	Signed Name (Attorney or Party Representative):	Tharm I Shakeen
95	Date:	9/30/2021

Tab 2.

STATE OF NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES OIL CONSERVATION DIVISION

APPLICATION OF LONGFELLOW ENERGY, LP FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

APPLICATION

Longfellow Energy, LP, OGRID No. 372210 ("Longfellow"), through its undersigned counsel Montgomery & Andrews, P.A. (Sharon T. Shaheen and Ricardo S. Gonzales), hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all mineral interests in the Yeso formation (Red Lake; Glorieta-Yeso [96836]) in a standard 480-acre, more or less, horizontal spacing and proration unit ("HSU") comprised of the S/2 of Section 19, Township 17 South, Range 28 East, and the SE/4 of Section 24, Township 17 South, Range 27 East, NMPM, in Eddy County, New Mexico. In support of its application, Longfellow states as follows:

- 1. Longfellow is a working interest owner in the proposed HSU and has the right to drill thereon.
- 2. Longfellow proposes to drill the following 1.5-mile wells in the proposed HSU: (1) Bonzo Federal Com 1924CDX 001H well, to be horizontally drilled from an approximate surface hole location 1397' FSL and 415' FWL of Section 20, T-17S-R28E, to an approximate bottom hole location 2272' FSL and 2607' FEL of Section 24, T17S-R27E ("Bonzo 1H"); (2) Bonzo Federal Com 1924CDX 002H well, to be horizontally drilled from an approximate surface hole location 1372' FSL and 415' FWL of Section 20, T-17S-R28E, to an approximate bottom hole location 1846' FSL and 2609' FEL of Section 24, T17S-R27E ("Bonzo 2H"); (3) Bonzo Federal

Com 1924CDX 003H well, to be horizontally drilled from an approximate surface hole location 1347' FSL and 415' FWL of Section 20, T-17S-R28E, to an approximate bottom hole location 1400' FSL and 2610' FEL of Section 24, T17S-R27E ("Bonzo 3H"); (4) Bonzo Federal Com 1924CDX 004H well, to be horizontally drilled from an approximate surface hole location 1322' FSL and 415' FWL of Section 20, T-17S-R28E, to an approximate bottom hole location 994' FSL and 2612' FEL of Section 24, T17S-R27E ("Bonzo 4H"); (5) Bonzo Federal Com 1924CDX 005H well, to be horizontally drilled from an approximate surface hole location 1297' FSL and 415' FWL of Section 20, T-17S-R28E, to an approximate bottom hole location 570' FSL and 2614' FEL of Section 24, T17S-R27E ("Bonzo 5H"), and; (6) Bonzo Federal Com 1924CDX 006H well, to be horizontally drilled from an approximate surface hole location 1272' FSL and 415' FWL of Section 20, T-17S-R28E, to an approximate surface hole location 1272' FSL and 415' FWL of Section 20, T-17S-R28E, to an approximate bottom hole location 142' FSL and 415' FWL of Section 20, T-17S-R28E, to an approximate bottom hole location 142' FSL and 415' FEL of Section 24, T17S-R27E ("Bonzo 6H").

- 3. The first and last take points for the proposed wells will meet the setback requirements set forth in the statewide rules for horizontal oil wells. The completed laterals for the Bonzo 1H, 2H, 3H, 4H, and 5H comply with the standard setbacks. The completed lateral proposed for the Bonzo 6H does not satisfy the standard setback. Longfellow will be seeking administrative approval of a non-standard location ("NSL") for the Bonzo 6H. In an abundance of caution, on today's date, Longfellow will also file a separate application for hearing seeking Division approval of the NSL, which will be heard on the July 1, 2021 docket, if objections are timely made to the NSL administrative application.
- 4. Longfellow has in good faith sought and been unable to obtain voluntary agreement for the development of these lands from all of the mineral interest owners in the HSU.

- 5. Approval of the HSU and the pooling of all mineral interest owners in the Yeso formation underlying the HSU will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.
- 6. In order to permit Longfellow to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted interests in this HSU should be pooled and Longfellow should be designated the operator of the HSU.

WHEREFORE, Longfellow requests that this application be set for hearing before an Examiner of the Oil Conservation Division on July 1, 2021, and that, after notice and hearing as required by law, the Division enter an order:

- A. Creating a standard 480-acre, more or less, HSU comprised of the S/2 of Section 19, Township 17 South, Range 28 East, and the SE/4 of Section 24, Township 17 South, Range 27 East, NMPM, in Eddy County, New Mexico;
 - B. Pooling all mineral interests in the Yeso formation underlying the HSU;
- C. Allowing the drilling of the following 1.5-mile wells in the proposed HSU: Bonzo Federal Com 1924CDX 001H, Bonzo Federal Com 1924CDX 002H, Bonzo Federal Com 1924CDX 003H, Bonzo Federal Com 1924CDX 004H, Bonzo Federal Com 1924CDX 005H, and Bonzo Federal Com 1924CDX 006H;
 - D. Designating Longfellow as operator of the HSU and the wells to be drilled thereon;
- E. Authorizing Longfellow to recover its costs of drilling, equipping and completing the wells;
- F. Approving the operating charges and costs of supervision while drilling of \$8,000/month and, after completion, \$800/month, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and

G. Imposing a 200% penalty for the risk assumed by Longfellow in drilling and completing the well against any interest owner who does not voluntarily participate in the drilling of the well.

Respectfully submitted,

MONTGOMERY & ANDREWS, P.A.

/s/ Sharon T. Shaheen
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Attorneys for Longfellow Energy, LP

Tab 3.

STATE OF NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES OIL CONSERVATION DIVISION

APPLICATION OF LONGFELLOW ENERGY, LP FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

Case No. 22021

AFFIDAVIT OF LANDMAN RYAN REYNOLDS

I, being duly sworn on oath, state the following:

- 1. I am over the age of 18 and have the capacity to execute this direct written testimony, which is based on my personal knowledge.
- 2. I am a landman employed as Land Manager with Longfellow Energy, LP ("Longfellow"), and I am familiar with the subject applications and the lands involved.
 - 3. This testimony is submitted in connection with the above-referenced application.
- 4. I have previously testified before the New Mexico Oil Conservation Division as an expert witness in petroleum land matters. My credentials as a petroleum landman have been accepted by the Division and made a matter of record previously. My education and work experience are as follows: I graduated from the University of Oklahoma in 2011 with a Bachelor of Arts & Sciences degree in Biomedical Science and Personal Health. I have been employed with Longfellow since 2017. Prior to being employed by Longfellow, I worked as a Landman, Project Manager and Land Manager in various states since 2010. I have been working on New Mexico oil and gas matters for approximately 4 years.
- 5. In Case No. 22021, Longfellow seeks an order pooling all uncommitted interests in the Yeso formation (Red Lake; Glorieta-Yeso [96836]) in a standard 480-acre, more or less, horizontal spacing and proration unit ("HSU") comprised of the S/2 of Section 19, Township 17

South, Range 28 East, and the SE/4 of Section 24, Township 17 South, Range 27 East, NMPM, in Eddy County, New Mexico. Longfellow proposes to drill the following 1.5-mile wells in the proposed HSU:

- a. **Bonzo Federal Com 1924CDX 001H**, to be horizontally drilled from an approximate surface hole location 1397' FSL and 415' FWL of Section 20, T-17S-R28E, to an approximate bottom hole location 2272' FSL and 2607' FEL of Section 24, T17S-R27E ("Bonzo 1H"). The first take point will be located at approximately 2285' FSL and 100' FEL of Section 19, T17S-R28E. The last take point will be located at approximately 2272' FSL and 2527' FEL of Section 24, T17S-R27E.
- b. **Bonzo Federal Com 1924CDX 002H** well, to be horizontally drilled from an approximate surface hole location 1372' FSL and 415' FWL of Section 20, T-17S-R28E, to an approximate bottom hole location 1846' FSL and 2609' FEL of Section 24, T17S-R27E ("Bonzo 2H"). The first take point will be located at approximately 1859' FSL and 100' FEL of Section 19, T17S-R28E. The last take point will be located at approximately 1846' FSL and 2529' FEL of Section 24, T17S-R27E.
- c. **Bonzo Federal Com 1924CDX 003H** well, to be horizontally drilled from an approximate surface hole location 1347' FSL and 415' FWL of Section 20, T-17S-R28E, to an approximate bottom hole location 1400' FSL and 2610' FEL of Section 24, T17S-R27E ("Bonzo 3H"). The first take point will be located at approximately 1413' FSL and 100' FEL of Section 19, T17S-R28E. The last take point will be located at approximately 1400' FSL and 2530' FEL of Section 24, T17S-R27E.
- d. **Bonzo Federal Com 1924CDX 004H** well, to be horizontally drilled from an approximate surface hole location 1322' FSL and 415' FWL of Section 20, T-17S-

- R28E, to an approximate bottom hole location 994' FSL and 2612' FEL of Section 24, T17S-R27E ("Bonzo 4H"). The first take point will be located at approximately 1007' FSL and 100' FEL of Section 19, T17S-R28E. The last take point will be located at approximately 994' FSL and 2532' FEL of Section 24, T17S-R27E.
- e. **Bonzo Federal Com 1924CDX 005H** well, to be horizontally drilled from an approximate surface hole location 1297' FSL and 415' FWL of Section 20, T-17S-R28E, to an approximate bottom hole location 570' FSL and 2614' FEL of Section 24, T17S-R27E ("Bonzo 5H"). The first take point will be located at approximately 581' FSL and 100' FEL of Section 19, T17S-R28E. The last take point will be located at approximately 570' FSL and 2534' FEL of Section 24, T17S-R27E.
- f. **Bonzo Federal Com 1924CDX 006H** well, to be horizontally drilled from an approximate surface hole location 1272' FSL and 415' FWL of Section 20, T-17S-R28E, to an approximate bottom hole location 142' FSL and 2615' FEL of Section 24, T17S-R27E ("Bonzo 6H"). The first take point will be located at approximately 155' FSL and 100' FEL of Section 19, T17S-R28E. The last take point will be located at approximately 142' FSL and 2535' FEL of Section 24, T17S-R27E.
- 6. The first and last take points for the proposed wells will meet the setback requirements set forth in the statewide rules for horizontal oil wells. The completed laterals for the Bonzo 1H through 5H wells comply with the standard setbacks. The completed lateral for the Bonzo 6H does not satisfy the standard setback. Longfellow received NSL approval for the Bonzo 6H in Administrative Order NSL-8185.
 - 7. A general location map is attached as **Exhibit A-1**.

- 8. A map illustrating the tracts in the proposed HSU and the ownership of each individual tract can be found in the exhibit package as **Exhibit A-2**.
- 9. A map illustrating the unit ownership can be found in the exhibit package as **Exhibit A-3**.
- 10. The ownership breakdown of interests and a list of parties to be pooled can be found at **Exhibit A-4.**
 - 11. A depth severance does not exist.
- 12. A chronology of contacts with the non-joined working interest owners is attached as **Exhibit A-5**.
- 13. The location of the proposed wells within the respective HSU is depicted in the draft C-102 Forms attached as **Exhibit A-6**. The draft C-102 Forms also indicate the locations of each surface hole, bottom hole, and the first and last take points.
- 14. I have conducted a diligent search of the public records in Eddy County, New Mexico, where the wells will be located, and conducted phone directory and computer searches to obtain contact information for parties entitled to notification. I mailed all parties a well proposal, including an Authorization for Expenditure ("AFE"), for each well.
- 15. **Exhibit A-7** is a copy of the well proposal letter and AFEs for the proposed wells that were attached thereto. The estimated costs of the wells set forth in the AFEs are fair, reasonable, and comparable to the costs of other wells of similar depths and lengths drilled in this area of New Mexico.
- 16. **Exhibit A-8** includes a copy of the notice letter that was sent with the Application to all of the uncommitted interest owners in the proposed HSU.

- 17. Longfellow has made a good faith effort to obtain voluntary joinder of the working interest owners in the proposed wells.
- 18. Longfellow requests the Division to approve operating charges and costs of supervision while drilling of \$8,000/month and, after completion, \$800/month, together with a provision adjusting the rates pursuant to the COPAS accounting procedures.
- 19. Longfellow requests the maximum cost, plus 200% risk charge, be assessed against non-consenting working interest owners.
 - 20. Longfellow requests that it be designated operator of the wells.
- 21. The exhibits attached hereto were prepared by me, or compiled from Longfellow's business records.
- 22. The granting of the Application is in the interests of conservation, the prevention of waste, and the protection of correlative rights.
 - 23. The foregoing is correct and complete to the best of my knowledge and belief.

FURTHER AFFIANT SAYETH NAUGHT

Ryan Reynolds

STATE OF TEXAS))ss

COUNTY OF DALLAS)

Subscribed to and sworn before me this 30th day of September, 2021.

Notary Public

My Commission expires

12/19/2023

CARMELLA SMITH
Notary Public, State of Texas
Comm. Expires 12-19-2023
Notary ID 6181222

Tab 4.

Rec	eived	by OC	CD: 1	0/5/20	STAKE	21:5:	5 PM	Yoakum	Springs Dies	3719#			62 Galnes			Exhibit A-1	Longfellow Energy, LP	October 7, 2021	3	85	Winkler 3394 ft Ector	GEBCO, USGS, FAO, NPS, NPCANI METI, Esri China (Hong Kong) Legend	123
1E 043 26E 043	068 27E 068 28E 068 29E 068 30E 068 31E 068 32E 068 33E 068 34E 068 35E 068 36E 068 37E 38E	07S 27E 07S 28E 07S 29E 07S 30E 07S 31E 07S 32E 07S 33E 07S 35E 07S 35E 07S 35E 07S 36E 07S 37E 38E	08S 27E 08S 28E 08S 29E 08S 30E 08S 31E 08S 32E 08S 33E 08S 34E 08S 35E 08S 35E 08S 37E 38E	09S 27E 09S 28E 09S 29E 09S 30E 09S 31E 09S 32E 09S 33E 09S 34E 09S 35E 09S 35E 09S 35E 09S 35E	10S 27E 10S 28E 10S 29E 10S 30E 10S 31E 10S 32E 10S 33E 10S 34E 10S 35E 10S 35E 10S 37E 10S 37E	27E 11S 28E 11S 29E 11S 30E 11S 31E 11S 32E 11S 34E 11S 34E 11S 35E 11S 36E 11S 37E 11S 38E	12S 27E 12S 28E 12S 29E 12S 30E 12S 31E 12S 32E 12S 33E 12S 34E 12S 35E 12S 36E 12S 37E 12S 38E	138 27E 138 28E 138 29E 138 30E 138 31E 138 32E 138 34E 138 35E 138 36E 138 37E 38E	27E 145 28E 145 29E 145 30E 145 31E 145 32E 145 33E 145 34E 145 35E 145 35E 145 36E 145 37E 38E	27E 15S 28E 15S 29E 15S 30E 45891E 15S 32E 15S 34E 15S 35E 15S 36E 15S 37E	16S 28E 16S 29E 16S 30E 16S 31E 16S 32E 16S 34E 16S 35E 16S 36E 16S 37E 16S 39E	LYS 28E 17S 29E 17S 30E 17S 31E 17S 32E 17S 33E 17S 34E 17S 35E 17S 36E 17S 37E 17S 38E	18S 28E 18S 29E 18S 30E 18S 31E 18S 32E 18S 33E 18S 34E 18S 35E 18S 36E 18S 37E 18S 37E 18S 39E	19S 28E 19S 29E 19S 30E 19S 31E 19S 32E 19S 34E 19S 34E 19S 35E 19S 36E 19S 37E 19S 37E 19S 38E	20S 28E 20S 29E 20S 30E 20S 31E 20S 32E 20S 33E 20S 34E 20S 35E 20S 36E 20S 36E 20S 38E 20S 38E	21S 27E 21S 28E 21S 29E 21S 30E 21S 31E 21S 32E 21S 33E 21S 34E 21S 35E 21S 36E 28S 3 E	228 27E 228 28E 228 29E 228 30E 228 31E 228 33E 228 34E 228 38E 228 36E 228 38E 228 37E	238.27E 238.28E 238.29E 238.30E 238.31E 238.32E 238.33E 238.34E 238.35E 238.36E 238.37E	248 27E 248 28E 248 29E 248 30E 248 31E 248 32E 248 33E 248 34E 248 35E 248 36E 248 37E	258.27E 258.28E 258.29E 258.30E 258.31E 258.33E 258.34E 258.35E 258.36E 258.36E 258.37E	263 27E 268 28E 268 29E 268 30E 268 31E 268 32E 268 33E 268 34E 268 35E 268 36E 268 37E	Loving Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, N GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong) OpenStreetMap contributors, and the GIS User Community	
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	 N/2 SE/4, SW/4 SE/4	Leasehold Owner	Longfellow LH, LLC	ConocoPhillips Co.	Gretchen B. Nearburg (Capitan, Inc)	S田 Permian, LLC	- 4 1 (1	TOTAL		SENE	Exhibit A-2	Longfellow Energy, LP	October 7, 2021		NESE		SESE		SE/4 SE/4	Leasehold Owner	Longfellow LH, LLC	TOTAL		SENE	
200		Tract #4	4	4	4	4		4	,	SWNE				17S 28E	NWSE		SWSE		MN	Tract 6	9	9	%	SWNE	
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	NE/4 SW/4	Leasehold Owner	O.			ourg (Capitan, In													SE/4 SW/4	Leasehold Owner	LC				Com 1924 CD Y
		Leaseho	Longfellow LH, LLC	Apache Corp.	Chisos, Ltd.	Gretchen B. Nearburg (Capitan, Inc)	SEP Permian, LLC	TOTAL		- 2	I I				L3		L 4			Leaseh	Contando Oil & Gas Co		TOTAL	L2	Banza Badaral Cam 1024 CDY Tract Ournarchin
_		Tract 3	က	က	က	က	ო	m												Tract 5	ນ ຎ	. .	2		
		1%Tract 1	48.8813%	35.4938%	10.0000%	3.1250%	2.5000%		100.0000%	Ш) Î				NESE		SESE			Net Acres WI% Tract 4	100.0000%	100.000%		SENE	
-		Net Acres WI% Tract			16.0000		4.0000		160.0000 1							17S 27E		-	//2 SW/4)	Net Acres	86.0500	86.0500			
	SE/4	Leasehold Owner	OXY USA WTP LP et al	LH, LLC	est	are I, LLC				U.V.V.					NWSE	17S	SWSE		Lots 3 & 4, aka (W/2 SW/4)	Leasehold Owner	llow LH, LLC			SWNE	
200		Tract 1 Lea	1 OXY USA V		1 Judith A. West	1 ZPZ Delaw are I, LLC	1 Sydhan, LP		1 TOTAL	WNHS	; ; ;		24		NESW		SESW			t 2		2 TOTAL		SENW	

	%IM	61.4491%	16.0909%	8.2296%	3.2918%	2.7432%	2.7432%	2.0574%	1.0287%	1.0287%	0.8230%	0.5144%	100.000%		NESW	SESW	Page 23 MNBN puesed pue
%	Net Acres	298.6733	78.2100	40.0000	16.0000	13.3333	13.3333	10.0000	5.0000	5.0000	4.0000	2.5000	486.0500		NWSMN	SWSW	MNMN
Unit WI%	Leasehold Owner	TC	Pet al	ó		O	Gretchen B. Nearburg (Pitch Energy Corp.)	sas Co.		TLC					NESE	SESE	W Z W
	Lease	Longfellow LH, LLC	OXY USA WTPLP et al	ConocoPhillips Co.	Judith A. West	SEP Permian, LLC	Gretchen B. Nea	Contango Oil & Gas Co.	Apache Corp.	ZPZ Delaw are I, LLC	Sydhan, LP	Chisos, Ltd.	TOTAL		NWSE	SWSE	NWNE
NESW			i di	SESW			ergy, LP No. 22021	2021 NENW					SENW	9	NESW	SESW	NENW
L3				L4		Exhibit A-3	Longfellow Energy NM OCD Case No.	October 7,					L2		L 3	L 4	L 1
NESE		SE S						7E	NESE	SESE	N N N						
NWSE			SWSE				NWN						SWNE	4 17S 27E	NWSE	SWSE	NWNE
NESW		SESW NENW							SENW	22	NESW	SESW	NENW				

CONTRACT AREA:

SE/4 of Sec. 24-17S-27E and S/2 of Sec. 19-17S-28E, Eddy Co., NM, 486.05 acres, more or less

UNIT INTEREST OF THE PARTIES

Interest Owners	Ownership %
Longfellow LH, LLC	66.4491%
Oxy USA WTP LP, et al	16.0909%
ConocoPhillips Co.	8.2296%
Judith A. West	3.2918%
SEP Permian, LLC	2.7432%
Gretchen Nearburg (Pitch Energy)	2.7432%
Contango Oil & Gas Co.	2.0574%
Apache Corp.	1.0287%
ZPZ Delaware I, LLC	1.0287%
Sydhan, LP	0.8230%
Chisos, Ltd	0.5144%
	100.00%

TRACT INTEREST OF THE PARTIES

Tract 1 (SE/4 of Sec. 24-17S-27E, 160.00 acres, more or less)

Interest Owners	Ownership %
Oxy USA WTP LP, et al	48.8813%
Longfellow LH, LLC	35.4938%
Judith A. West	10.0000%
ZPZ Delaware I, LLC	3.1250%
Sydhan, LP	2.5000%
	100.00%

Tract 2 (Lots 3 & 4, aka W/2 SW/4 of Sec. 19-17S-28E, 86.05 acres, more or less)

Interest Owners	Ownership %
Longfellow LH, LLC	100.00000%
	100.00%

Tract 3 (NE/4 SW/4 of Section 19-17S-28E, 80 acres, more or less)

Interest Owners	Ownership %
Longfellow LH, LLC	64.5833%
Apache Corp.	12.5000%
Chisos, Ltd.	6.2500%
Gretchen Nearburg (Pitch Energy)	8.3333%
SEP Permian, LLC	8.3333%
	100.00%

Exhibit A-4 Longfellow Energy, LP NM OCD Case No. 22021 October 7, 2021

Tract 4 (N/2 SE/4 & SW/4 SE/4 of Section 19-17S-28E, 120.00 acres, more or less)

Interest Owners	Ownership %
Longfellow LH, LLC	58.3333%
ConocoPhillips Co.	25.0000%
Gretchen Nearburg (Pitch Energy)	8.3333%
SEP Permian, LLC	8.3333%
	$\boldsymbol{100.00\%}$

Tract 5 (SE/4 SW/4 of Sec. 19-17S-28E, 40.00 acres, more or less)

Interest Owners	Ownership %
Longfellow LH, LLC	75.0000%
Contango Oil & Gas Co.	25.0000%
_	100 00%

Tract 6 (SE/4 SE/4 of Sec. 19-17S-28E, 40.00 acres, more or less)

<u>Interest Owners</u>	Ownership %
Longfellow LH, LLC	100.0000%
_	100.00%

OIL AND GAS LEASES SUBJECT TO THIS AGREEMENT

*Lessor: State of New Mexico Lessee: W.F. Daugherity

Serial No.: XO-2029

Date: December 7, 1924

Description: The NW/4 SE/4 of Section 24-17S-27E, Eddy County, New Mexico

*Lessor: State of New Mexico Lessee: William Spurck

Serial No.: B-8318

Date: September 11, 1939

Description: The NE/4 SE/4 of Section 24-17S-27E, Eddy County, New Mexico

*Lessor: United State of America Lessee: Cliff L. Dean, et al Serial No.: NMNM 25527 Date: January 1, 1940

Description: The SW/4 SE/4 of Section 24-17S-27E, Eddy County, New Mexico

*Lessor: State of New Mexico

Lessee: Sol West III Serial No.: L-4672

Date: July 21, 1970

Description: The SE/4 SE/4 of Section 24-17S-27E, Eddy County, New Mexico

Lessor: State of New Mexico Lessee: Manuel A. Sanchez

Serial No.: B-4456 Date: June 10, 1935

Description: The N/2 SE/4 of Section 19-17S-28E, Eddy County, New Mexico

Lessor: United States of America Lessee: George L. Stephens Serial No.: NNLC-028456 Date: December 30, 1938

Description: The SE/4 SE/4 of Section 19-17S-28E, Eddy County, New Mexico

Lessor: State of New Mexico Lessee: Marcia Hartmark

Serial No.: B-4575

Date: November 14, 1922

Description: The NE/4 SW/4 of Section 19-17S-28E, Eddy County, New Mexico

Lessor: State of New Mexico Lessee: J.M. Huber Corp.

Book/Page: L-3016 Date: June 17, 1969

Description: Lots 3 & 4, aka (W/2 SW/4) of Section 19-17S-28E, Eddy County, New

Mexico

Lessor: State of New Mexico Lessee: Forest Levers, Trustee

Book/Page: X-703

Date: December 20, 1922

Description: The SE/4 SW/4 of Section 19-17S-28E, Eddy County, New Mexico

^{*}These four leases are subject to an existing joint operating agreement dated September 1, 2000, covering the E/2 of Section 24-17S-27E. Consequently, these four leases are considered as one tract, Tract 1. *See* Exhibit A-2.

Owner	Contact Type	Notes
Apache Corp.	Letter, Emails and Phone Calls	Not interested in assigning; has option to sign JOA, or elect under Force Pooling.
Contango Oil & Gas Co.	Letter, Emails and Phone Calls	Have not reached an agreement, will most likely elect under Force Pooling.
ZPZ Delaware I, LLC	Letter, Emails and Phone Calls	Not interested in assigning; has option to sign JOA, or elect under Force Pooling.
Chisos, Ltd	Letter and Emails	Not interested in assigning; has option to sign JOA, or elect under Force Pooling.
ConocoPhillips Company	Letter, Emails and Phone Calls	Could not reach an agreement, will wait to elect under pooling order.
Gretchen Beidler Nearburg (Capitan, Inc.)	Letter and Phone Calls	Not interested in assigning, will wait to elect under pooling order.
Judith A. West, aka Judy Reynolds West	Letter and Phone Calls	Letter offer, haven't received a response, multiple attemps to reach owner.
OXY USA WTP, LP	Letter, Emails and Phone Calls	Reached agreement in principal, finalizing terms.
SEP Permian, LLC	Letter, Emails and Phone Calls	Withdrew Protest; evaluating proposal, negotiations ongoing.
SOC 1999 Partnership Limited,	Letter, Emails and Phone Calls	Reached voluntary agreement, assignment in hand.
Sydhan, LP	Letter and Phone Calls	Not interested in assigning, will wait to elect under pooling order.

Exhibit A-5 Longfellow Energy, LP NM OCD Case No. 22021 October 7, 2021 <u>District I</u>
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
<u>District II</u>
811 S. First St., Artesia, NM 88210

Phone: (575) 748-1283 Fax: (575) 748-9720 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

District IV

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

Santa Fe, NM 87505

¹ API Number		² Pool Code					
⁴ Property Code		⁵ Pr	roperty Name	⁶ Well Number			
		BONZO FEDERAL COM 1924CDX					
⁷ OGRID No.		8 O]	perator Name	⁹ Elevation			
372210		LONGFELL	OW ENERGY, LP	3578.3			

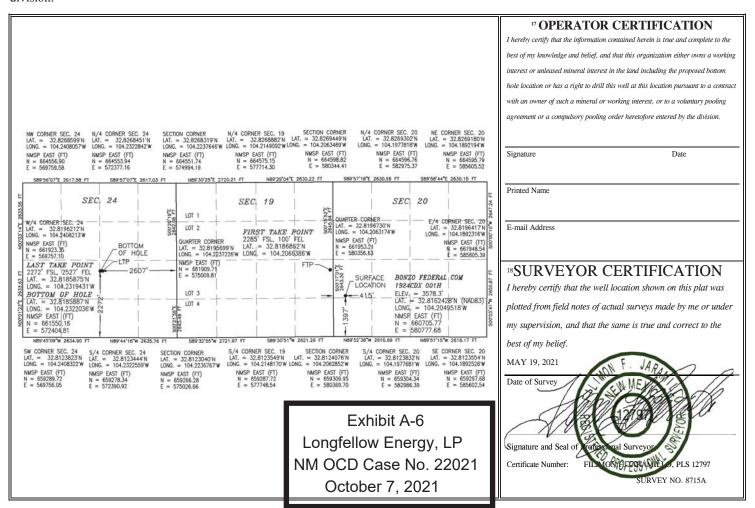
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
L	20	17 S	28 E		1397	SOUTH	415	WEST	EDDY		
Dottom Hole Location If Different From Curfoce											

Bottom Hole Location If Different From Surface

UL or lot no.	Section 24	Township 17 S	Range 27 E	Lot Idn	Feet from the 2272	North/South line SOUTH	Feet from the 2607	East/West line EAST	County EDDY
12 Dedicated Acr	es ¹³ Joint	or Infill 14	Consolidation	n Code			15 Order No.		

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.



Intent		As Drill	led											
API#]											
Oper	ator Nar	ne:				Prop	erty N	ame:						Well Number
LON	IGFELLO	W ENERG	iY, LP				BO	NZO I	EDE	RAL CO	M 19	24C	DX	001H
Kick O	iff Point (KOP)												
UL L	Section 20	Township 17S	Range 28E	Lot	Feet 1397		From N	i/s H	Feet 415		rom E	/W T	County EDDY	
Latitude 32.8162428						104	1.204	951	8				NAD 83	
UL	ake Poin	Township	Range	Lot	Feet		From N	I/S	Feet		rom E	/W	County	
19 175 28Ĕ Latitude					Ц.	2285 SC			SOUTH 100 EA			NAD EDDÝ		
	32.818	6862					2066	5386	1				83	
Last Ta	ake Point	t (LTP) Township 17S	Range 27E	Lot	Feet 2272	From	n N/S	Feet 252	7	From E/	w c	Count	<u>,</u>	
Latitu	l de	185875	272		Longitu	ıde	 231			LASI		NAD	83	
s this	well the	defining w	ell for the	Horizo	ontal Spa	icing U	nit?]				
s this	well an i	nfill well?												
	I is yes p ng Unit.	olease prov	vide API i	f availa	able, Ope	erator	Name	e and	well	number	r for [Defir	ning well	for Horizontal
API#														
Oper	ator Nar	me:	I .			Prop	erty N	ame:						Well Number
														KZ 06/20/201

KZ 06/29/2018

District I 1625 N. French Dr., Hobbs, NM 88240

District III

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

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, Submit one copy to appropriate District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code							
⁴ Property Code		⁵ Pr	coperty Name	⁶ Well Number					
		BONZO FEDERAL COM 1924CDX							
⁷ OGRID No.		8 Operator Name							
372210		LONGFELLOW ENERGY, LP							

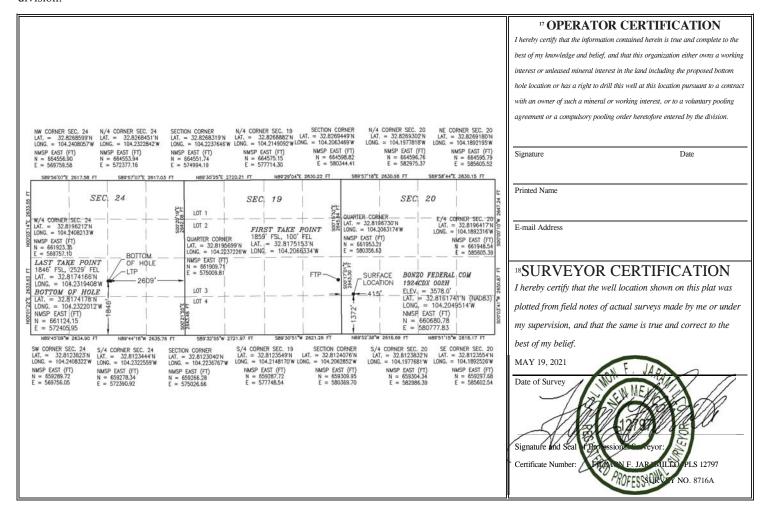
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
L	20	17 S	28 E		1372	SOUTH	415	WEST	EDDY		
Bottom Hala Location If Different From Curfoco											

Bottom Hole Location It Different From Surface

UL or lot no.	Section 24	Township 17 S	Range 27 E	Lot Idn	Feet from the 1846	North/South line SOUTH	Feet from the 2609	East/West line EAST	County EDDY
12 Dedicated Acre	s ¹³ Joint	or Infill 14	Consolidation	1 Code			¹⁵ Order No.		

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.



ntent	t	As Drill	ed									
API#]									
Ope	rator Nar	ne:	1			Property N	lame:					Well Number
LON	IGFELLO	W ENERG	Y, LP			ВО	NZO	FEDE	RAL CO	/I 19240	CDX	002H
												!
(ick C	Off Point ((KOP)										
UL L	Section 20	Township 17S	Range 28E	Lot	Feet 1372	From SOU	N/S TH	Feet 415	Fr V	om E/W /EST	County EDDY	
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		. /===>			!						_!	
UL	Section	Township	Range	Lot	Feet	From	N/S	Feet	Fi	om E/W	County	
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Latite	32.817	'5153			Longitu	104.206	6334	ı			83	
.ast T	ake Point	t (LTP)										
UL J	Section 24	Township 17S	Range 27E	Lot	Feet 1846	From N/S SOUTH	Feet 252		From E/V EAST	/ Coun	ty)Y	
Latitu		174166	•	•	Longitu	de 104.23 :	1940	8	•	NAD	83	
							Г		7			
s this	well the	defining w	ell for the	Horiz	ontal Spa	cing Unit?	L		_			
s this	well an i	nfill well?			٦							
	ll is yes p	olease prov	vide API i	f avail	able, Ope	erator Nam	e and	l well	number	for Defi	ning well	for Horizontal
API#]									
Ope	rator Nar	ne:				Property N	Name:					Well Number
•						. ,						

KZ 06/29/2018

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II

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District IV

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, Submit one copy to appropriate District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Numbe	er	² Pool Code	³ Pool Name	
⁴ Property Code		5 Pr	operty Name	⁶ Well Number
		RAL COM 1924CDX	003H	
⁷ OGRID No.		8 O _I	perator Name	⁹ Elevation
372210		LONGFELL	OW ENERGY, LP	3577.8

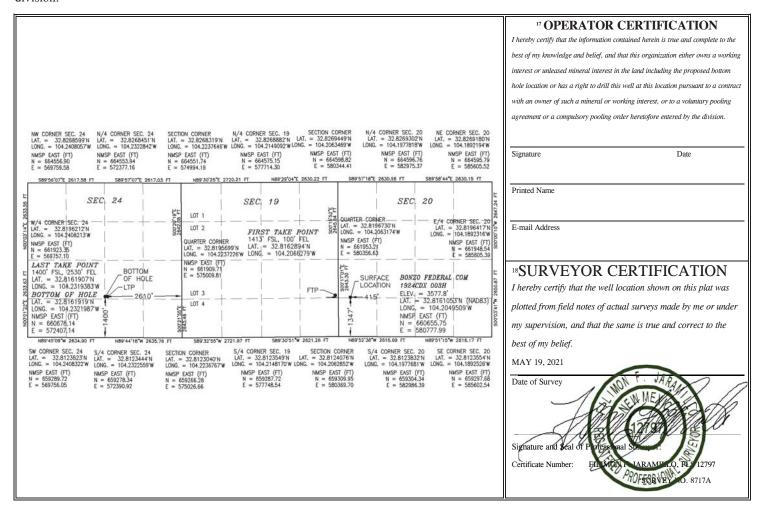
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County				
\mathbf{L}	20	17 S	28 E		1347	SOUTH	415	WEST	EDDY				
	I Pottom Hole Location If Different From Surface												

Bottom Hole Location If Different From Surface

UL or lot no.	Section 24	Township 17 S	Range 27 E	Lot Idn	Feet from the 1400	North/South line SOUTH	Feet from the 2610	East/West line EAST	County EDDY
¹² Dedicated Acre	s ¹³ Joint	or Infill 14	Consolidation	n Code			¹⁵ Order No.		

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.



Intent		As Drill	ed										
API#]										
Oper	ator Nan	ne:	1			Propert	ty Name	:					Well Number
LON	GFELLO	W ENERG	Y, LP			ı	BONZO	FEDE	RAL CO	OM 1	.9240	DX	003H
Kick O	ff Point (KOP)											
UL L	Section 20	Township 17S	Range 28E	Lot	Feet 1347	Fro SC	om N/S DUTH	Feet 415		From	E/W ST	County EDDY	
Latitu		61053	•	•	Longitud		204950	09	•			NAD 83	
First T	ake Poin	t (FTP)			,								
UL I	Section 19	Township 17S	Range 28E	Lot	Feet 1413		om N/S DUTH	Feet 100		From EAS	E/W T	County EDDY	
Latitu	de 32.816	2894			Longitud		06627	9				NAD 83	
UL	ake Point	Township	Range	Lot	Feet	From N,	/S Fee		From E	/W	Count	y_	
J Latitu	24 de	17S	27Ē		1400 Longitud	SOUT de	H 25	30	EAST		NAD	Y	
	32.8	161907				104.2	231938	33				83	
		defining w nfill well?	ell for the	Horizo	ontal Spac	cing Unit	t?						
Spacin	is yes p g Unit.	olease prov	vide API if	f availa	able, Ope	erator Na	ame and	d well	numbe	er for	Defir	ning well	for Horizontal
API#													
Oper	ator Nan	ne:				Propert	ty Name	:					Well Number

KZ 06/29/2018

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720

District III

<u>District II</u> 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

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 Numbe	er	² Pool Code	³ Pool Name					
⁴ Property Code		⁵ Pr	roperty Name	⁶ Well Number				
		BONZO FEDE	BONZO FEDERAL COM 1924CDX					
⁷ OGRID No.		8 O _I	perator Name	⁹ Elevation				
372210		LONGFELL	OW ENERGY, LP	3577.6				

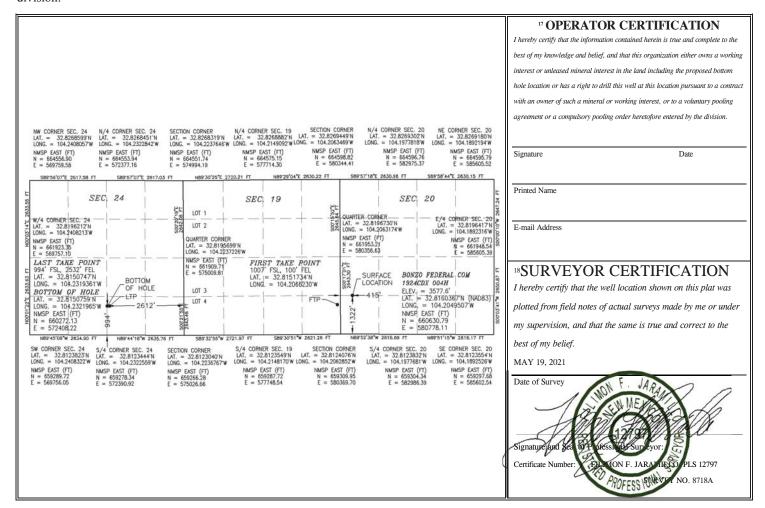
¹⁰ Surface Location

	UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
	L	20	17 S	28 E		1322	SOUTH	415	WEST	EDDY		
٠	Dettern Hala Leading IC Different From Conference											

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section 24	Township 17 S	Range 27 E	Lot Idn	Feet from the 994	North/South line SOUTH	Feet from the 2612	East/West line EAST	County EDDY
¹² Dedicated Acre	s ¹³ Joint	or Infill 14	Consolidation	n Code			¹⁵ Order No.		

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.



Intent		As Drill	ed									
API#												
Oper	ator Nan	ne:	l			Property N	lame:					Well Number
LON	GFELLO	W ENERG	Y, LP			ВО	NZO	FEDE	RAL CON	1 19240	CDX	004H
Kick O	ff Point (KOP)			,							
UL L	Section 20	Township 17S	Range 28E	Lot	Feet 1322	From I	N/S TH	Feet 415	Fr	om E/W /EST	County EDDY	
Latitu		60367			Longitud	de 104.204	4950	7			NAD 83	
First T	ake Point	t (FTP)										
UL P	Section 19	Township 17S	Range 28E	Lot	Feet 1007	From I	N/S TH	Feet 100	Fro E	om E/W AST	County EDDY	
Latitu	de 32.815	1734			Longitud	de 104.206	6230)	•		NAD 83	}
UL	ake Point	Township	Range	Lot	Feet	From N/S	Feet		From E/W	Coun	ty	
O Latitu		175	27Ĕ		994 Longitud		253		EAST	NAD NAD		
	32.82	150747				104.231	L936	1			83	
		defining we	ell for the	Horizc	ontal Spac	cing Unit?]			
	I is yes p ng Unit.	lease prov	ide API if	availa	ible, Ope	rator Nam	e and	well	number	for Defi	ning well	for Horizontal
Oper	ator Nan	ne:				Property N	lame:					Well Number

KZ 06/29/2018

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720

District III

Phone: (5/5) 595-6161 Fax: (3/3) 595-6720 District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 <u>District IV</u>

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Numbe	er	² Pool Code	³ Pool Name					
⁴ Property Code		⁵ Pr	coperty Name	⁶ Well Number				
		BONZO FEDE	BONZO FEDERAL COM 1924CDX					
⁷ OGRID No.		⁸ O _I	perator Name	⁹ Elevation				
372210		LONGFELL	OW ENERGY, LP	3577.2				

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				
M	20	17 S	28 E		1297	SOUTH	415	WEST	EDDY				
	I Pottom Hole Legation If Different From Surface												

Bottom Hole Location If Different From Surface

UL or lot no.	Section 24	Township 17 S	Range 27 E	Lot Idn	Feet from the 570	North/South line SOUTH	Feet from the 2614	East/West line EAST	County EDDY
12 Dedicated Acre	s 13 Joint	or Infill 14	Consolidation	1 Code			¹⁵ Order No.		

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.
NW CORNER SEC. 24 N/4 CORNER SEC. 24 SECTION CORNER N/4 CORNER SEC. 19 SECTION CORNER N/4 CORNER SEC. 20 NE CORNER SEC. 20 LAT. = 32.8268959*N LAT. = 32.8268958*N LAT. = 32.8268949*N LAT. = 32.826930*N L	
LONG. = 104.23228427W LONG. = 104.23228427W LONG. = 104.2376467W LONG. = 104.2409057W LONG. = 104.23228427W LO	Signature Date
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Signatur Suc
58956'07'E 2617.58 FT \$8957'07'E 2617.03 FT H89'30'25'E 2720.21 FT H89'29'04'E 2630.22 FT \$89'57'18'E 2630.96 FT \$89'58'44'E 2630.15 FT	
L SEC 24 SEC 19 SEC 20 L	Printed Name
SE INT 1	
W/4 CORNER SEC. 24 58 LOT 2 58	E-mail Address
NIMSP EAST (FT) NIMSP EAST (FT) NIMSP EAST (FT)	
N = 661923-35 E = 58975-710	
N = 661909.71 FIRST TARE POINT	¹⁸ SURVEYOR CERTIFICATION
Column C	I hereby certify that the well location shown on this plat was
H LAT. = 32.8139605N 6 F HOLE LOT 4 LOT 4 LOT 4 LOT 4 LOT 6	plotted from field notes of actual surveys made by me or under
NMSP EAST (FT) 2614' Se NMSP EAST (FT) N = 660605.78	my supervision, and that the same is true and correct to the
E = 572409,35 SP E = 580778.20 N89'45'09'W 2634.00 FT N89'44'16'W 2635.76 FT S89'32'55'W 2721.97 FT S89'30'51'W 2621.26 FT N89'52'38'W 2616.69 FT N89'51'15'W 2616.17 FT	
SW CORNER SEC. 24 S/4 CORNER SEC. 24 SECTION CORNER S/4 CORNER SEC. 20 SE CORNER SEC. 20 SE CORNER SEC. 20	best of my belief.
LONG. = 104.2408322'W LONG. = 104.2322559'W LONG. = 104.2236767'W LONG. = 104.2148170'W LONG. = 104.2062852'W LONG. = 104.1977681'W LONG. = 104.1892526'W	MAY 19, 2021
NMSP EAST (FT) NMSP	Date of Survey
6 - 7/3/3/3/0	Sand Control of the C
	TNEW ADJOEN IN THE
	AND AND SELECTION OF THE SELECTION OF TH
	Signature and Seal of Professional Surveyor:
	Certificate Number: FLEOON JARAM LO. PLS 12797
	AND STORY OF
	TO EGALATOR S. SALAY

Intent		As Drill	ed											
API#														
Ope	rator Nar	ne:	ı			Prop	erty Na	ame:						Well Number
LON	IGFELLO	W ENERG	Y, LP			BONZO FEDERAL COM 1924CDX						DX	005H	
Kick O	off Point (KOP)												
UL M	Section 20	Township 17S	Range 28E	Lot	Feet 1297		From N SOUT	/S 'H	Feet 415		From WES	E/W ST	County EDDY	
Latitu	22.8159680 Lon						4.204	950	5	•			NAD 83	
UL	ake Poin	Township	Range	Lot	Feet		From N		Feet		From	E/W	County	
P Latitu	19 de	175	28Ē		581	SOUTH 100 EAST					Т	EDDÝ NAD		
	32.814	0025					.2066	5178	•				83	
	ake Point													
O L	Section 24	Township 17S	Range 27E	Lot	Feet 570	SO!	n N/S UTH	Feet 253	4	From E EAST	/W	Count EDD	у Ү	
Latitu		139092			Longitu		4.231	933	7			NAD 83		
		defining w	ell for the	Horizo	ontal Spa	cing L	Jnit?]				
	l is yes p ng Unit.	olease prov	ide API if	availa	able, Ope	erator	Name	and	well	numbe	er for	Defii	ning well	for Horizontal
Oper	rator Nar	ne:		Prop	erty Na	ame:						Well Number		
														V7.06/20/2046

KZ 06/29/2018

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Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr.

Santa Fe, NM 87505

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Numbe	er	² Pool Code		
⁴ Property Code		⁵ Pr	⁶ Well Number	
		BONZO FEDE	CRAL COM 1924CDX	006Н
⁷ OGRID No.		8 O _l	perator Name	⁹ Elevation
372210		LONGFELL	LOW ENERGY, LP	3576.9

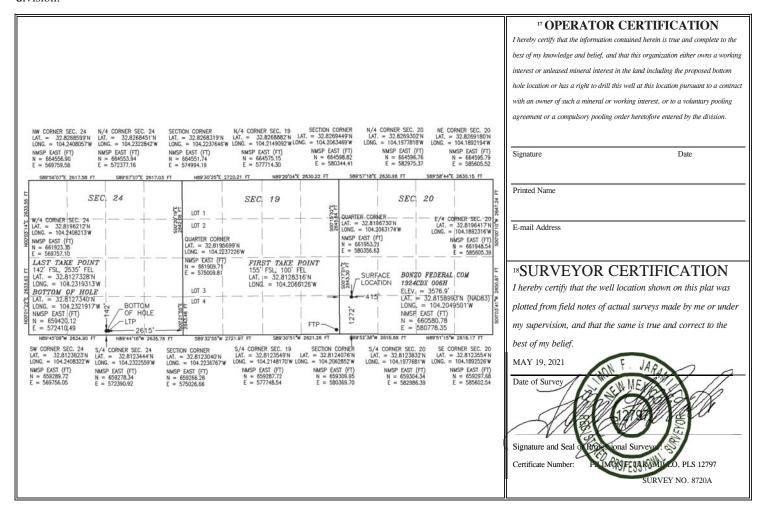
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
M	20	17 S	28 E		1272	SOUTH	415	WEST	EDDY		
Bottom Hola Location If Different From Surface											

Bottom Hole Location If Different From Surface

UL or lot no.	Section 24	Township 17 S	Range 27 E	Lot Idn	Feet from the 142	North/South line SOUTH	Feet from the 2615	East/West line EAST	County EDDY
12 Dedicated Acre	s ¹³ Joint	or Infill 14	Consolidation	n Code			¹⁵ Order No.		

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.



Intent		As Drill	ed										
API#]										
Ope	rator Nan	ne:				Property N	lame:					Well Number	
LON	IGFELLO	W ENERG	Y, LP			BONZO FEDERAL COM 1924CDX						006Н	
Kick C	off Point (KOP)			,								
UL M	Section 20	Township 17S	Range 28E	Lot	Feet 1272	From SOU	N/S TH	Feet 415	F	rom E/W VEST	County EDDY		
Latitu	Latitude Longit 32.8158993						4950)1	·		NAD 83		
First T	ake Poin	t (FTP)											
UL P	Section 19	Township 17S	Range 28E	Lot	Feet 155	From SOU	N/S TH	Feet 100	F	rom E/W AST	County EDDY		
Latitu	de 32.812	8316			Longitud	ude 104.2066126					NAD 83	}	
Last T	ake Point	: (LTP)											
O L	Section 24	Township 17S	Range 27E	Lot	Feet 142	From N/S SOUTH	Feet 25 3		From E/V EAST	V Count EDD	ty Y		
Latitu		127328			Longitud	1 04.23 2	1931	3		NAD	NAD 83		
		defining we	ell for the	Horizo	ntal Spac	cing Unit?]				
If infil	l is yes p	nfill well? olease prov	ide API if	availa	J ble, Ope	rator Nam	e and	well	number	for Defi	ning well	for Horizontal	
Spacii API#	ng Unit.]										
Ope	rator Nan	ne:				Property N	lame:					Well Number	

KZ 06/29/2018



March 30, 2021

Black Stone Energy Company, L.L.C. 1001 Fannin St., Ste. 2020 Houston, TX 77002 Exhibit A-7 Longfellow Energy, LP NM OCD Case No. 22021 October 7, 2021

Re: Well Proposals – Bonzo Federal Com 1924 CDX 001H, 002H, 003H, 004H, 005H, 006H SE/4 of Section 24-17S-27E and S/2 of Section 19-17S-28E, Eddy County, New Mexico

To whom it may concern:

Longfellow Energy, LP ("Longfellow") hereby proposes to drill and complete the following wells "back to back":

- Bonzo Federal Com 1924 CDX 001H, with an approximate true vertical depth of 3,500', as a horizontal well in the Yeso formation (with an approximate measured depth of 12,320') and an estimated cost of \$4,374,542 for a completed producing well, as set forth in detail on the enclosed AFE Well Cost Estimate dated 3/30/2021
- Bonzo Federal Com 1924 CDX 002H, with an approximate true vertical depth of 3,900', as a horizontal well in the Yeso formation (with an approximate measured depth of 12,388') and an estimated cost of \$4,374,542 for a completed producing well, as set forth in detail on the enclosed AFE Well Cost Estimate dated 3/30/2021
- Bonzo Federal Com 1924 CDX 003H, with an approximate true vertical depth of 3,500', as a horizontal well in the Yeso formation (with an approximate measured depth of 11,759') and an estimated cost of \$4,374,542 for a completed producing well, as set forth in detail on the enclosed AFE Well Cost Estimate dated 3/30/2021
- Bonzo Federal Com 1924 CDX 004H, with an approximate true vertical depth of 3,900', as a horizontal well in the Yeso formation (with an approximate measured depth of 12,215') and an estimated cost of \$4,374,542 for a completed producing well, as set forth in detail on the enclosed AFE Well Cost Estimate dated 3/30/2021
- Bonzo Federal Com 1924 CDX 005H, with an approximate true vertical depth of 3,500', as a horizontal well in the Yeso formation (with an approximate measured depth of 12,090') and an estimated cost of \$4,374,542 for a completed producing well, as set forth in detail on the enclosed AFE Well Cost Estimate dated 3/30/2021
- Bonzo Federal Com 1924 CDX 006H, with an approximate true vertical depth of 3,900', as a horizontal well in the Yeso formation (with an approximate measured depth of 12,844') and an estimated cost of \$4,374,542 for a completed producing well, as set forth in detail on the enclosed AFE Well Cost Estimate dated 3/30/2021

To facilitate these wells and for efficient development, Longfellow proposes to form a Working Interest Unit (the "WIU") covering the SE/4 of Section 24-17S-27E and the S/2 of Section 19-17S-28E, containing approximately 486.05 acres. For development of horizontal Yeso wells within the WIU, Longfellow proposes a new horizontal joint operating agreement dated January 15, 2021, a modified 2015 Horizontal AAPL Form 610 Operating Agreement, (hereinafter referred to as the "HJOA") to govern horizontal Yeso development within the WIU, to supersede existing JOAs (if any), containing the following provisions:

- Contract Area being the SE/4 of Section 24-17S-27E and the S/2 of Section 19-17S-28E, limited to the Yeso formation
- Applies to horizontal well development only
- 100%/300%/300% non-consent penalties
- \$8,000/\$800 drilling and producing monthly overhead rates

According to our title examination, Black Stone Energy Company, L.L.C. owns a working interest as to the proposed WIU. We respectfully request that you select one of the following three options with regard to your interest in the proposed wells:

March 30, 2021 Bonzo Federal Com 1924 CDX 001H, 002H, 003H, 004H, 005H, 006H Well Proposals

Option 1 - Participate with your working interest in the proposed wells, pursuant to the terms of the HJOA

Option 2 – Elect to not participate in the proposed wells, pursuant to the terms of the HJOA (an election of "Non-Consent")

Option 3 - Assign all of your leasehold rights, and the existing wells (if any) associated with those rights, in the WIU area to Longfellow for \$1,750/net acre (delivering your existing Net Revenue Interest)

Please indicate your election as to the aforesaid three options in the space provided below, and execute and return a copy of this letter to the undersigned within 30 days of receipt of this proposal. Your election of Option 1 and 2, should be returned to Longfellow by U.S. mail to the letterhead address below or email to Ryan.Culpepper@longfellowenergy.com. Upon receipt of your election, I will send the HJOA for your review and execution. Your election of Option 3, along with your completed Form W-9, should be returned to Longfellow by U.S. mail to the letterhead address below or email to Ryan.Culpepper@longfellowenergy.com. Upon receipt of this election, I will send an Assignment for your review and execution. If you prefer to review the HJOA prior to making an election, please request a copy by email and I will furnish for your review.

Longfellow looks forward to working with you on this proposal and I encourage you to contact me with any questions pertaining to the proposed wells. Please be advised, to facilitate timely development, Longfellow may file with the New Mexico Oil Conservation Division for compulsory pooling of any uncommitted working interest owners. Should you have any questions concerning this matter, please contact the undersigned by phone at 972-590-9933 or by e-mail to Ryan.Culpepper@longfellowenergy.com.

Sincerely, LONGFELLOW ENERGY, LP

Ryan Culpepper Land Manager

Option 1. The undersigned elects to participate in the drilling and completion of the proposed wells.	Enclosed
please find the executed AFEs please forward me the HJOA for my execution.	

_____ Option 2. The undersigned elects to not participate in the drilling and completion of the proposed wells, pursuant to the non-consent provisions of the HJOA. Please forward me the HJOA for my execution.

Option 3. The undersigned elects to assign all of its leasehold rights, and the wells associated with those rights (if any), in the SE/4 of Section 24-17S-27E and the S/2 of Section 19-17S-28E to Longfellow for \$1,750/ net acre, delivering our existing Net Revenue Interest.

AGREED to and ACCEPTED this _____ day of ______, 2021.

Black Stone Energy Company, L.L.C.



OPERATOR:		Longfellov	v Energy	I P								
LEASE:			637	19-24CDX		WELL NO.	001H	FIELD:	Loco Hills	AFE #: 401	DATE:	3/31/2021
LOCATION:	SHL	1377'	FSL	397'	FWL	Section	20	17S-28E	PROPOSED TD:		ft (MD)	12,320
	BHL	2277'	FSL	2526'	FEL	Section	24	17S-27E	VERTICAL		RE-ENTRY	
OBJECTIVE:		Yeso Forn	nation		Est	imated @	3,500	ft TVD	HORIZONTAL	X	WORKOVER	
REMARKS.		Loco Hills	Project -	Eddy County	NM					REVIEWED	RV.	

	INTANGIBLE DRILLING COSTS	DRILLING	COMPLETION	SUPPLEMENTAL
1.00		DRILLING	COMPLETION	SUFFLEMENTAL
1-00	** IDC - DRILLING **	***		
1-02	Rig Diesel	\$38,232		
1-03	Rig Rentals	\$22,488		
1-04	Location / Construction	\$19,780		
1-05	Drilling Insurance	\$4,600		
1-06	Permits	\$12,000		
1-07	Title Opinion / Regulatory Fees	\$22,500		
1-08	Survey	\$7,500		
1-10	Right-of-Way	\$10,000		
1-12	Pit Lining / Fences	\$0		
1-14	Trucking	\$18,706		
1-16	Air / Gas Services	\$0		
1-18	Supervision	\$41,400		
1-19	Drilling Overhead	\$28,750		
1-20	Rig Mobilization / Demobilization	\$19,550		
1-22	Bits / Underreamers, Etc.	\$32,200		
1-23	Directional Tools & Supervision	\$97,750		
1-24	Hammer Rental / Supervision	\$0		
1-24	Cement Plug / Squeeze	\$0		I
		\$32,200		l
1-26	Drilling Mud & Transportation			
1-27	Mud Diesel	\$0		
1-28	Mud Logging & Geo-steering	\$17,250		
1-29	Mud Remediation	\$50,600		
1-30	Drill String & BHA Rental	\$6,900		
1-31	Coring	\$0		
1-32	Drill Stem Tests	\$0		
	Contract Daywork Drilling	\$0		
1-34	10.0 days @ \$15,727 / day	\$157,274		
1-36	Casing Crews, PU & LD	\$19,320		
1-38	Fishing Tool Rentals	\$0		
1-40	Rathole / Mousehole / Conductor	\$19,320		
1-42	Water - Fresh / Brine	\$46,000		
1-43	Waste Water / Mud Disposal	\$4,600		
1-44	Well Control Equipment	\$0		
1-46	Trash Trailer	\$2,024		
1-48	Surface Pipe Cementing	\$18,400		
1-50	Intermediate Pipe Cementing	\$0		
1-51	Contractor Ser. (Roustabout, Testor, etc.)	\$27,673		
1-52	Production Casing Cementing	\$43,700		
1-56	Open-Hole Logging OH Logs & Core processing	\$0		
1-58	Drilling Contingencies	\$0		
1-60	Surface Damages	\$3,450		
1-62	Rotating Head & Expendables	\$2,668		
1-64	Miscellaneous Drilling	\$12,880		
1-66	Welding During Drilling	\$3,220		
1-68	Miscellaneous Equipment Rentals	\$43,126		
1-70	Centralizers & Float Equipment	\$29,440		
-				
1	TOTAL INTANGIBLE DRILLING COSTS:	\$915,501	\$0	ı
	TANGIBLE DRILLING COSTS:	DRILLING	COMPLETION	SUPPLEMENTAL
2-00	** IDC - DRILLING **			
TUBULAR G	GOODS (Surf., Inter., Prod., Tbg)			
	Size Grade Weight Thread Length			
2-02	9-5/8" J-55 36.00 LT&C 1250	\$22,295		
2-04	7" L-80 32.00 BT&C 4100	\$99,760		
2-06	5-1/2" L-80 20.00 BT&C 6100	\$113,792		
200	2000 0100	\$0		
DRILLING -	SURFACE EQUIPMENT	\$0		
2-10	Casinghead(s)	\$10,000		1
2-10	Liner Hanger & Packer	\$0		
2-12	Open Hole Packers and Sleeves	\$0		
2-14		\$0		I
2-16 2-18	Miscellaneous	\$0		I
2-18	Flowline & Valves			<u> </u>
	TOTAL TANGIBLE DRILLING COSTS:	\$245,847	\$0	



OPERATOR:		Longfellov	w Energy,	LP									
LEASE:		Bonzo Fed	deral Com	19-24CDX		1	WELL NO.	001H	FIELD:	Loco Hills	AFE #: 401	DATE:	3/31/2021
LOCATION:	SHL	1377'	FSL	397'	FWL		Section	20	17S-28E	PROPOSED TD:		ft (MD)	12,320
	BHL	2277'	FSL	2526'	FEL		Section	24	17S-27E	VERTICAL		RE-ENTRY	
OBJECTIVE:		Yeso Forn	nation		Est	timated	(a)	3,500	ft TVD	HORIZONTAL	X	WORKOVER	
REMARKS:	MARKS: Loco Hills Project - Eddy County, NM										REVIEWED	BY:	

REMARKS.				
	INTANGIBLE COMPLETION COSTS:	DRILLING	COMPLETION	SUPPLEMENTAL
		DRILLING	COMILETION	SUITEMENTAL
3-00	** IDC - COMPLETION **			
3-02	Acidizing		\$0	
3-04	Fracturing		\$1,396,286	
3-06	Perforating		\$123,000	
3-08	Cased Hole Logging		\$5,000	
3-10	CO2 / Boosters		\$16,000	
3-12	Electrician / Electrical Services		\$21,801	
3-14	Equipment Rentals		\$10,500	
3-15	Rentals- Potties, Lights, Trash Trailers		\$13,500	
3-16	Frac Tank Rentals		\$16,500	
3-18	Restore Location		\$1,000	
3-20	Right - Of - Way		\$4,734	
3-22	Roustabout Crews		\$56,246	
3-23	Cement Plugs/Bridge Plugs		\$36,000	
3-24	Supervision		\$21,250	
3-25	Completion Overhead		\$15,750	
3-26	Trucking		\$24,200	
3-27	Water Transfer- 10", Poly, Fill Pit		\$16,000	
3-28	Water Hauling - Fresh		\$685,800	
3-29	SW Disposal- Hauling, Paid Disposal, Poly		\$8,000	
3-30	Slickline Work		\$0	
3-31	Technical Labor		\$24,707	
3-32	Reverse Unit / Power Swivel		\$30,000	
3-33	Trucking- Kill Truck		\$0	
3-33				-
	Completion Rig / Daywork		\$0	
3-34	<u>8.7</u> days @ <u>\$3,800</u> / day		\$33,000	
3-36	Anchors		\$2,500	
3-38	Drill bits, Unde-reamers, Etc.		\$5,000	
3-40	Coiled Tubing Unit		\$0	
3-42	Completion Fluids - Mud, Etc.		\$5,000	
3-44	DH Tool Rental		\$18,000	
3-46	Fishing Tool Rental		\$0	
3-48	Tubing Testing & Inspection		\$9,750	
3-50	Press Control Equip Rental- BOPE, Frac Stack, Lubricator		\$129,000	
3-52	Well Testing Equipment & Labor		\$5,000	
3-54	Miscellaneous Completion		\$5,000	
3-56	Contingencies Completion		\$0	
TO	OTAL INTANGIBLE COMPLETION COSTS:		\$2,738,524	
10	TAL INTANGIBLE COMI LETTON COSTS.		φ2,730,324	
	TANGIBLE COMPLETION COSTS:	DRILLING	COMPLETION	SUPPLEMENTAL.
	TANGIBLE COMPLETION COSTS:	DRILLING	COMPLETION	SUPPLEMENTAL
4-00	** IDC - COMPLETION **	DRILLING	COMPLETION	SUPPLEMENTAL
	** IDC - COMPLETION **	DRILLING		SUPPLEMENTAL
4-01	** IDC - COMPLETION ** Tubing	DRILLING	\$16,000	SUPPLEMENTAL
4-01 4-02	** IDC - COMPLETION ** Tubing Packers	DRILLING	\$16,000 \$0	SUPPLEMENTAL
4-01 4-02 4-04	** IDC - COMPLETION ** Tubing Packers Plugs	DRILLING	\$16,000 \$0 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint	DRILLING	\$16,000 \$0 \$0 \$0	SUPPLEMENTAL
4-01 4-02 4-04	** IDC - COMPLETION ** Tubing Packers Plugs	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment	DRILLING	\$16,000 \$0 \$0 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$1,110 \$45,110 \$4,600 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc.	DRILLING	\$16,000 \$0 \$0 \$0 \$50 \$45,110 \$4,600 \$0 \$0 \$74,257	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc.	DRILLING	\$16,000 \$0 \$0 \$0 \$50 \$45,110 \$4,600 \$0 \$0 \$74,257	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$50 \$74,257 \$5,500 \$7,292 \$30,434	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks	DRILLING	\$16,000 \$0 \$0 \$0 \$50 \$45,110 \$4,600 \$0 \$50 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment Electrical Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$0 \$57,479	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump	DRILLING	\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$0 \$57,479	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-24	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pump Pumping Unit	DRILLING	\$16,000 \$0 \$0 \$0 \$50 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment Electrical Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String	DRILLING	\$16,000 \$0 \$0 \$0 \$50 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pump Pumping Unit	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-24	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pump Pumping Unit Rod String Size Class Length	DRILLING	\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$57,479 \$57,479	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length """ " " " " " " " " " " " " " " " "	DRILLING	\$16,000 \$0 \$0 \$0 \$50 \$45,110 \$4,600 \$0 \$50 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head	DRILLING	\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length """ " " " " " " " " " " " " " " " "	DRILLING	\$16,000 \$0 \$0 \$0 \$50 \$45,110 \$4,600 \$0 \$50 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$1,000 \$4,600 \$0 \$1,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$1,200 \$0 \$1,200 \$0 \$0 \$1,200 \$0 \$0 \$1,200 \$0 \$0 \$1,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories	DRILLING	\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$5,479 \$175,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline	DRILLING	\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$0 \$175,000 \$0 \$57,479 \$175,000 \$0 \$0 \$50 \$12,000 \$0 \$0 \$12,000 \$0 \$12,000 \$12,000	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories	DRILLING	\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$5,479 \$175,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline		\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$0 \$175,000 \$0 \$57,479 \$175,000 \$0 \$0 \$50 \$12,000 \$0 \$0 \$12,000 \$0 \$12,000 \$12,000	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline COTAL TANGIBLE COMPLETION COSTS: LING COST	\$1,161,348	\$16,000 \$50 \$0 \$50 \$50 \$45,110 \$4,600 \$0 \$50 \$50 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$50 \$57,479 \$175,000 \$0 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline		\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$0 \$175,000 \$0 \$57,479 \$175,000 \$0 \$0 \$50 \$12,000 \$0 \$0 \$12,000 \$0 \$12,000 \$12,000	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 7	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LLING COST		\$16,000 \$0 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$12,000 \$50,5558 \$5,500 \$12,209 \$474,671	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL DRIII	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LLING COST		\$16,000 \$0 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$12,000 \$50,5558 \$5,500 \$12,209 \$474,671	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL DRIII	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline COTAL TANGIBLE COMPLETION COSTS: LING COST		\$16,000 \$50 \$0 \$50 \$50 \$45,110 \$4,600 \$0 \$50 \$50 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$50 \$57,479 \$175,000 \$0 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL ONL	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LUNG COST PLETION COST COMPLETED WELL COST		\$16,000 \$0 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$12,000 \$50,5558 \$5,500 \$12,209 \$474,671	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL DRIK TOTAL COM	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LUNG COST PLETION COST COMPLETED WELL COST		\$16,000 \$0 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$12,000 \$50,5558 \$5,500 \$12,209 \$474,671	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL DRII TOTAL COM	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LUNG COST PLETION COST COMPLETED WELL COST		\$16,000 \$0 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$12,000 \$50,5558 \$5,500 \$12,209 \$474,671	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL ONL	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LUNG COST PLETION COST COMPLETED WELL COST		\$16,000 \$0 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$12,000 \$50,5558 \$5,500 \$12,209 \$474,671	
4-01 4-02 4-04 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL ORD TOTAL COM	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LUNG COST PLETION COST COMPLETED WELL COST		\$16,000 \$0 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$12,000 \$50,5558 \$5,500 \$12,209 \$474,671	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL DRII TOTAL COM	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LUNG COST PLETION COST COMPLETED WELL COST		\$16,000 \$0 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$12,000 \$50,5558 \$5,500 \$12,209 \$474,671	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL DRII TOTAL COM Approved I Company:	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LUNG COST PLETION COST COMPLETED WELL COST		\$16,000 \$0 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$12,000 \$50,5558 \$5,500 \$12,209 \$474,671	



OPERATOR:		Longfellov	w Energy,	LP								
LEASE:		Bonzo Fed	deral Com	19-24CDX		WELL NO	. 002Н	FIELD:	Loco Hills	AFE #: 402	DATE:	3/31/2021
LOCATION:	SHL	1352'	FSL	397'	FWL	Section	20	17S-28E	PROPOSED TD:		ft (MD)	12,388
	BHL	1851'	FSL	2527'	FEL	Section	24	17S-27E	VERTICAL		RE-ENTRY	
OBJECTIVE:		Yeso Forn	nation		Est	imated @	3,900	ft TVD	HORIZONTAL	X	WORKOVER	
REMARKS:		Loco Hills	Project -	Eddy County	, NM					REVIEWED	BY:	

	INTANGIBLE DRILLING COSTS	DRILLING	COMPLETION	SUPPLEMENTAL
1-00	** IDC - DRILLING **			
1-02	Rig Diesel	\$38,232		
1-03	Rig Rentals	\$22,488		
1-04	Location / Construction	\$19,780		
1-05	Drilling Insurance	\$4,600		
1-06	Permits	\$12,000		
1-07	Title Opinion / Regulatory Fees	\$22,500		
1-08	Survey	\$7,500		
1-10	Right-of-Way	\$10,000		
1-12	Pit Lining / Fences	\$0		
1-14	Trucking	\$18,706		
1-16	Air / Gas Services	\$0		
1-18	Supervision	\$41,400		
1-19	Drilling Overhead	\$28,750		
1-20	Rig Mobilization / Demobilization	\$19,550		
1-22	Bits / Underreamers, Etc.	\$32,200		
1-23	Directional Tools & Supervision	\$97,750		
1-24	Hammer Rental / Supervision	\$0		
1-25	Cement Plug / Squeeze	\$0		
1-26	Drilling Mud & Transportation	\$32,200		
1-27	Mud Diesel	\$0		
1-28	Mud Logging & Geo-steering	\$17.250	1	
1-29	Mud Remediation	\$50,600		
1-30	Drill String & BHA Rental	\$6,900		
1-31	Coring	\$0		
1-32	Drill Stem Tests	\$0		
1 32	Contract Daywork Drilling	\$0		
1-34	10.0 days @ \$15,727 / day	\$157,274		
1-36	Casing Crews, PU & LD	\$19,320		
1-38	Fishing Tool Rentals	\$0		
1-40	Rathole / Mousehole / Conductor	\$19,320		
1-42	Water - Fresh / Brine	\$46,000		
1-43	Waste Water / Mud Disposal	\$4,600		
1-44	Well Control Equipment	\$0		
1-46	Trash Trailer	\$2,024		
1-48	Surface Pipe Cementing	\$18,400		
1-50	Intermediate Pipe Cementing	\$0		
1-51	Contractor Ser. (Roustabout, Testor, etc.)	\$27,673		
1-52	Production Casing Cementing	\$43,700		
1-56	Open-Hole Logging OH Logs & Core processing	\$0		
1-58	Drilling Contingencies	\$0		
1-60	Surface Damages	\$3,450		
1-62	Rotating Head & Expendables	\$2,668		
1-64	Miscellaneous Drilling	\$12,880		
1-66	Welding During Drilling	\$3,220		
1-68	Miscellaneous Equipment Rentals	\$43,126		
1-70	Centralizers & Float Equipment	\$29,440		
7	TOTAL INTANGIBLE DRILLING COSTS:	\$915,501	\$0	
	711.00000 PARISON O COOLO	ψ>13,301		
	TANGIBLE DRILLING COSTS:	DRILLING	COMPLETION	SUPPLEMENTAL
2-00	** IDC - DRILLING **		00.001.0011	
TUBULAR G	GOODS (Surf., Inter., Prod., Tbg)			
	Size Grade Weight Thread Length			
2-02	9-5/8" J-55 36.00 LT&C 1250	\$22,295		
2-04	7" L-80 32.00 BT&C 4100	\$99,760		
2-06	5-1/2" L-80 20.00 BT&C 6100	\$113,792		
		\$0		
	SURFACE EQUIPMENT	\$0		
2-10	Casinghead(s)	\$10,000		
2-12	Liner Hanger & Packer	\$0		
2-14	Open Hole Packers and Sleeves	\$0		
2-16	Miscellaneous	\$0		
2-18	Flowline & Valves	\$0	<u> </u>	
	TOTAL TANGIBLE DRILLING COSTS:	\$245,847	\$0	
1			1	í I



OPERATOR:		Longfellov	w Energy,	LP									
LEASE:		Bonzo Fed	deral Com	19-24CDX		WEL	L NO.	002H	FIELD:	Loco Hills	AFE #: 402	DATE:	3/31/2021
LOCATION:	SHL	1352'	FSL	397'	FWL	Se	ction	20	17S-28E	PROPOSED TD:		ft (MD)	12,388
	BHL	1851'	FSL	2527'	FEL	Se	ction	24	17S-27E	VERTICAL		RE-ENTRY	
OBJECTIVE:		Yeso Forn	nation		Est	timated	(a)	3,900	ft TVD	HORIZONTAL	X	WORKOVER	
REMARKS:		Loco Hills	Project -	Eddy County	NM						REVIEWED	RV:	

	INTANGIBLE COMPLETION COSTS:	DRILLING	COMPLETION	SUPPLEMENTAL
3-00	** IDC - COMPLETION **			
3-02	Acidizing		\$0	
3-04	Fracturing		\$1,396,286	
3-06	Perforating		\$123,000	
3-08	Cased Hole Logging		\$5,000	
3-10	CO2 / Boosters		\$16,000	
3-12	Electrician / Electrical Services		\$21,801	
3-14	Equipment Rentals		\$10,500	
3-15	Rentals- Potties, Lights, Trash Trailers		\$13,500	
3-16	Frac Tank Rentals		\$16,500	
3-18	Restore Location		\$1,000	
3-20	Right - Of - Way		\$4,734	
3-22	Roustabout Crews		\$56,246	
3-23	Cement Plugs/Bridge Plugs		\$36,000	
3-24	Supervision Supervision		\$21,250	
3-25	Completion Overhead		\$15,750	
3-26	Trucking		\$24,200	
3-27	Water Transfer- 10", Poly, Fill Pit		\$16,000	
3-28	Water Hauling - Fresh		\$685,800	
3-29	SW Disposal- Hauling, Paid Disposal, Poly		\$8,000	
3-30	Slickline Work		\$0	
3-31	Technical Labor		\$24,707	
3-31	Reverse Unit / Power Swivel		\$30,000	
3-33	Trucking- Kill Truck		\$0	
	Completion Rig / Daywork		\$0	
3-34	<u>8.7</u> days @ <u>\$3,800</u> / day		\$33,000	
3-36	Anchors		\$2,500	
3-38	Drill bits, Unde-reamers, Etc.		\$5,000	
3-40	Coiled Tubing Unit		\$0	
3-42	Completion Fluids - Mud, Etc.		\$5,000	
3-44	DH Tool Rental		\$18,000	
3-46	Fishing Tool Rental		\$0	
3-48	Tubing Testing & Inspection		\$9,750	
3-50	Press Control Equip Rental- BOPE, Frac Stack, Lubricator		\$129,000	
3-52	Well Testing Equipment & Labor		\$5,000	
3-54	Miscellaneous Completion		\$5,000	
3-56	Contingencies Completion		\$0	
TI	OTAL INTANGIBLE COMPLETION COSTS:	i	\$2,738,524	
10	TAL INTANGIBLE COMI LETION COSTS.		\$2,738,324	
	TANGIBLE COMPLETION COSTS:	DRILLING	COMPLETION	SUPPLEMENTAL
4.00	** IDC COMPLETION **			
4-00	** IDC - COMPLETION **			
4-01	Tubing		\$16,000	
			\$16,000 \$0	
4-01	Tubing			
4-01 4-02	Tubing Packers		\$0	
4-01 4-02 4-04 4-06	Tubing Packers Plugs Blast Joint		\$0 \$0 \$0	
4-01 4-02 4-04 4-06 4-08	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment		\$0 \$0 \$0 \$0 \$45,110	
4-01 4-02 4-04 4-06 4-08 4-09	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment		\$0 \$0 \$0 \$4,5110 \$4,600	
4-01 4-02 4-04 4-06 4-08 4-09 4-10	Tubing Packers Plugs Blast Joint Misscellaneous Completion Equipment Environmental Equipment Compression Equipment		\$0 \$0 \$0 \$45,110 \$4,600 \$0	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment		\$0 \$0 \$0 \$45,110 \$4,600 \$0	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc.		\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment		\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump		\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment		\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump		\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment Electrical Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks		\$0 \$0 \$50 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks		\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment		\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump		\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$5,57,479	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electration Equipment Electration Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pump Pumping Unit		\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$175,000	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-24	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String		\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electration Equipment Electration Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pump Pumping Unit		\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$50 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length		\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0	
4-01 4-02 4-04 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String		\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$50 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length		\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0	
4-01 4-02 4-04 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " Tubing Head		\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$0	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-22 4-24 4-26 4-28 4-30	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " Tubing Head Valves, Gauges and Miscellaneous		\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories		\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$175,000 \$0 \$0 \$175,000 \$0 \$0 \$175,000	
4-01 4-02 4-04 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline		\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$175,000 \$0 \$0 \$0 \$175,000 \$0 \$0 \$0 \$175,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	
4-01 4-02 4-04 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories		\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$175,000 \$0 \$0 \$175,000 \$0 \$0 \$175,000	
4-01 4-02 4-04 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-30 4-34 4-38 4-40	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline	81141249	\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$175,000 \$0 \$0 \$0 \$175,000 \$0 \$0 \$0 \$175,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	
4-01 4-02 4-04 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-30 4-34 4-38 4-40	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline FOTAL TANGIBLE COMPLETION COSTS: LLING COST	\$1,161,348	\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$175,000 \$0 \$0 \$175,000 \$0 \$1,200 \$0 \$0 \$0 \$0 \$1,200 \$0 \$0 \$1,400 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	
4-01 4-02 4-04 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-30 4-34 4-38 4-40	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline	\$1,161,348	\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$175,000 \$0 \$0 \$0 \$175,000 \$0 \$0 \$0 \$175,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	
4-01 4-02 4-04 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-24 4-28 4-30	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dephydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline COTAL TANGIBLE COMPLETION COSTS: LLING COST	\$1,161,348	\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$175,000 \$0 \$0 \$0 \$17,500 \$175,000 \$0 \$1,200 \$0 \$1,200 \$0 \$1,200 \$0 \$1,20	
4-01 4-02 4-04 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-24 4-28 4-30	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline FOTAL TANGIBLE COMPLETION COSTS: LLING COST	\$1,161,348	\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$175,000 \$0 \$0 \$175,000 \$0 \$1,200 \$0 \$0 \$0 \$0 \$1,200 \$0 \$0 \$1,400 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	
4-01 4-02 4-04 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-24 4-28 4-30 4-30 4-31	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dephydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline COTAL TANGIBLE COMPLETION COSTS: LLING COST	\$1,161,348	\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$175,000 \$0 \$0 \$0 \$17,500 \$175,000 \$0 \$1,200 \$0 \$1,200 \$0 \$1,200 \$0 \$1,20	
4-01 4-02 4-04 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-24 4-28 4-30	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline FOTAL TANGIBLE COMPLETION COSTS: LLING COST FIPLETION COST	\$1,161,348	\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$175,000 \$0 \$0 \$0 \$17,500 \$175,000 \$0 \$1,200 \$0 \$1,200 \$0 \$1,200 \$0 \$1,20	
4-01 4-02 4-04 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 OTAL ON	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline FOTAL TANGIBLE COMPLETION COSTS: LLING COST FIPLETION COST	\$1,161,348	\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$175,000 \$0 \$0 \$0 \$17,500 \$175,000 \$0 \$1,200 \$0 \$1,200 \$0 \$1,200 \$0 \$1,20	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-30 4-32 4-34 4-38 4-40 TAL COM	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline FOTAL TANGIBLE COMPLETION COSTS: LLING COST FIPLETION COST	\$1,161,348	\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$175,000 \$0 \$0 \$0 \$17,500 \$175,000 \$0 \$1,200 \$0 \$1,200 \$0 \$1,200 \$0 \$1,20	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-30 4-32 4-34 4-38 4-40 <i>OTAL COM</i>	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline FOTAL TANGIBLE COMPLETION COSTS: LLING COST FIPLETION COST	\$1,161,348	\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$175,000 \$0 \$0 \$0 \$17,500 \$175,000 \$0 \$1,200 \$0 \$1,200 \$0 \$1,200 \$0 \$1,20	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-30 4-32 4-34 4-38 4-40 TAL COM OTAL (Opproved 1)	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline FOTAL TANGIBLE COMPLETION COSTS: LLING COST FIPLETION COST	\$1,161,348	\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$175,000 \$0 \$0 \$0 \$17,500 \$175,000 \$0 \$1,200 \$0 \$1,200 \$0 \$1,200 \$0 \$1,20	
4-01 4-02 4-04 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 OTAL (OM)	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Dehydration Equipment Lightration Equipment Injection / Transfer Pump Meter & Manuella Equipment Meter & Manuella Equipment Meter Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline COTAL TANGIBLE COMPLETION COSTS: LLING COST MPLETION COST COMPLETED WELL COST by:	\$1,161,348	\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$175,000 \$0 \$0 \$0 \$17,500 \$175,000 \$0 \$1,200 \$0 \$1,200 \$0 \$1,200 \$0 \$1,20	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-30 4-32 4-34 4-38 4-40 TAL COM OTAL (Opproved 1)	Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline FOTAL TANGIBLE COMPLETION COSTS: LLING COST FIPLETION COST	\$1,161,348	\$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$175,000 \$0 \$0 \$0 \$17,500 \$175,000 \$0 \$1,200 \$0 \$1,200 \$0 \$1,200 \$0 \$1,20	



OPERATOR:		Longfellov	w Energy,	LP								
LEASE:		Bonzo Fed	deral Com	19-24CDX		WELL NO	O03H	FIELD:	Loco Hills	AFE #: 403	DATE:	3/31/2021
LOCATION:	SHL	1327'	FSL	397'	FWL	Section	20	17S-28E	PROPOSED TD:		ft (MD)	11,759
	BHL	1405'	FSL	2528'	FEL	Section	24	17S-27E	VERTICAL		RE-ENTRY	
OBJECTIVE:		Yeso Forn	nation		Est	imated @	3,500	ft TVD	HORIZONTAL	X	WORKOVER	
REMARKS:	,	Loco Hills	Project -	Eddy County	, NM			<u> </u>		REVIEWED	BY:	

	INTANGIBLE DRILLING COSTS	DRILLING	COMPLETION	SUPPLEMENTAL
1-00	** IDC - DRILLING **			
1-02	Rig Diesel	\$38,232		
1-03	Rig Rentals	\$22,488		
1-04	Location / Construction	\$19,780		
1-05	Drilling Insurance	\$4,600		
1-06	Permits	\$12,000		
1-07	Title Opinion / Regulatory Fees	\$22,500		
1-08	Survey	\$7,500		
1-10	Right-of-Way	\$10,000		
1-12	Pit Lining / Fences	\$0		
1-14	Trucking	\$18,706		
1-16	Air / Gas Services	\$0		
1-18	Supervision	\$41,400		
1-19	Drilling Overhead	\$28,750		
1-20	Rig Mobilization / Demobilization	\$19,550		
1-22	Bits / Underreamers, Etc.	\$32,200		
1-23	Directional Tools & Supervision	\$97,750		
1-24	Hammer Rental / Supervision	\$0		
1-25	Cement Plug / Squeeze	\$0		
1-26	Drilling Mud & Transportation	\$32,200		
1-27	Mud Diesel	\$0		
1-28	Mud Logging & Geo-steering	\$17,250		
1-29	Mud Remediation	\$50,600		
1-30	Drill String & BHA Rental	\$6,900		
1-31	Coring	\$0		
1-32	Drill Stem Tests	\$0		
	Contract Daywork Drilling	\$0		
1-34	10.0 days @ \$15,727 / day	\$157,274		
1-36	Casing Crews, PU & LD	\$19,320		
1-38	Fishing Tool Rentals	\$0		
1-40	Rathole / Mousehole / Conductor	\$19,320		
1-42	Water - Fresh / Brine	\$46,000		
1-43	Waste Water / Mud Disposal	\$4,600		
1-44	Well Control Equipment	\$0		
1-46	Trash Trailer	\$2,024		
1-48	Surface Pipe Cementing	\$18,400		
1-50	Intermediate Pipe Cementing	\$0		
1-51	Contractor Ser. (Roustabout, Testor, etc.)	\$27,673		
1-52	Production Casing Cementing	\$43,700 \$0		
1-56	Open-Hole Logging OH Logs & Core processing	\$0		
1-58 1-60	Drilling Contingencies Surface Damages	\$3,450		
		\$2,668		
1-62 1-64	Rotating Head & Expendables Miscellaneous Drilling	\$2,668		
1-64	Welding During Drilling	\$12,880 \$3,220		
1-68	Miscellaneous Equipment Rentals	\$43,126		
1-70	Centralizers & Float Equipment	\$29,440		
			60	
	TOTAL INTANGIBLE DRILLING COSTS:	\$915,501	\$0	
	TANGIBLE DRILLING COSTS:	DRILLING	COMPLETION	CEDDI PARAMET
		DKILLING	COMPLETION	SUPPLEMENTAL
2-00	** IDC - DRILLING **			
TUBULAR G	GOODS (Surf., Inter., Prod., Tbg)			
	Size Grade Weight Thread Length			
2-02	9-5/8" J-55 36.00 LT&C 1250	\$22,295		
2-04	7" L-80 32.00 BT&C 4100	\$99,760		
2-06	5-1/2" L-80 20.00 BT&C 6100	\$113,792		
		\$0		
	SURFACE EQUIPMENT	\$0		
2-10	Casinghead(s)	\$10,000		
2-12	Liner Hanger & Packer	\$0		
2-14	Open Hole Packers and Sleeves	\$0		
2-16	Miscellaneous	\$0		
2-18	Flowline & Valves	\$0		
	TOTAL TANGIBLE DRILLING COSTS:	\$245,847	\$0	



OPERATOR:		Longfellov	w Energy,	LP									
LEASE:		Bonzo Fed	deral Com	19-24CDX		WEL	L NO.	003H	FIELD:	Loco Hills	AFE #: 403	DATE:	3/31/2021
LOCATION:	SHL	1327'	FSL	397'	FWL	Sec	ction	20	17S-28E	PROPOSED TD:		ft (MD)	11,759
	BHL	1405'	FSL	2528'	FEL	Sec	ction	24	17S-27E	VERTICAL		RE-ENTRY	
OBJECTIVE:		Yeso Forn	nation		Est	timated	a	3,500	ft TVD	HORIZONTAL	X	WORKOVER	
REMARKS:		Loco Hills	Project -	Eddy County	NM						REVIEWED	BV:	

REMARKS.				
	INTANGIBLE COMPLETION COSTS:	DRILLING	COMPLETION	SUPPLEMENTAL
		DRILLING	COMILETION	SUITEMENTAL
3-00	** IDC - COMPLETION **			
3-02	Acidizing		\$0	
3-04	Fracturing		\$1,396,286	
3-06	Perforating		\$123,000	
3-08	Cased Hole Logging		\$5,000	
3-10	CO2 / Boosters		\$16,000	
3-12	Electrician / Electrical Services		\$21,801	
3-14	Equipment Rentals		\$10,500	
3-15	Rentals- Potties, Lights, Trash Trailers		\$13,500	
3-16	Frac Tank Rentals		\$16,500	
3-18	Restore Location		\$1,000	
3-20	Right - Of - Way		\$4,734	
3-22	Roustabout Crews		\$56,246	
3-23	Cement Plugs/Bridge Plugs		\$36,000	
3-24	Supervision		\$21,250	
3-25	Completion Overhead		\$15,750	
3-26	Trucking		\$24,200	
3-27	Water Transfer- 10", Poly, Fill Pit		\$16,000	
3-28	Water Hauling - Fresh		\$685,800	
3-29	SW Disposal- Hauling, Paid Disposal, Poly		\$8,000	
3-30	Slickline Work		\$0	
3-31	Technical Labor		\$24,707	
3-32	Reverse Unit / Power Swivel		\$30,000	
3-33	Trucking- Kill Truck		\$0	
3-33				-
	Completion Rig / Daywork		\$0	
3-34	<u>8.7</u> days @ <u>\$3,800</u> / day		\$33,000	
3-36	Anchors		\$2,500	
3-38	Drill bits, Unde-reamers, Etc.		\$5,000	
3-40	Coiled Tubing Unit		\$0	
3-42	Completion Fluids - Mud, Etc.		\$5,000	
3-44	DH Tool Rental		\$18,000	
3-46	Fishing Tool Rental		\$0	
3-48	Tubing Testing & Inspection		\$9,750	
3-50	Press Control Equip Rental- BOPE, Frac Stack, Lubricator		\$129,000	
3-52	Well Testing Equipment & Labor		\$5,000	
3-54	Miscellaneous Completion		\$5,000	
3-56	Contingencies Completion		\$0	
TO	OTAL INTANGIBLE COMPLETION COSTS:		\$2,738,524	
10	TAL INTANGIBLE COMI LETTON COSTS.		φ2,730,324	
	TANGIBLE COMPLETION COSTS:	DRILLING	COMPLETION	SUPPLEMENTAL.
	TANGIBLE COMPLETION COSTS:	DRILLING	COMPLETION	SUPPLEMENTAL
4-00	** IDC - COMPLETION **	DRILLING	COMPLETION	SUPPLEMENTAL
	** IDC - COMPLETION **	DRILLING		SUPPLEMENTAL
4-01	** IDC - COMPLETION ** Tubing	DRILLING	\$16,000	SUPPLEMENTAL
4-01 4-02	** IDC - COMPLETION ** Tubing Packers	DRILLING	\$16,000 \$0	SUPPLEMENTAL
4-01 4-02 4-04	** IDC - COMPLETION ** Tubing Packers Plugs	DRILLING	\$16,000 \$0 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint	DRILLING	\$16,000 \$0 \$0 \$0	SUPPLEMENTAL
4-01 4-02 4-04	** IDC - COMPLETION ** Tubing Packers Plugs	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment	DRILLING	\$16,000 \$0 \$0 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$1,110 \$45,110 \$4,600 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc.	DRILLING	\$16,000 \$0 \$0 \$0 \$50 \$45,110 \$4,600 \$0 \$0 \$74,257	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc.	DRILLING	\$16,000 \$0 \$0 \$0 \$50 \$45,110 \$4,600 \$0 \$0 \$74,257	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$50 \$74,257 \$5,500 \$7,292 \$30,434	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks	DRILLING	\$16,000 \$0 \$0 \$0 \$50 \$45,110 \$4,600 \$0 \$50 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment Electrical Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$0 \$57,479	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump	DRILLING	\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$0 \$57,479	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-24	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pump Pumping Unit	DRILLING	\$16,000 \$0 \$0 \$0 \$50 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment Electrical Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String	DRILLING	\$16,000 \$0 \$0 \$0 \$50 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pump Pumping Unit	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-24	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pump Pumping Unit Rod String Size Class Length	DRILLING	\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$57,479 \$57,479	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length """ " " " " " " " " " " " " " " " "	DRILLING	\$16,000 \$0 \$0 \$0 \$50 \$45,110 \$4,600 \$0 \$50 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head	DRILLING	\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length """ " " " " " " " " " " " " " " " "	DRILLING	\$16,000 \$0 \$0 \$0 \$50 \$45,110 \$4,600 \$0 \$50 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$1,000 \$4,600 \$0 \$1,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$1,200 \$0 \$1,200 \$0 \$0 \$1,200 \$0 \$0 \$1,200 \$0 \$0 \$1,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories	DRILLING	\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$5,479 \$175,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline	DRILLING	\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$0 \$175,000 \$0 \$57,479 \$175,000 \$0 \$0 \$50 \$12,000 \$0 \$0 \$12,000 \$0 \$12,000 \$12,000	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories	DRILLING	\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$5,479 \$175,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline		\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$0 \$175,000 \$0 \$57,479 \$175,000 \$0 \$0 \$50 \$12,000 \$0 \$0 \$12,000 \$0 \$12,000 \$12,000	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline COTAL TANGIBLE COMPLETION COSTS: LING COST	\$1,161,348	\$16,000 \$50 \$0 \$50 \$50 \$45,110 \$4,600 \$0 \$50 \$50 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$50 \$57,479 \$175,000 \$0 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline		\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$0 \$175,000 \$0 \$57,479 \$175,000 \$0 \$0 \$50 \$12,000 \$0 \$0 \$12,000 \$0 \$12,000 \$12,000	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 7	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LLING COST		\$16,000 \$0 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$12,000 \$50,5558 \$5,500 \$12,209 \$474,671	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL DRIII	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LLING COST		\$16,000 \$0 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$12,000 \$50,5558 \$5,500 \$12,209 \$474,671	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL DRIII	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline COTAL TANGIBLE COMPLETION COSTS: LING COST		\$16,000 \$50 \$0 \$50 \$50 \$45,110 \$4,600 \$0 \$50 \$50 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$50 \$57,479 \$175,000 \$0 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL ONL	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LUNG COST PLETION COST COMPLETED WELL COST		\$16,000 \$0 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$12,000 \$50,5558 \$5,500 \$12,209 \$474,671	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL DRIK TOTAL COM	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LUNG COST PLETION COST COMPLETED WELL COST		\$16,000 \$0 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$12,000 \$50,5558 \$5,500 \$12,209 \$474,671	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL DRII TOTAL COM	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LUNG COST PLETION COST COMPLETED WELL COST		\$16,000 \$0 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$12,000 \$50,5558 \$5,500 \$12,209 \$474,671	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL ONL	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LUNG COST PLETION COST COMPLETED WELL COST		\$16,000 \$0 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$12,000 \$50,5558 \$5,500 \$12,209 \$474,671	
4-01 4-02 4-04 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL ORD TOTAL COM	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LUNG COST PLETION COST COMPLETED WELL COST		\$16,000 \$0 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$12,000 \$50,5558 \$5,500 \$12,209 \$474,671	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL DRII TOTAL COM	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LUNG COST PLETION COST COMPLETED WELL COST		\$16,000 \$0 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$12,000 \$50,5558 \$5,500 \$12,209 \$474,671	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL DRII TOTAL COM Approved I Company:	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LUNG COST PLETION COST COMPLETED WELL COST		\$16,000 \$0 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$12,000 \$50,5558 \$5,500 \$12,209 \$474,671	



OPERATOR:		Longfellov	w Energy,	LP									
LEASE:		Bonzo Fed	deral Com	19-24CDX		1	WELL NO.	004H	FIELD:	Loco Hills	AFE #: 404	DATE:	3/31/2021
LOCATION:	SHL	1302'	FSL	397'	FWL		Section	20	17S-28E	PROPOSED TD:		ft (MD)	12,215
	BHL	999'	FSL	2529'	FEL		Section	24	17S-27E	VERTICAL		RE-ENTRY	
OBJECTIVE:		Yeso Forn	nation		Est	timated	(a)	3,900	ft TVD	HORIZONTAL	X	WORKOVER	
REMARKS:		Loco Hills	Project -	Eddy County	NM						REVIEWED	RV:	

	INTANGIBLE DRILLING COSTS	DRILLING	COMPLETION	SUPPLEMENTAL
1-00	** IDC - DRILLING **	DRIEDING	COM BETON	BOTT EDMENTILE
1-02	Rig Diesel	\$38,232		
1-02		\$36,232		
1-04	Rig Rentals Location / Construction	\$19.780		
1-04	Drilling Insurance	\$4,600		
1-05	Permits	\$12,000		
1-06	Title Opinion / Regulatory Fees	\$22,500		
		\$7,500		
1-08 1-10	Survey	\$10,000		
1-10	Right-of-Way Pit Lining / Fences	\$10,000		
1-12	Trucking	\$18,706		
		\$18,706		
1-16	Air / Gas Services	\$41,400		
1-18 1-19	Supervision Drilling Overhead	\$28.750		
1-19	Rig Mobilization / Demobilization	\$26,750 \$19,550		
1-22	Bits / Underreamers, Etc.	\$32,200		
1-23	Directional Tools & Supervision	\$97,750		
1-24	Hammer Rental / Supervision	\$0		
1-25	Cement Plug / Squeeze	\$0 \$32,200		
1-26	Drilling Mud & Transportation			
1-27	Mud Diesel	\$0		
1-28	Mud Logging & Geo-steering	\$17,250		
1-29	Mud Remediation	\$50,600		
1-30	Drill String & BHA Rental	\$6,900		
1-31	Coring	\$0		
1-32	Drill Stem Tests	\$0		
	Contract Daywork Drilling	\$0		
1-34	10.0 days @ \$15,727 / day	\$157,274		
1-36	Casing Crews, PU & LD	\$19,320		
1-38	Fishing Tool Rentals	\$0		
1-40	Rathole / Mousehole / Conductor	\$19,320		
1-42	Water - Fresh / Brine	\$46,000 \$4,600		
1-43	Waste Water / Mud Disposal	- 7		
1-44	Well Control Equipment	\$0		
1-46	Trash Trailer	\$2,024		
1-48	Surface Pipe Cementing	\$18,400		
1-50	Intermediate Pipe Cementing	\$0		
1-51	Contractor Ser. (Roustabout, Testor, etc.)	\$27,673 \$43,700		
1-52	Production Casing Cementing			
1-56	Open-Hole Logging OH Logs & Core processing	\$0		
1-58 1-60	Drilling Contingencies	\$0 \$3,450		
	Surface Damages	\$3,430		
1-62	Rotating Head & Expendables	\$12,880		
1-64	Miscellaneous Drilling	\$12,880		
1-66	Welding During Drilling			
1-68 1-70	Miscellaneous Equipment Rentals	\$43,126 \$29,440		
	Centralizers & Float Equipment			
1	TOTAL INTANGIBLE DRILLING COSTS:	\$915,501	\$0	
				ar
	TANGIBLE DRILLING COSTS:	DRILLING	COMPLETION	SUPPLEMENTAL
2-00	** IDC - DRILLING **			
TUBULAR G	GOODS (Surf., Inter., Prod., Tbg)			
	Size Grade Weight Thread Length			[
2-02	9-5/8" J-55 36.00 LT&C 1250	\$22,295		
2-04	7" L-80 32.00 BT&C 4100	\$99,760		
2-06	5-1/2" L-80 20.00 BT&C 6100	\$113,792		
		\$0		
DRILLING -	SURFACE EQUIPMENT	\$0		
2-10	Casinghead(s)	\$10,000		
2-12	Liner Hanger & Packer	\$0		
2-14	Open Hole Packers and Sleeves	\$0		
2-16	Miscellaneous	\$0		
2-18	Flowline & Valves	\$0		
	TOTAL TANGIBLE DRILLING COSTS:	\$245,847	\$0	
	TOTAL TANGIBLE DRILLING COSTS:	\$243,847	\$0	
		1		



OPERATOR:		Longfellov	w Energy,	LP									
LEASE:		Bonzo Fee	deral Com	19-24CDX		WEL	L NO.	004H	FIELD:	Loco Hills	AFE #: 404	DATE:	3/31/2021
LOCATION:	SHL	1302'	FSL	397'	FWL	Se	ection	20	17S-28E	PROPOSED TD:		ft (MD)	12,215
	BHL	999'	FSL	2529'	FEL	Se	ection	24	17S-27E	VERTICAL		RE-ENTRY	
OBJECTIVE:		Yeso Form	nation		Est	timated	(a)	3,900	ft TVD	HORIZONTAL	X	WORKOVER	
REMARKS:		Loco Hills	Project -	Eddy County	NM						REVIEWED	RV:	

REMARKS.				
	INTANGIBLE COMPLETION COSTS:	DRILLING	COMPLETION	SUPPLEMENTAL
		DRILLING	COMILETION	SUITEMENTAL
3-00	** IDC - COMPLETION **			
3-02	Acidizing		\$0	
3-04	Fracturing		\$1,396,286	
3-06	Perforating		\$123,000	
3-08	Cased Hole Logging		\$5,000	
3-10	CO2 / Boosters		\$16,000	
3-12	Electrician / Electrical Services		\$21,801	
3-14	Equipment Rentals		\$10,500	
3-15	Rentals- Potties, Lights, Trash Trailers		\$13,500	
3-16	Frac Tank Rentals		\$16,500	
3-18	Restore Location		\$1,000	
3-20	Right - Of - Way		\$4,734	
3-22	Roustabout Crews		\$56,246	
3-23	Cement Plugs/Bridge Plugs		\$36,000	
3-24	Supervision		\$21,250	
3-25	Completion Overhead		\$15,750	
3-26	Trucking		\$24,200	
3-27	Water Transfer- 10", Poly, Fill Pit		\$16,000	
3-28	Water Hauling - Fresh		\$685,800	
3-29	SW Disposal- Hauling, Paid Disposal, Poly		\$8,000	
3-30	Slickline Work		\$0	
3-31	Technical Labor		\$24,707	
3-32	Reverse Unit / Power Swivel		\$30,000	
3-33	Trucking- Kill Truck		\$0	
3-33				-
	Completion Rig / Daywork		\$0	
3-34	<u>8.7</u> days @ <u>\$3,800</u> / day		\$33,000	
3-36	Anchors		\$2,500	
3-38	Drill bits, Unde-reamers, Etc.		\$5,000	
3-40	Coiled Tubing Unit		\$0	
3-42	Completion Fluids - Mud, Etc.		\$5,000	
3-44	DH Tool Rental		\$18,000	
3-46	Fishing Tool Rental		\$0	
3-48	Tubing Testing & Inspection		\$9,750	
3-50	Press Control Equip Rental- BOPE, Frac Stack, Lubricator		\$129,000	
3-52	Well Testing Equipment & Labor		\$5,000	
3-54	Miscellaneous Completion		\$5,000	
3-56	Contingencies Completion		\$0	
TO	OTAL INTANGIBLE COMPLETION COSTS:		\$2,738,524	
10	TAL INTANGIBLE COMI LETTON COSTS.		φ2,730,324	
	TANGIBLE COMPLETION COSTS:	DRILLING	COMPLETION	SUPPLEMENTAL.
	TANGIBLE COMPLETION COSTS:	DRILLING	COMPLETION	SUPPLEMENTAL
4-00	** IDC - COMPLETION **	DRILLING	COMPLETION	SUPPLEMENTAL
	** IDC - COMPLETION **	DRILLING		SUPPLEMENTAL
4-01	** IDC - COMPLETION ** Tubing	DRILLING	\$16,000	SUPPLEMENTAL
4-01 4-02	** IDC - COMPLETION ** Tubing Packers	DRILLING	\$16,000 \$0	SUPPLEMENTAL
4-01 4-02 4-04	** IDC - COMPLETION ** Tubing Packers Plugs	DRILLING	\$16,000 \$0 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint	DRILLING	\$16,000 \$0 \$0 \$0	SUPPLEMENTAL
4-01 4-02 4-04	** IDC - COMPLETION ** Tubing Packers Plugs	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment	DRILLING	\$16,000 \$0 \$0 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$1,110 \$45,110 \$4,600 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc.	DRILLING	\$16,000 \$0 \$0 \$0 \$50 \$45,110 \$4,600 \$0 \$0 \$74,257	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc.	DRILLING	\$16,000 \$0 \$0 \$0 \$50 \$45,110 \$4,600 \$0 \$0 \$74,257	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$50 \$74,257 \$5,500 \$7,292 \$30,434	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks	DRILLING	\$16,000 \$0 \$0 \$0 \$50 \$45,110 \$4,600 \$0 \$50 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment Electrical Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$0 \$57,479	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump	DRILLING	\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$0 \$57,479	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-24	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pump Pumping Unit	DRILLING	\$16,000 \$0 \$0 \$0 \$50 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment Electrical Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String	DRILLING	\$16,000 \$0 \$0 \$0 \$50 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pump Pumping Unit	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-24	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pump Pumping Unit Rod String Size Class Length	DRILLING	\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$57,479 \$57,479	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length """ " " " " " " " " " " " " " " " "	DRILLING	\$16,000 \$0 \$0 \$0 \$50 \$45,110 \$4,600 \$0 \$50 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head	DRILLING	\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length """ " " " " " " " " " " " " " " " "	DRILLING	\$16,000 \$0 \$0 \$0 \$50 \$45,110 \$4,600 \$0 \$50 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$1,000 \$4,600 \$0 \$1,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$1,200 \$0 \$1,200 \$0 \$0 \$1,200 \$0 \$0 \$1,200 \$0 \$0 \$1,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories	DRILLING	\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$5,479 \$175,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline	DRILLING	\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$0 \$175,000 \$0 \$57,479 \$175,000 \$0 \$0 \$50 \$12,000 \$0 \$0 \$12,000 \$0 \$12,000 \$12,000	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories	DRILLING	\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$5,479 \$175,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline		\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$0 \$175,000 \$0 \$57,479 \$175,000 \$0 \$0 \$50 \$12,000 \$0 \$0 \$12,000 \$0 \$12,000 \$12,000	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline COTAL TANGIBLE COMPLETION COSTS: LING COST	\$1,161,348	\$16,000 \$50 \$0 \$50 \$50 \$45,110 \$4,600 \$0 \$50 \$50 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$50 \$57,479 \$175,000 \$0 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline		\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$0 \$175,000 \$0 \$57,479 \$175,000 \$0 \$0 \$50 \$12,000 \$0 \$0 \$12,000 \$0 \$12,000 \$12,000	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 7	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LLING COST		\$16,000 \$0 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$12,000 \$50,5558 \$5,500 \$12,209 \$474,671	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL DRIII	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LLING COST		\$16,000 \$0 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$12,000 \$50,5558 \$5,500 \$12,209 \$474,671	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL DRIII	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline COTAL TANGIBLE COMPLETION COSTS: LING COST		\$16,000 \$50 \$0 \$50 \$50 \$45,110 \$4,600 \$0 \$50 \$50 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$50 \$57,479 \$175,000 \$0 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL ONL	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LUNG COST PLETION COST COMPLETED WELL COST		\$16,000 \$0 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$12,000 \$50,5558 \$5,500 \$12,209 \$474,671	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL DRIK TOTAL COM	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LUNG COST PLETION COST COMPLETED WELL COST		\$16,000 \$0 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$12,000 \$50,5558 \$5,500 \$12,209 \$474,671	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL DRII TOTAL COM	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LUNG COST PLETION COST COMPLETED WELL COST		\$16,000 \$0 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$12,000 \$50,5558 \$5,500 \$12,209 \$474,671	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL ONL	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LUNG COST PLETION COST COMPLETED WELL COST		\$16,000 \$0 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$12,000 \$50,5558 \$5,500 \$12,209 \$474,671	
4-01 4-02 4-04 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL ORD TOTAL COM	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LUNG COST PLETION COST COMPLETED WELL COST		\$16,000 \$0 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$12,000 \$50,5558 \$5,500 \$12,209 \$474,671	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL DRII TOTAL COM	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LUNG COST PLETION COST COMPLETED WELL COST		\$16,000 \$0 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$12,000 \$50,5558 \$5,500 \$12,209 \$474,671	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL DRII TOTAL COM Approved I Company:	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LUNG COST PLETION COST COMPLETED WELL COST		\$16,000 \$0 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$0 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$12,000 \$50,5558 \$5,500 \$12,209 \$474,671	



OPERATOR:		Longfellov	w Energy,	LP									
LEASE:		Bonzo Fed	deral Com	19-24CDX		W	ELL NO.	005H	FIELD:	Loco Hills	AFE #: 405	DATE:	3/31/2021
LOCATION:	SHL	1277'	FSL	397'	FWL		Section	20	17S-28E	PROPOSED TD:		ft (MD)	12,090
	BHL	573'	FSL	2530'	FEL		Section	24	17S-27E	VERTICAL		RE-ENTRY	
OBJECTIVE:		Yeso Forn	nation		Est	timated	a	3,500	ft TVD	HORIZONTAL	X	WORKOVER	
REMARKS:		Loco Hills	Project -	Eddy County	NM						REVIEWED	RV:	

	INTANGIBLE DRILLING COSTS	DRILLING	COMPLETION	SUPPLEMENTAL
1.00		DRILLING	COMPLETION	SUFFLEMENTAL
1-00	** IDC - DRILLING **	***		
1-02	Rig Diesel	\$38,232		
1-03	Rig Rentals	\$22,488		
1-04	Location / Construction	\$19,780		
1-05	Drilling Insurance	\$4,600		
1-06	Permits	\$12,000		
1-07	Title Opinion / Regulatory Fees	\$22,500		
1-08	Survey	\$7,500		
1-10	Right-of-Way	\$10,000		
1-12	Pit Lining / Fences	\$0		
1-14	Trucking	\$18,706		
1-16	Air / Gas Services	\$0		
1-18	Supervision	\$41,400		
1-19	Drilling Overhead	\$28,750		
1-20	Rig Mobilization / Demobilization	\$19,550		
1-22	Bits / Underreamers, Etc.	\$32,200		
1-23	Directional Tools & Supervision	\$97,750		
1-24	Hammer Rental / Supervision	\$0		
1-24	Cement Plug / Squeeze	\$0		I
		\$32,200		l
1-26	Drilling Mud & Transportation			
1-27	Mud Diesel	\$0		
1-28	Mud Logging & Geo-steering	\$17,250		
1-29	Mud Remediation	\$50,600		
1-30	Drill String & BHA Rental	\$6,900		
1-31	Coring	\$0		
1-32	Drill Stem Tests	\$0		
	Contract Daywork Drilling	\$0		
1-34	10.0 days @ \$15,727 / day	\$157,274		
1-36	Casing Crews, PU & LD	\$19,320		
1-38	Fishing Tool Rentals	\$0		
1-40	Rathole / Mousehole / Conductor	\$19,320		
1-42	Water - Fresh / Brine	\$46,000		
1-43	Waste Water / Mud Disposal	\$4,600		
1-44	Well Control Equipment	\$0		
1-46	Trash Trailer	\$2,024		
1-48	Surface Pipe Cementing	\$18,400		
1-50	Intermediate Pipe Cementing	\$0		
1-51	Contractor Ser. (Roustabout, Testor, etc.)	\$27,673		
1-52	Production Casing Cementing	\$43,700		
1-56	Open-Hole Logging OH Logs & Core processing	\$0		
1-58	Drilling Contingencies	\$0		
1-60	Surface Damages	\$3,450		
1-62	Rotating Head & Expendables	\$2,668		
1-64	Miscellaneous Drilling	\$12,880		
1-66	Welding During Drilling	\$3,220		
1-68	Miscellaneous Equipment Rentals	\$43,126		
1-70	Centralizers & Float Equipment	\$29,440		<u> </u>
-				
1	TOTAL INTANGIBLE DRILLING COSTS:	\$915,501	\$0	ı
	TANGIBLE DRILLING COSTS:	DRILLING	COMPLETION	SUPPLEMENTAL
2-00	** IDC - DRILLING **			
TUBULAR G	GOODS (Surf., Inter., Prod., Tbg)			
	Size Grade Weight Thread Length			
2-02	9-5/8" J-55 36.00 LT&C 1250	\$22,295		
2-04	7" L-80 32.00 BT&C 4100	\$99,760		
2-06	5-1/2" L-80 20.00 BT&C 6100	\$113,792		
200	2000 0100	\$0		
DRILLING -	SURFACE EQUIPMENT	\$0		
2-10	Casinghead(s)	\$10,000		1
2-10	Liner Hanger & Packer	\$0		
2-12	Open Hole Packers and Sleeves	\$0		
2-14		\$0		I
2-16 2-18	Miscellaneous	\$0		I
2-18	Flowline & Valves			<u> </u>
	TOTAL TANGIBLE DRILLING COSTS:	\$245,847	\$0	



OPERATOR:		Longfellov	w Energy,	LP									
LEASE:		Bonzo Fee	deral Com	19-24CDX		WEL	L NO.	005H	FIELD:	Loco Hills	AFE #: 405	DATE:	3/31/2021
LOCATION:	SHL	1277'	FSL	397'	FWL	Se	ction	20	17S-28E	PROPOSED TD:		ft (MD)	12,090
	BHL	573'	FSL	2530'	FEL	Se	ction	24	17S-27E	VERTICAL		RE-ENTRY	
OBJECTIVE:		Yeso Form	nation		Est	timated	(a)	3,500	ft TVD	HORIZONTAL	X	WORKOVER	
REMARKS:		Loco Hills	Project -	Eddy County	NM						REVIEWED	RV:	

	INTANGIBLE COMPLETION COSTS:	DRILLING	COMPLETION	SUPPLEMENTAL
3-00	** IDC - COMPLETION **			
3-02	Acidizing		\$0	
3-02			\$1,396,286	
	Fracturing			
3-06	Perforating		\$123,000	
3-08	Cased Hole Logging		\$5,000	
3-10	CO2 / Boosters		\$16,000	
3-12	Electrician / Electrical Services		\$21,801	
3-14	Equipment Rentals		\$10,500	
3-15	Rentals- Potties, Lights, Trash Trailers		\$13,500	
3-16	Frac Tank Rentals		\$16,500	
3-18	Restore Location		\$1,000	
3-20	Right - Of - Way		\$4,734	
3-22	Roustabout Crews		\$56,246	
3-23	Cement Plugs/Bridge Plugs		\$36,000	
3-24	Supervision		\$21,250	
3-25	Completion Overhead		\$15,750	
3-26	Trucking		\$24,200	
3-20	Water Transfer- 10", Poly, Fill Pit		\$16,000	
1				
3-28	Water Hauling - Fresh		\$685,800	
3-29	SW Disposal- Hauling, Paid Disposal, Poly		\$8,000	
3-30	Slickline Work		\$0	
3-31	Technical Labor		\$24,707	
3-32	Reverse Unit / Power Swivel		\$30,000	
3-33	Trucking- Kill Truck		\$0	
	Completion Rig / Daywork		\$0	
3-34	8.7 days @ \$3,800 / day		\$33,000	
3-36	Anchors		\$2,500	
3-38	Drill bits, Unde-reamers, Etc.		\$5,000	
3-40	Coiled Tubing Unit		\$0	
3-42	Completion Fluids - Mud, Etc.		\$5,000	
3-44	DH Tool Rental		\$18,000	
3-44	Fishing Tool Rental		\$18,000	
1				
3-48	Tubing Testing & Inspection		\$9,750	
3-50	Press Control Equip Rental- BOPE, Frac Stack, Lubricator		\$129,000	
3-52	Well Testing Equipment & Labor		\$5,000	
3-54	Miscellaneous Completion		\$5,000	
3-56	Contingencies Completion		\$0	
TO	OTAL INTANGIBLE COMPLETION COSTS:		\$2,738,524	
		D. D. V. V. V. C.	GOLDA PERSON	CLIPPA TARANTA
	TANGIBLE COMPLETION COSTS:	DRILLING	COMPLETION	SUPPLEMENTAL
4-00	** IDC - COMPLETION **	DRILLING	COMPLETION	SUITEMENTAL
4-00 4-01		DRILLING	\$16,000	JOHNEMAN
	** IDC - COMPLETION ** Tubing	DRILLING	\$16,000	JULIERUALAL
4-01 4-02	** IDC - COMPLETION ** Tubing Packers	DRILLING	\$16,000 \$0	SCITEMENTAL
4-01 4-02 4-04	** IDC - COMPLETION ** Tubing Packers Plugs	DRILLING	\$16,000 \$0 \$0	OUL LEASTER VIAL
4-01 4-02 4-04 4-06	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint	DRILLING	\$16,000 \$0 \$0 \$0	VCI I LEMINITATE
4-01 4-02 4-04 4-06 4-08	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0	VCLLADORIA TECL
4-01 4-02 4-04 4-06 4-08 4-09	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600	JULI LEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0	UCI I Jamin II (L)
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0	VCI I Jamin II II.
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc.	DRILLING	\$16,000 \$0 \$0 \$0 \$50 \$45,110 \$4,600 \$0 \$0 \$74,257	VCLLIdatio II.Ab
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500	JULI LEMENTIALE
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$50 \$74,257 \$5,500 \$7,292 \$30,434	VCI I Identia II III
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks	DRILLING	\$16,000 \$0 \$0 \$0 \$50 \$45,110 \$4,600 \$0 \$50 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212	VCLL Laborita VLCL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$1,257 \$5,500 \$7,292 \$30,434 \$26,212	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump	DRILLING	\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pump Pumping Unit	DRILLING	\$16,000 \$0 \$0 \$0 \$50 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String	DRILLING	\$16,000 \$0 \$0 \$0 \$50 \$4,600 \$0 \$1,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pump Pumping Unit		\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pump Pumping Unit Rod String Size Class Length	DRILLING	\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$57,479 \$175,000	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String		\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pump Pumping Unit Rod String Size Class Length		\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$57,479 \$175,000	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pump Pumping Unit Rod String Size Class Length " " , "	DRILLING	\$16,000 \$0 \$0 \$0 \$50 \$45,110 \$4,600 \$0 \$50 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$175,000 \$0 \$57,479 \$175,000	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " Tubing Head		\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length Tubing Head Valves, Gauges and Miscellaneous		\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$1,200 \$0 \$1,200 \$0 \$0 \$1,200 \$0 \$0 \$1,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline		\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$0 \$175,000 \$0 \$0 \$5,479 \$175,000 \$0 \$0 \$12,000 \$0 \$0 \$12,000 \$0 \$12,000	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline		\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$0 \$5,479 \$175,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline	\$1,161,348	\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$0 \$175,000 \$0 \$0 \$5,479 \$175,000 \$0 \$0 \$12,000 \$0 \$0 \$12,000 \$0 \$12,000	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline		\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$0 \$175,000 \$0 \$0 \$5,479 \$175,000 \$0 \$0 \$12,000 \$0 \$0 \$12,000 \$0 \$12,000	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL DRIII	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LLING COST PLETION COST		\$16,000 \$50 \$0 \$50 \$50 \$45,110 \$4,600 \$0 \$50 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$50 \$57,479 \$175,000 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 7 TOTAL DRIII	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LLING COST		\$16,000 \$50 \$0 \$50 \$50 \$45,110 \$4,600 \$0 \$50 \$50 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$50 \$57,479 \$175,000 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL ON	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pump Pump Pump Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LING COST IPLETION COST		\$16,000 \$50 \$0 \$50 \$50 \$45,110 \$4,600 \$0 \$50 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$50 \$57,479 \$175,000 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL DRIII	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pump Pump Pump Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LING COST IPLETION COST		\$16,000 \$50 \$0 \$50 \$50 \$45,110 \$4,600 \$0 \$50 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$50 \$57,479 \$175,000 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL DRII TOTAL COM	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pump Pump Pump Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LING COST IPLETION COST		\$16,000 \$50 \$0 \$50 \$50 \$45,110 \$4,600 \$0 \$50 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$50 \$57,479 \$175,000 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL ON	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pump Pump Pump Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LING COST IPLETION COST		\$16,000 \$50 \$0 \$50 \$50 \$45,110 \$4,600 \$0 \$50 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$50 \$57,479 \$175,000 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL DRII TOTAL COM Approved I Company:	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pump Pump Pump Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LING COST IPLETION COST		\$16,000 \$50 \$0 \$50 \$50 \$45,110 \$4,600 \$0 \$50 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$50 \$57,479 \$175,000 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL DRII TOTAL COM	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pump Pump Pump Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LING COST IPLETION COST		\$16,000 \$50 \$0 \$50 \$50 \$45,110 \$4,600 \$0 \$50 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$50 \$57,479 \$175,000 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50	
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30 4-32 4-34 4-38 4-40 TOTAL DRII TOTAL COM	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Debydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Metre & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pump Pump Pump Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous Artificial Lift and Accessories Flowline OTAL TANGIBLE COMPLETION COSTS: LING COST IPLETION COST		\$16,000 \$50 \$0 \$50 \$50 \$45,110 \$4,600 \$0 \$50 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$50 \$57,479 \$175,000 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50	



OPERATOR:		Longfellov	v Energy	I.P								
LEASE:			637	19-24CDX		WELL NO	006Н	FIELD:	Loco Hills	AFE #: 406	DATE:	3/31/2021
LOCATION:	SHL	1252'	FSL	397'	FWL	Section	20	17S-28E	PROPOSED TD:		ft (MD)	12,844
	BHL	147'	FSL	2531'	FEL	Section	24	17S-27E	VERTICAL		RE-ENTRY	
OBJECTIVE:		Yeso Forn	nation		Est	imated @	3,900	ft TVD	HORIZONTAL	X	WORKOVER	
REMARKS.		Loco Hills	Project -	Eddy County	NM					REVIEWED	RV.	

	INTANGIBLE DRILLING COSTS	DRILLING	COMPLETION	SUPPLEMENTAL
1-00	** IDC - DRILLING **			
1-02	Rig Diesel	\$38,232		
1-03	Rig Rentals	\$22,488		
1-04	Location / Construction	\$19,780		
1-05	Drilling Insurance	\$4,600		
1-06	Permits	\$12,000		
1-07	Title Opinion / Regulatory Fees	\$22,500		
1-08	Survey	\$7,500		
1-10	Right-of-Way	\$10,000		
1-12	Pit Lining / Fences	\$0		
1-14	Trucking	\$18,706		
1-16	Air / Gas Services	\$0		
1-18	Supervision	\$41,400		
1-19	Drilling Overhead	\$28,750		
1-20	Rig Mobilization / Demobilization	\$19,550		
1-22	Bits / Underreamers, Etc.	\$32,200		
1-23	Directional Tools & Supervision	\$97,750		
1-24	Hammer Rental / Supervision	\$0		
1-25	Cement Plug / Squeeze	\$0		
1-26	Drilling Mud & Transportation	\$32,200		
1-27	Mud Diesel	\$0		
1-28	Mud Logging & Geo-steering	\$17,250		
1-29	Mud Remediation	\$50,600		
1-30	Drill String & BHA Rental	\$6,900		
1-31	Coring	\$0		
1-32	Drill Stem Tests	\$0		
	Contract Daywork Drilling	\$0		
1-34	10.0 days @ \$15.727 / day	\$157,274		
1-36	Casing Crews, PU & LD	\$19,320		
1-38	Fishing Tool Rentals	\$0		
1-40	Rathole / Mousehole / Conductor	\$19,320		
1-42	Water - Fresh / Brine	\$46,000		
1-43	Waste Water / Mud Disposal	\$4,600		
1-44	Well Control Equipment	\$0		
1-46	Trash Trailer	\$2,024		
1-48	Surface Pipe Cementing	\$18,400		
1-50	Intermediate Pipe Cementing	\$0		
1-51	Contractor Ser. (Roustabout, Testor, etc.)	\$27,673		
1-52	Production Casing Cementing	\$43,700		
1-56	Open-Hole Logging OH Logs & Core processing	\$0		
1-58	Drilling Contingencies	\$0		
1-60	Surface Damages	\$3,450		
1-62	Rotating Head & Expendables	\$2,668		
1-64	Miscellaneous Drilling	\$12,880		
1-66	Welding During Drilling	\$3,220		
1-68	Miscellaneous Equipment Rentals	\$43,126		
1-70	Centralizers & Float Equipment	\$29,440		
1	TOTAL INTANGIBLE DRILLING COSTS:	\$915,501	\$0	
		<i>-</i> 510,001	40	
	TANGIBLE DRILLING COSTS:	DRILLING	COMPLETION	SUPPLEMENTAL
2-00	** IDC - DRILLING **			
	·			
TUBULAR G	GOODS (Surf., Inter., Prod., Tbg)			
	Size Grade Weight Thread Length	100		
2-02	9-5/8" J-55 36.00 LT&C 1250	\$22,295	<u> </u>	
2-04	7" L-80 32.00 BT&C 4100	\$99,760		
2-06	5-1/2" L-80 20.00 BT&C 6100	\$113,792	<u> </u>	
DDH Y DIG	CURE CO FOUNDMENT	\$0		
	SURFACE EQUIPMENT	\$0	<u> </u>	
2-10	Casinghead(s)	\$10,000	<u> </u>	
2-12	Liner Hanger & Packer	\$0	<u> </u>	
2-14	Open Hole Packers and Sleeves	\$0		
2-16	Miscellaneous	\$0	<u> </u>	
2-18	Flowline & Valves	\$0		
	TOTAL TANGIBLE DRILLING COSTS:	\$245,847	\$0	



OPERATOR:		Longfellov	v Energy.	LP									
LEASE:			- 637	19-24CDX		WELL	NO. 006	H FIELD:		Loco Hills	AFE #: 406	DATE:	3/31/2021
LOCATION:	SHL	1252'	FSL	397'	FWL	Secti	on 20	17S-28E	PRO	POSED TD:		ft (MD)	12,844
	BHL	147'	FSL	2531'	FEL	Secti	on 24	17S-27E	VER	TICAL		RE-ENTRY	
OBJECTIVE:		Yeso Forn	nation		Es	rimated @	3,90	ft TVD	HOF	RIZONTAL	X	WORKOVER	
REMARKS:		Loco Hills	Project -	Eddy County	NM						REVIEWED	RV:	

KEMAKKS.	Loco Hills Froject - Eddy County, 14141			
	INTANGIBLE COMPLETION COSTS:	DRILLING	COMPLETION	SUPPLEMENTAL
	-	DAILLING	COMPLETION	SUITEMENTAL
3-00	** IDC - COMPLETION **			
3-02	Acidizing		\$0	
3-04	Fracturing		\$1,396,286	
3-06	Perforating		\$123,000	
		-	\$5,000	
3-08	Cased Hole Logging			
3-10	CO2 / Boosters		\$16,000	
3-12	Electrician / Electrical Services		\$21,801	
3-14	Equipment Rentals		\$10,500	
3-15	Rentals- Potties, Lights, Trash Trailers		\$13,500	
l l	Frac Tank Rentals		\$16,500	
3-16				
3-18	Restore Location		\$1,000	
3-20	Right - Of - Way		\$4,734	
3-22	Roustabout Crews		\$56,246	
3-23	Cement Plugs/Bridge Plugs		\$36,000	
3-24	Supervision		\$21,250	
3-25	Completion Overhead		\$15,750	
3-26	Trucking		\$24,200	
3-27	Water Transfer- 10", Poly, Fill Pit		\$16,000	
3-28	Water Hauling - Fresh		\$685,800	
3-29	SW Disposal- Hauling, Paid Disposal, Poly		\$8,000	
		<u> </u>		
3-30	Slickline Work		\$0	<u> </u>
3-31	Technical Labor		\$24,707	
3-32	Reverse Unit / Power Swivel	<u> </u>	\$30,000	<u> </u>
3-33	Trucking- Kill Truck		\$0	·
	Completion Rig / Daywork		\$0	
3-34	8.7 days @ \$3,800 / day		\$33,000	
3-36	Anchors		\$2,500	
3-38	Drill bits, Unde-reamers, Etc.		\$5,000	
3-40	Coiled Tubing Unit		\$0	
3-42	Completion Fluids - Mud, Etc.		\$5,000	
3-44	DH Tool Rental		\$18,000	
3-46	Fishing Tool Rental		\$0	
3-48	Tubing Testing & Inspection		\$9,750	
3-50	Press Control Equip Rental- BOPE, Frac Stack, Lubricator		\$129,000	
3-52	Well Testing Equipment & Labor		\$5,000	
3-54	Miscellaneous Completion		\$5,000	
3-56	Contingencies Completion		\$0	
-	· · · · · · · · · · · · · · · · · · ·		- 30	
TO	OTAL INTANGIBLE COMPLETION COSTS:		\$2,738,524	
	TANGIBLE COMPLETION COSTS:	DRILLING	COMPLETION	SUPPLEMENTAL
4-00		DRILLING	COMPLETION	SUPPLEMENTAL
	** IDC - COMPLETION **	DRILLING		SUPPLEMENTAL
4-01	** IDC - COMPLETION ** Tubing	DRILLING	\$16,000	SUPPLEMENTAL
4-01 4-02	** IDC - COMPLETION ** Tubing Packers	DRILLING	\$16,000 \$0	SUPPLEMENTAL
4-01	** IDC - COMPLETION ** Tubing	DRILLING	\$16,000	SUPPLEMENTAL
4-01 4-02	** IDC - COMPLETION ** Tubing Packers	DRILLING	\$16,000 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint	DRILLING	\$16,000 \$0 \$0 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$1,110 \$45,110 \$4,600 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$1,110 \$45,110 \$4,600 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment Electrical Equipment - Motors, Etc. Automation Equipment	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$50 \$74,257 \$5,500 \$7,292 \$30,434	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks	DRILLING	\$16,000 \$0 \$0 \$0 \$50 \$45,110 \$4,600 \$0 \$50 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$0 \$57,479	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump	DRILLING	\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pump Pumping Unit	DRILLING	\$16,000 \$0 \$0 \$0 \$50 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$330,434 \$26,212 \$0 \$57,479 \$175,000	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String	DRILLING	\$16,000 \$0 \$0 \$0 \$50 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pump Pumping Unit	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$0 \$74,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0	SUPPLEMENTAL
4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length	DRILLING	\$16,000 \$0 \$0 \$0 \$45,110 \$4,600 \$0 \$74,257 \$5,500 \$7,292 \$33,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$57,479 \$57,479	SUPPLEMENTAL
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4-01 4-02 4-04 4-06 4-08 4-09 4-10 4-12 4-14 4-15 4-16 4-18 4-20 4-22 4-24 4-26 4-28 4-30	** IDC - COMPLETION ** Tubing Packers Plugs Blast Joint Miscellaneous Completion Equipment Environmental Equipment Compression Equipment Dehydration Equipment Electrical Equipment - Motors, Etc. Automation Equipment Injection / Transfer Pump Meter & Meter Run Salt Water Tanks Production Tanks Separation Equipment Pump Pumping Unit Rod String Size Class Length " " Tubing Head Valves, Gauges and Miscellaneous	DRILLING	\$16,000 \$0 \$0 \$0 \$0 \$1,000 \$4,600 \$0 \$1,257 \$5,500 \$7,292 \$30,434 \$26,212 \$0 \$57,479 \$175,000 \$0 \$0 \$0 \$1,200 \$0 \$1,200 \$0 \$0 \$1,200 \$0 \$0 \$1,200 \$0 \$0 \$1,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	SUPPLEMENTAL
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SHARON T. SHAHEEN

Direct: (505) 986-2678

Email: <u>sshaheen@montand.com</u>

www.montand.com

June 9, 2021

Via U.S. Certified Mail, return receipt requested

TO: ALL INTEREST OWNERS ON ATTACHED LIST

Re: Case No. **22021** - Application of Longfellow Energy, LP for Compulsory

Pooling, Eddy County, New Mexico

Dear Interest Owner:

This will advise that pursuant to NMSA 1978, § 70-2-17, Longfellow Energy, LP ("Longfellow") has filed an Application with the New Mexico Oil Conservation Division for an order regarding the proposed wells described below. You are receiving this notice because you may have an interest in one or more of these wells.

Case No. 22021. Application of Longfellow Energy, LP for Compulsory **Pooling, Eddy County, New Mexico.** Applicant in the above-styled cause seeks an order from the Division pooling all uncommitted interests in the Yeso formation (Red Lake; Glorieta-Yeso [96836]) in a standard 480-acre, more or less, horizontal spacing and proration unit ("HSU") comprised of the S/2 of Section 19, Township 17 South, Range 28 East, and the SE/4 of Section 24, Township 17 South, Range 27 East, NMPM, in Eddy County, New Mexico. Applicant proposes to drill the following wells: (1) Bonzo Federal Com 1924CDX 001H well, to be horizontally drilled from an approximate surface hole location 1397' FSL and 415' FWL of Section 20, T-17S-R28E, to an approximate bottom hole location 2272' FSL and 2607' FEL of Section 24, T17S-R27E ("Bonzo 1H"); (2) Bonzo Federal Com 1924CDX 002H well, to be horizontally drilled from an approximate surface hole location 1372' FSL and 415' FWL of Section 20, T-17S-R28E, to an approximate bottom hole location 1846' FSL and 2609' FEL of Section 24, T17S-R27E ("Bonzo 2H"); (3) Bonzo Federal Com 1924CDX 003H well, to be horizontally drilled from an approximate surface hole location 1347' FSL and 415' FWL of Section 20, T-17S-R28E, to an approximate bottom hole location 1400' FSL and 2610' FEL of Section 24, T17S-R27E ("Bonzo 3H"); (4) Bonzo Federal Com 1924CDX **004H** well, to be horizontally drilled from an approximate surface hole location 1322' FSL and 415' FWL of Section 20, T-17S-R28E, to an approximate bottom hole location 994' FSL and 2612' FEL of Section 24, T17S-R27E ("Bonzo 4H"); (5) Bonzo Federal Com 1924CDX 005H well, to be horizontally drilled from an approximate surface hole location 1297' FSL and 415' FWL of Section 20, T-17S-R28E, to an approximate bottom

> Exhibit A-8 Longfellow Energy, LP NM OCD Case No. 22021 October 7, 2021

All Interest Owners June 9, 2021 Page 2

hole location 570' FSL and 2614' FEL of Section 24, T17S-R27E ("Bonzo 5H"), and; **(6) Bonzo Federal Com 1924CDX 006H** well, to be horizontally drilled from an approximate surface hole location 1272' FSL and 415' FWL of Section 20, T-17S-R28E, to an approximate bottom hole location 142' FSL and 2615' FEL of Section 24, T17S-R27E ("Bonzo 6H"). The first and last take points for the proposed wells will meet the setback requirements set forth in the statewide rules for horizontal oil wells. The completed laterals for the Bonzo 1H, Bonzo 2H, Bonzo 3H, Bonzo 4H, and Bonzo 5H comply with the standard setbacks. The completed lateral proposed for the Bonzo 6H does not satisfy the standard setback because the completed interval is closer than 330' from the outer boundary of the HSU. Longfellow will be seeking separate approval of a non-standard location for the Bonzo 6H. Also to be considered will be the cost of drilling and completing the wells and the allocation of the costs, the designation of Applicant as Operator of the wells, and a 200% charge for the risk involved in drilling and completing the wells. The wells and lands are located approximately 14 miles west of Loco Hills, New Mexico.

The attached application will be set for hearing before a Division Examiner at the New Mexico Oil Conservation Division. During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely. The hearing will be conducted on **July 1**, **2021** beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date: http://www.emnrd.state.nm.us/OCD/hearings.html. You are not required to attend this hearing, but as an owner of an interest that may be affected, you may appear and present testimony.

Failure to appear at that time and become a party of record will preclude you from challenging this application at a later time. If you intend to present testimony or evidence at the hearing, you must enter your appearance by **June 23, 2021**, and serve the Division, counsel for the Applicant, and other parties with a pre-hearing statement by **June 24, 2021**, in accordance with Division Rule 19.15.4.13 NMAC.

Please feel free to contact me if you have any questions about these Applications.

Very truly yours,

/s/ Sharon T. Shaheen Sharon T. Shaheen

STS/lt Enclosure

cc: Longfellow Energy, LP, via email

EXHIBIT A

INTEREST OWNERS

Working Interest Parties:

Andrews Oil, LP 1015 Beecave Woods Dr. Suite 300A Austin, TX 78746

Chisos, Ltd. 1331 Lamar St. **Suite 1077** Houston, TX 77010

Judith A. West aka Judy Reynolds West P.O. Box 1948 Cullman, AL 35056-1948

OXY USA WTP, LP 5 Greenway Plaza Suite 110 Houston, TX 77046

SOC 1999 Partnership Limited, acting by its sole general partner, SOC GP, LLC 4245 Kemp Blvd., Suite 402 Wichita Falls, TX 76308

Apache Corp. 2000 Post Oak Blvd. Suite 100 Houston, TX 77056

ConocoPhillips Company 600 W. Illinois Ave. Midland, TX 79701

Judith A. West aka Judy Revnolds West 500 Main Ave. SW Cullman, AL 35056-1948

Penroc Oil Corporation 1515 W. Calle Sur Suite 174 Hobbs, NM 88240

Sydhan, LP P.O. Box 92349 Austin, TX 78709

Cannon Exploration Company 3608 South County Road 1184

Midland, TX 79706

Gretchen Beidler Nearburg c/o Eugene E. Nearburg 1129 Challenger Lakeway, TX 78734-3825

Occidental Permian Limited Partnership

5 Greenway Plaza Suite 110

Houston, TX 77046

SEP Permian, LLC 9655 Katy Freeway

Suite 500

Houston, TX 77024

ZPZ Delaware I, LLC 2000 Post Oak Blvd.

Suite 100

Houston, TX 77056

Overriding Royalty Interest Parties:

Black Shale Minerals, LLC 5006 State Hwy 31 North Longview, TX 75603

RRA Minerals, LLC 2214 Toll Gate Road Huntsville, AL 35801 Black Stone Energy Company, LLC

1001 Fannin St., Suite 2020 Houston, TX 77002

Christine S. Johnson, as separate property 6541 Park Lane Dallas, TX 75225

Breck Minerals, LP 300 North Breckenridge Ave. Breckenridge, TX 76424

Enchanted Valley Oil Partners P.O. Box 247

Fredericksburg, TX 78624

James Coe So	chlicher,	as	separa	te
property				

2309 Bridle Path Austin, TX 78703 John A. Paris, as separate

property

Address unknown

Manix Royalty, Ltd. 3300 N. A Street Bldg. 8 – Suite 106 Midland, TX 79705

John & Theresa Hillman Family

Properties, LP 3300 N. A Street Bldg. 8 – Suite 106 Midland, TX 79705

Mary Carolyn Johnson, as

separate property Address unknown

Root Family Holdings

Apple Valley, MN 55124

Wilson Oil Company, Ltd.

13655 Duluth Dr.

P.O. Box 1297

Patrick S. Ross, as separate property

9717 Cypress St. Denton, TX 76207

Paul Slayton P.O. Box 2035 Roswell, NM 88202

Walter Granberry, Jr. 4811 14th St.

Lubbock, TX 79416

Madison M. Hinkle 70 Riverside Dr.

Roswell, NM 88201-3967

LLC

105 West 3rd St., #309 Roswell, NM 88201

Santa Fe, NM 87505

Stryker Energy, LLC P.O. Box 53448 Houston, TX 77052

Rolla R. Hinkle, III 114 Cochiti Ct. Roswell, NM 88202

Richardson Mineral & Royalty,

Estate of Edith A. Hover, deceased

Address unknown

Estate of L.B. Barkley, deceased

Address Unknown

Estate of Mary M. Hamilton,

deceased

Address unknown

Estate of Charles M. Fuchtman,

deceased.

Address unknown

Additional Interested Party(ies):

Bureau of Land Management 620 E. Greene St. Carlsbad, NM 88220

State Land Office 310 Old Santa Fe Trail Santa Fe, NM 87501

STATE OF NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES OIL CONSERVATION DIVISION

APPLICATION OF LONGFELLOW ENERGY, LP FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

APPLICATION

Longfellow Energy, LP, OGRID No. 372210 ("Longfellow"), through its undersigned counsel Montgomery & Andrews, P.A. (Sharon T. Shaheen and Ricardo S. Gonzales), hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all mineral interests in the Yeso formation (Red Lake; Glorieta-Yeso [96836]) in a standard 480-acre, more or less, horizontal spacing and proration unit ("HSU") comprised of the S/2 of Section 19, Township 17 South, Range 28 East, and the SE/4 of Section 24, Township 17 South, Range 27 East, NMPM, in Eddy County, New Mexico. In support of its application, Longfellow states as follows:

- 1. Longfellow is a working interest owner in the proposed HSU and has the right to drill thereon.
- 2. Longfellow proposes to drill the following 1.5-mile wells in the proposed HSU: (1) Bonzo Federal Com 1924CDX 001H well, to be horizontally drilled from an approximate surface hole location 1397' FSL and 415' FWL of Section 20, T-17S-R28E, to an approximate bottom hole location 2272' FSL and 2607' FEL of Section 24, T17S-R27E ("Bonzo 1H"); (2) Bonzo Federal Com 1924CDX 002H well, to be horizontally drilled from an approximate surface hole location 1372' FSL and 415' FWL of Section 20, T-17S-R28E, to an approximate bottom hole location 1846' FSL and 2609' FEL of Section 24, T17S-R27E ("Bonzo 2H"); (3) Bonzo Federal

Com 1924CDX 003H well, to be horizontally drilled from an approximate surface hole location 1347' FSL and 415' FWL of Section 20, T-17S-R28E, to an approximate bottom hole location 1400' FSL and 2610' FEL of Section 24, T17S-R27E ("Bonzo 3H"); (4) Bonzo Federal Com 1924CDX 004H well, to be horizontally drilled from an approximate surface hole location 1322' FSL and 415' FWL of Section 20, T-17S-R28E, to an approximate bottom hole location 994' FSL and 2612' FEL of Section 24, T17S-R27E ("Bonzo 4H"); (5) Bonzo Federal Com 1924CDX 005H well, to be horizontally drilled from an approximate surface hole location 1297' FSL and 415' FWL of Section 20, T-17S-R28E, to an approximate bottom hole location 570' FSL and 2614' FEL of Section 24, T17S-R27E ("Bonzo 5H"), and; (6) Bonzo Federal Com 1924CDX 006H well, to be horizontally drilled from an approximate surface hole location 1272' FSL and 415' FWL of Section 20, T-17S-R28E, to an approximate surface hole location 1272' FSL and 415' FWL of Section 20, T-17S-R28E, to an approximate bottom hole location 142' FSL and 415' FWL of Section 20, T-17S-R28E, to an approximate bottom hole location 142' FSL and 415' FEL of Section 24, T17S-R27E ("Bonzo 6H").

- 3. The first and last take points for the proposed wells will meet the setback requirements set forth in the statewide rules for horizontal oil wells. The completed laterals for the Bonzo 1H, 2H, 3H, 4H, and 5H comply with the standard setbacks. The completed lateral proposed for the Bonzo 6H does not satisfy the standard setback. Longfellow will be seeking administrative approval of a non-standard location ("NSL") for the Bonzo 6H. In an abundance of caution, on today's date, Longfellow will also file a separate application for hearing seeking Division approval of the NSL, which will be heard on the July 1, 2021 docket, if objections are timely made to the NSL administrative application.
- 4. Longfellow has in good faith sought and been unable to obtain voluntary agreement for the development of these lands from all of the mineral interest owners in the HSU.

- 5. Approval of the HSU and the pooling of all mineral interest owners in the Yeso formation underlying the HSU will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.
- 6. In order to permit Longfellow to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted interests in this HSU should be pooled and Longfellow should be designated the operator of the HSU.

WHEREFORE, Longfellow requests that this application be set for hearing before an Examiner of the Oil Conservation Division on July 1, 2021, and that, after notice and hearing as required by law, the Division enter an order:

- A. Creating a standard 480-acre, more or less, HSU comprised of the S/2 of Section 19, Township 17 South, Range 28 East, and the SE/4 of Section 24, Township 17 South, Range 27 East, NMPM, in Eddy County, New Mexico;
 - B. Pooling all mineral interests in the Yeso formation underlying the HSU;
- C. Allowing the drilling of the following 1.5-mile wells in the proposed HSU: Bonzo Federal Com 1924CDX 001H, Bonzo Federal Com 1924CDX 002H, Bonzo Federal Com 1924CDX 003H, Bonzo Federal Com 1924CDX 004H, Bonzo Federal Com 1924CDX 005H, and Bonzo Federal Com 1924CDX 006H;
 - D. Designating Longfellow as operator of the HSU and the wells to be drilled thereon;
- E. Authorizing Longfellow to recover its costs of drilling, equipping and completing the wells;
- F. Approving the operating charges and costs of supervision while drilling of \$8,000/month and, after completion, \$800/month, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and

G. Imposing a 200% penalty for the risk assumed by Longfellow in drilling and completing the well against any interest owner who does not voluntarily participate in the drilling of the well.

Respectfully submitted,

MONTGOMERY & ANDREWS, P.A.

/s/ Sharon T. Shaheen
Sharon T. Shaheen
Ricardo S. Gonzales
Post Office Box 2307
Santa Fe, NM 87504-2307
(505) 986-2678
sshaheen@montand.com
rgonzales@montand.com

Attorneys for Longfellow Energy, LP

Tab 5.

STATE OF NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES OIL CONSERVATION DIVISION

APPLICATION OF LONGFELLOW ENERGY, LP FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

Case No. 22021

AFFIDAVIT OF JENNIFER EKER

- I, being duly sworn on oath, state the following:
- 1. I am over the age of 18 and have the capacity to execute this direct testimony, which is based on my personal knowledge.
- 2. I am a petroleum geologist employed as the Geologist for Longfellow Energy, LP ("Longfellow") and am familiar with the subject application and geology involved.
- 3. This direct testimony is submitted in connection with the filing by Longfellow of the above-referenced compulsory pooling application (the "Application") pursuant to 19.15.4.12(A)(1) NMAC.
- 4. I have previously testified before the New Mexico Oil Conservation Division as an expert witness in petroleum geology matters. My credentials as a petroleum geologist have been accepted by the Division and made a matter of record previously. My education and work experience are as follows: I graduated from the University of Oklahoma in 2010 with a Bachelor of Science degree in Petroleum Geology and graduated from the University of Texas at Dallas with a Master's of Science degree in Geosciences in 2014. I have been employed with Longfellow Energy, LP, since 2007. I have worked as a Geologist on various projects in Oklahoma and Texas and recently, New Mexico. In addition, to my experience working projects in the United States, I

also have experience working carbonate projects in Albania and Bulgaria through our affiliated international company, TransAtlantic Petroleum.

- 5. **Exhibit B-1a and Exhibit B-1b** include a geological summary for the proposed horizontal spacing unit ("HSU") and related wells.
- 6. **Exhibit B-2** is a regional Yeso structure map with 50' contour intervals, which illustrates the location of the HSU by a red outline.
- 7. **Exhibit B-3** is a Spacing Unit Schematic showing the Yeso structure with 50' contour intervals, which illustrates the location of the HSU by a red outline, the approximate locations of the proposed wells, and whether the wells are considered bench 1 "Paddock" or bench 2 "Blinebry".
- 8. **Exhibit B-4** is a type log of the production portion of the Yeso formation on the Northwest Shelf and further defines bench 1 "Paddock" and bench 2 "Blinebry" within the Yeso formation. This type log identifies the key tops used to evaluate reservoirs and landing targets for the proposed wells.
- 9. **Exhibit B-5** is a Yeso structural cross section map with 50' contour intervals with the location of the HSU outlined in red, the approximate locations of the proposed wells, and whether the wells are considered bench 1 "Paddock" or bench 2 "Blinebry".
- 10. **Exhibit B-6** is the structural cross section and indicates that these wells are being placed in a zone that has an estimated gross interval thickness of 1500 '. This gross thickness is being calculated from the top of the Paddock to the top of the Tubb within the Yeso formation.
- 11. **Exhibit B-7** is a gunbarrel diagram depicting each well. These diagrams show the approximate landing zones in reference to the type log for the area and the associated spacing of the wellbores within the half-section width HSU.

- 12. In Longfellow's request for administrative approval of a NSL for the Bonzo Federal Com 1924 CDX 6H well, which was approved under Administrative Order NSL-8185, the completed lateral is 142' feet at its closest point from the southern boundary of the proposed HSU. It is Longfellow's responsibility as a prudent operator to maximize the recovery of oil and gas reserves left in the ground. The Division's approval of the unorthodox, completed interval will allow Longfellow to use its preferred well spacing plan for horizontal wells in this area and thereby maximize recovery and prevent waste.
- 13. The measured depths and true vertical depths for each well are approximately as follows:

	MD TVD	
Bonzo Federal Com 1924CDX 001H	[11,900']	[_3450']
Bonzo Federal Com 1924CDX 002H	[12,300']	[_3900']
Bonzo Federal Com 1924CDX 003H	[11,750']	[_3450']
Bonzo Federal Com 1924CDX 004H	[12,250]	[3950']
Bonzo Federal Com 1924CDX 005H	[11,850]	[3450']
Bonzo Federal Com 1924CDX 006H	[12,450]	[3950']

- 13. The true vertical landing depth of the target formation is approximately 3450'______' for the bench 1 "Paddock" wells (__001H, 003H, 005H_______), and approximately ____3950'_____' for the bench 2 "Blinebry" wells (__002H, 004H, 006H______) based on the structural cross section, Exhibit B-6.
 - 14. Based on my geologic study of the area, I conclude the following:
 - a. The horizontal spacing and proration units are justified from a geologic standpoint.
 - b. There are no structural impediments or faulting that will interfere with horizontal development.
 - c. Each quarter-quarter section in the HSU will contribute more or less equally to production.

- d. The preferred well orientation is west-east because there is no known and generally accepted preferential drilling orientation based on present-day stress regime or other geological factors. The vast majority of existing NW Shelf Yeso horizontal wells are oriented W-E, so an established trend is present. This orientation also fits our lease boundaries and aligns with the remainder of Longfellow's planned development in the adjoining tracts. Therefore, the preferred well orientation does not strand any acreage or reserves.
- 15. The Exhibits to this Affidavit were prepared by me, or compiled from Longfellow's business records.
- 16. The granting of the Application is in the interests of conservation, the prevention of waste, and the protection of correlative rights.
 - 17. The foregoing is correct and complete to the best of my knowledge and belief.

FURTHER AFFIANT SAYETH NAUGHT

Jennifer Eker

STATE OF TEXAS))ss COUNTY OF DALLAS)

Subscribed to and sworn before me this 30 day of September, 2021.

Notary Public

My Commission expires 5/10/2022

RYAN PALMER REYNOLDS Notary Public, State of Texas Comm. Expires 05-10-2022 Notary ID 131562762

Tab 6.

Regional View of the NW Shelf

Paleogeography of Permian Basin region in Early Permian



Exhibit B-1a Longfellow Energy, LP NM OCD Case No. 22021 October 7, 2021

Source: Hills (1984)



NW Shelf Stratigraphic Column

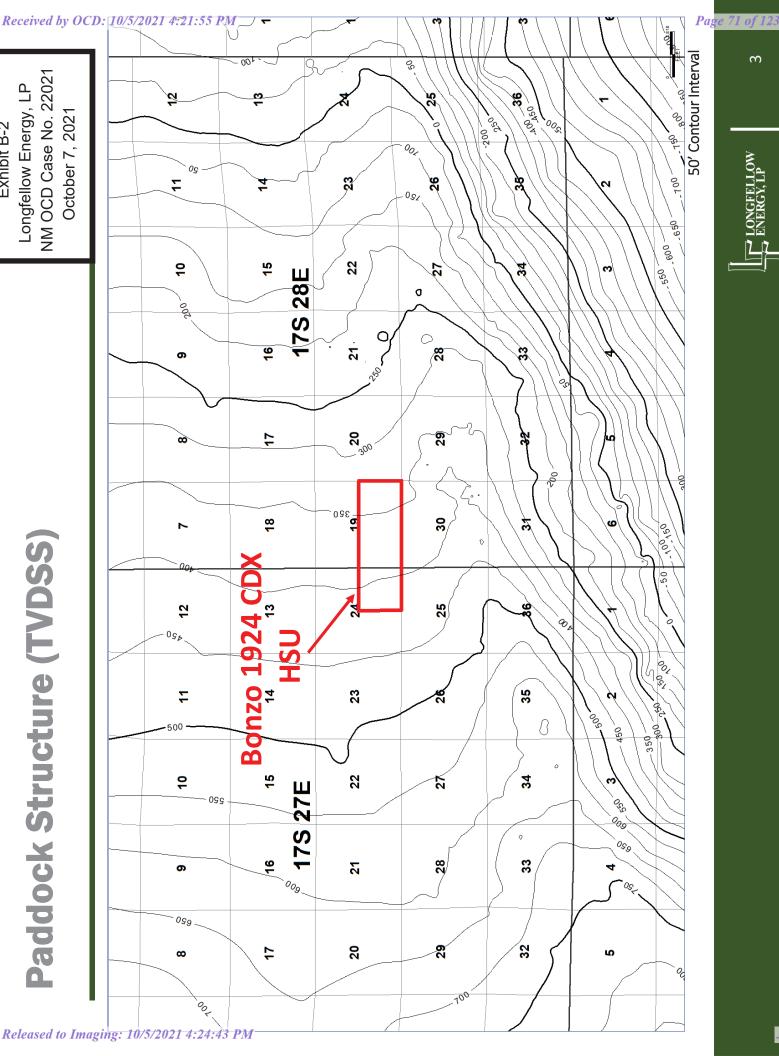
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Age							-	Permian 6	VIIII 017-007					_	×	-	320.289 MYA	

Targeted Zones

Exhibit B-1b Longfellow Energy, LP NM OCD Case No. 22021 October 7, 2021

NM OCD Case No. 22021 Longfellow Energy, LP Exhibit B-2

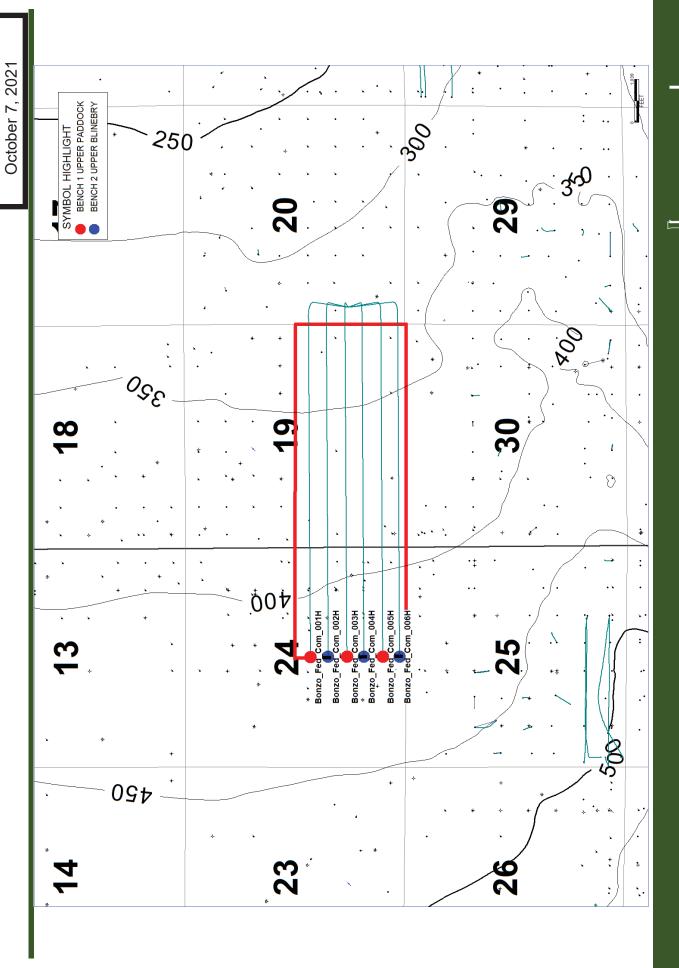
Paddock Structure (TVDSS)



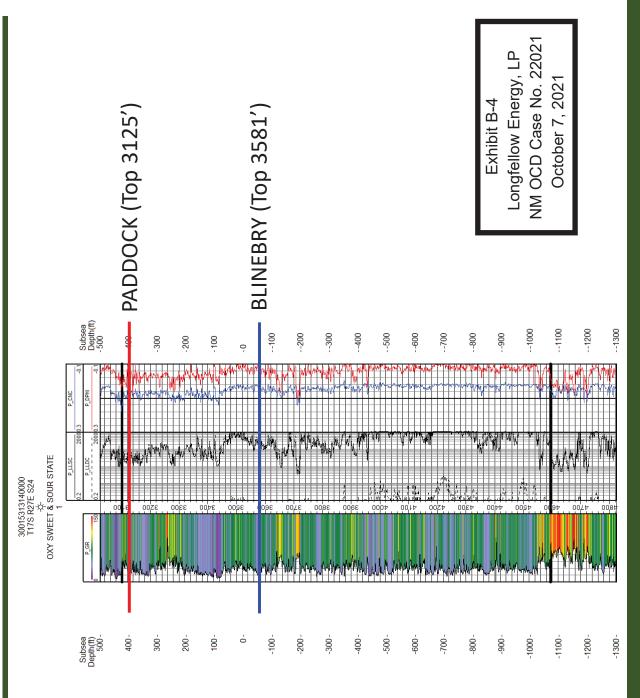
Longfellow Energy, LP VM OCD Case No. 22021

Exhibit B-3

Paddock Structure (TVDSS)



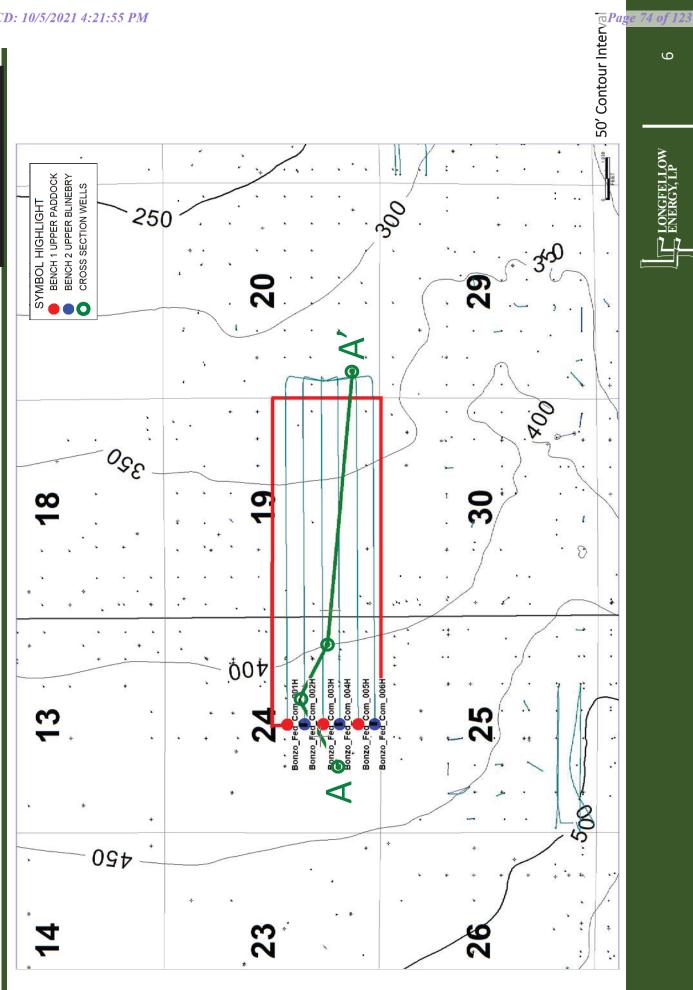
NW Shelf Yeso Type Log with Target Intervals





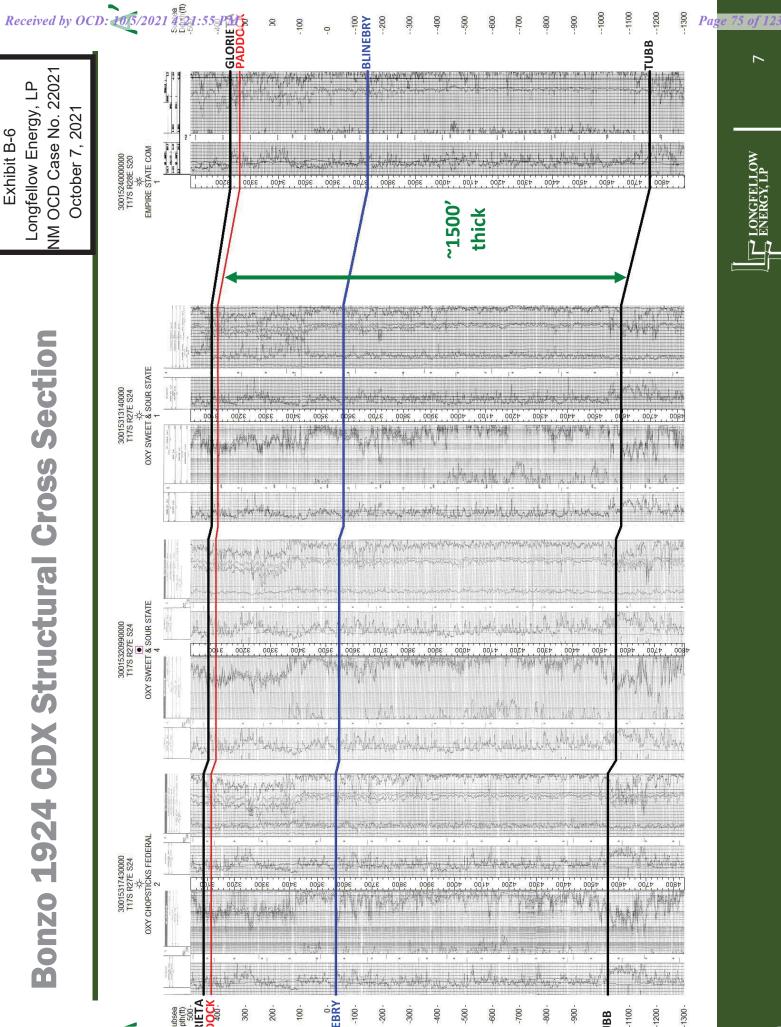
Bonzo 1924 CDX Cross Section Line

NM OCD Case No. 22021 Longfellow Energy, LP October 7, 2021 Exhibit B-5



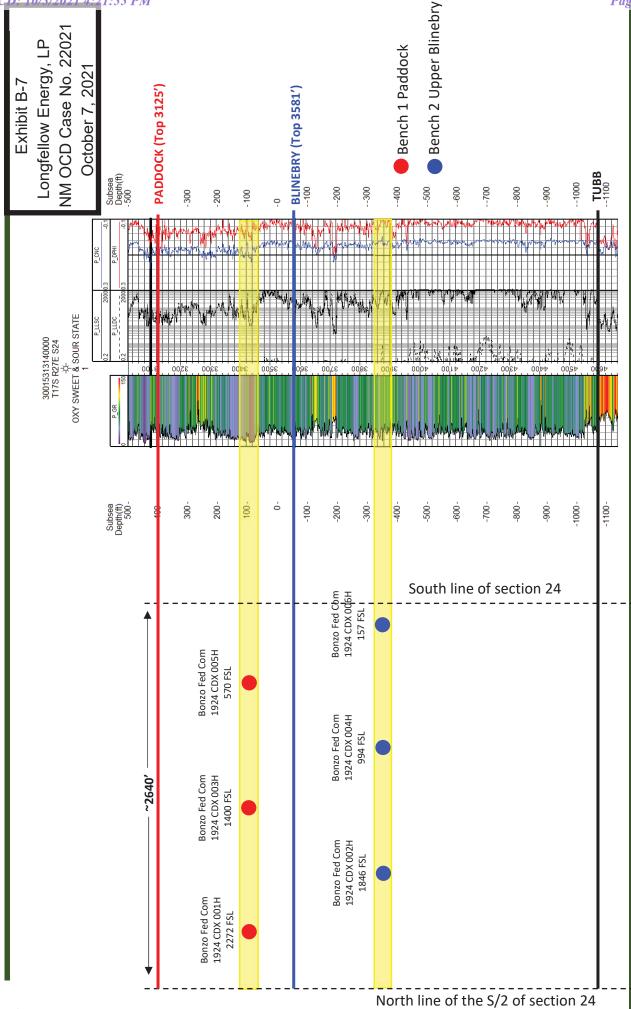


NM OCD Case No. 22021 Longfellow Energy, LP October 7, 2021 Exhibit B-6





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Tab 7.

STATE OF NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES OIL CONSERVATION DIVISION

APPLICATION OF LONGFELLOW ENERGY, LP FOR APPROVAL OF A NON-STANDARD LOCATION, EDDY COUNTY, NEW MEXICO

Case No. 22020

APPLICATION OF LONGFELLOW ENERGY, LP FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

Case No. 22021

APPLICATION OF SPUR ENERGY PARTNERS LLC TO RESCIND APPROVAL OF ADMINISTRATIVE ORDER NSL-8185 EDDY COUNTY, NEW MEXICO

Case No. 22091

APPLICATION OF SPUR ENERGY PARTNERS LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

Case No. 22092

AFFIDAVIT OF NOTICE

STATE OF NEW MEXICO) ss.
COUNTY OF SANTA FE)

I, Sharon T. Shaheen, attorney for Applicant LONGFELLOW ENERGY, LP, upon oath state that I caused notice of the application to be sent by certified mail through the United States Postal Service ("USPS") on June 9, 2021, to all uncommitted interest owners sought to be pooled in Case No. 22021. Evidence of mailing to all parties is attached hereto as Exhibit A. In addition, notice was directed, to all owners to whom notice was mailed, by publication in the Carlsbad Current Argus on June 16, 2021, which is reflected in the Affidavit of Publication attached hereto as Exhibit B. Exhibit B demonstrates to my satisfaction that any owner who did not receive personal notice through the certified mailing was properly served by publication.

Longfellow Energy, LP, has conducted a good faith, diligent effort to find the names and correct addresses for the interest owners entitled to receive notice of the application filed herein.

SHARON T. SHAHEEN

SUBSCRIBED AND SWORN to before me on this 30th day of September 2021.

Notary Public

My Commission Expires:

5.19.99



Received by OCD: 10/5/2021 4:21:55 PM

First-Class Mail Postage & Fees Paid USPS Permit No. G-10

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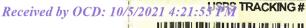
MONTGOMERY & ANDREWS LAW FIRM

P.O. Box 2307 Santa Fe, New Mexico 87504-2307

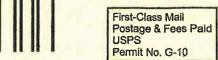
Longfellow/Bonzo 001H – 006H-forcepooling applic (22021) 15392-2104/STS











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Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 1. Article Addressed to: Richardson Mineral & Royalty, LLC 105 West 3 rd St., #309 Roswell, NM 88201	A. Signature X D. Received by (Printed Name) D. Is delivery address different from item 1? If YES, enter delivery address below:
9590 9402 1258 5246 3537 12 2. Article Number (Transfer from service label) 7015 1730 0000 9774 607	3. Service Type Adult Signature Adult Signature Restricted Delivery Certified Mail® Collect on Delivery Collect on Delivery Restricted Delivery Collect on Delivery Restricted Delivery
PS Form 3811, July 2015 PSN 7530-02-000-9053	Domestic Return Receipt



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- Attach this card to the back of the mailpiece, or on the front if space permits.
- 1. Article Addressed to:

SOC 1999 Partnership Limited, acting by its sole general partner, SOC GP, LLC

4245 Kemp Blvd., Suite 402 Wichita Falls, TX 76308



9590 9402 1258 5246 3534 60

2. Article Number (Transfer from service label)

7015 1730 0000 9774

5831

Restricted Delivery

- COMPLETE THIS SECTION ON DELIVERY
- A. Signature
- C-814MF C19
- ☐ Agent ☐ Addressee
- B. Received by (Printed Name) M For
- C. Date of Delivery 14 JON 21
- D. Is delivery address different from item 1? If YES, enter delivery address below:

- Service Type
- ☐ Adult Signature
 ☐ Adult Signature Restricted Delivery
 ☐ Certified Mall®
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 Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 1. Article Addressed to: Sydhan, LP P.O. Box 92349 Austin, TX 78709 	A. Signature X
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Santa Fe, New Mexico 87504-2307

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Apache Corp. 2000 Post Oak Blvd. Suite 100 Houston, TX 77056	D. Is delivery address different from If YES, enter delivery address	n Item 1? ☐ Yes below: ☐ No
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SENDER: COMPLETE THIS SECTION COMPLETE THIS SECTION ON DELIVERY Complete items 1, 2, and 3. A. Signature Print your name and address on the reverse ☐ Agent so that we can return the card to you. ☐ Addressee Attach this card to the back of the mailpiece, B. Received by (Printed Name) C. Date of Delivery or on the front if space permits. 1. Article Addressed to: D. Is delivery address different from item 1? I Yes If YES, enter delivery address below: Judith A. West aka Judy Reynolds West P.O. Box 1948 Cullman, AL 35056-1948 Service Type ☐ Priority Mall Express®☐ Registered Mail™ Adult Signature Adult Signature Restricted Delivery Certified Mail® Certified Mail® ☐ Registered Mail Restricted Delivery 9590 9402 1258 5246 3535 21 Return Receipt for Merchandise □ Signature Confirmation™ ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Insured Mail 2. Article Number (Transfer from service label) Signature Confirmation 7015 1730 0000 9774 5756 Restricted Delivery Restricted Delivery PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt



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COMPLETE THIS SECTION ON DELIVERY SENDER: COMPLETE THIS SECTION Complete items 1, 2, and 3. ☐ Agent Print your name and address on the reverse Addressee so that we can return the card to you. ed Name) C. Date of Delivery Attach this card to the back of the mailpiece, or on the front if space permits. D. Is delivery address different from item 1? If YES, enter delivery address below: 1. Article Addressed to: Christine S. Johnson, as separate property 6541 Park Lane Dallas, TX 75225 ☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise Service Type ☐ Adult Signature ☐ Adult Signature Restricted Delivery Certified Mail® Certified Mail Restricted Delivery 9590 9402 1258 5246 3533 92 ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery 2. Article Number (Transfer from service label) 7015 1730 0000 9774 5923 Restricted Delivery PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Retirn Receipt



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 Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailplece, or on the front if space permits. 1. Article Addressed to: Paul Slayton P.O. Box 2035 Roswell, NM 88202 	A. Signature X
9590 9402 1258 5246 3533 30 2. Article Number (Transfer from service label) 7015 1730 0000 9774 5	3. Service Type ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery ☐ Collect on Delivery ☐ Insured Mail ☐ Restricted Delivery ☐ Return Receipt for Merchandise ☐ Signature Confirmation ☐ Signature Confirmation ☐ Restricted Delivery ☐ Restricted Delivery
PS Form 3811, July 2015 PSN 7530-02-000-9053	Domestic Return Receipt



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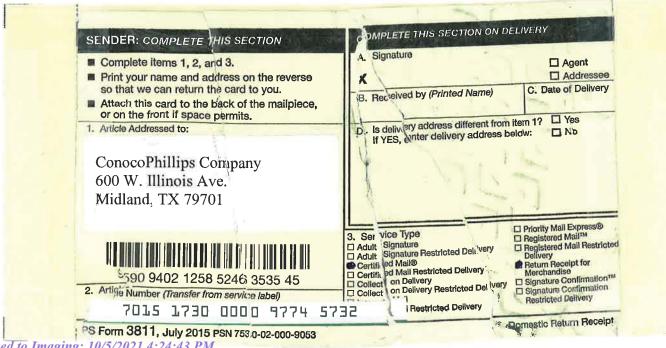


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Chisos, Ltd. 1331 Lamar St. Suite 1077 Houston, TX 77010	If YES, enter delivery address below:
9590 9402 1258 5246 3535 52 2. Article Number (Transfer from service label) 7015 1730 0000 9774 576	3. Service Type ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery ☐ Collect on Delivery ☐ Collect on Delivery ☐ Registered Mail Restricted Delivery ☐ Registered Mail Restr
PS Form 3811, July 2015 PSN 7530-02-000-9053	Domestic Return Receipt

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COMPLETE THIS SECTION ON DELIVERY SENDER: COMPLETE THIS SECTION A. Signature Complete items 1, 2, and 3. Agent Print your name and address on the reverse ☐ Addressee so that we can return the card to you. C. Date of Delivery B. Received by (Printed Name) Attach this card to the back of the mailpiece, or on the front if space permits. D. Is delivery address different from item 17 1. Article Addressed to: If YES, enter delivery address below: Cannon Exploration Company 3608 South County Road 1184 Midland, TX 79706 ☐ Priority Mall Express® Service Type ☐ Registered Mail™ ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☐ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Adult Signature ☐ Adult Signature Restricted Delivery Certified Mail® Certified Mail Restricted Delivery 9590 9402 1258 5246 3535 69 ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery 2. Article Number (Transfer from service label) Signature Confirmation 7015 1730 0000 9774 5718 Restricted Delivery Restricted Delivery Domestic Return Receipt PS Form 3811, July 2015 PSN 7530-02-000-9053



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- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.
- 1. Article Addressed to:

Gretchen Beidler Nearburg c/o Eugene E. Nearburg 1129 Challenger Lakeway, TX 78734-3825



9590 9402 1258 5246 3535 38

2. Article Number (Transfer from service label)

7015 1730 0000 9774

COMPLETE THIS SECTION ON DELIVERY

A. Signature

Agent ☐ Addressee

B. Received by (Printed Name) 7 Nearburg

C. Date of Delivery

D. Is delivery address different from Item 1? If YES, enter delivery address below:

☐ Yes

3. Service Type

5749

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery

 Certified Mall®
 ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
 ☐ Collect on Delivery Restricted Delivery ☐ Insured Mail
 - Restricted Delivery
- ☐ Priority Mall Express®
- ☐ Registered Mail™ Registered Mail M
 Registered Mail Restricted
 Delivery
 Return Receipt for
 Merchandise
 Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

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Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: Penroc Oil Corporation 1515 W. Calle Sur Suite 174	A. Signature X B. Received by (Printed Name) C. Date of D. Is delivery address different from item 1? If YES, enter delivery address below:	ddressee Delivery
Hobbs, NM 88240 9590 9402 1258 5246 3534 84 2. Article Number (Transfer from service label) 7015 1730 0000 9774 58		Il Restricted t for firmation firmation ivery
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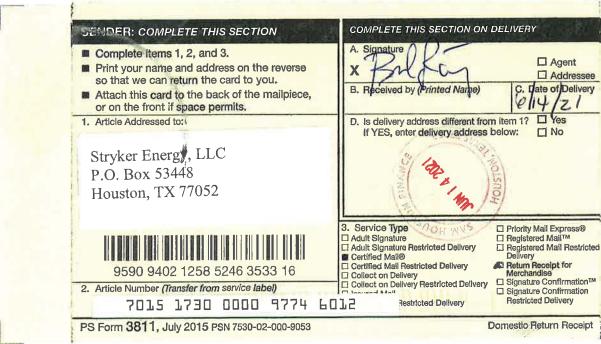
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SENDER	COMMON	ETE TUIC	CECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.
- Article Addressed to:

Black Stone Energy Company, LLC 1001 Fannin St., Suite 2020 Houston, TX 77002



9590 9402 1258 5246 3534 22

2. Article Number (Transfer from service label)

7015 1730 0000 9774

COMPLETE THIS SECTION ON DELIVERY

☐ Addressee Date of Delivery

HARON

D. Is delivery address different from item If YES, enter delivery address below:

Agent

Service Type

5893

- ☐ Adult Signature
 ☐ Adult Signature Restricted Delivery
- Certified Mall®
- Certified Mall Restricted Delivery
 Collect on Delivery
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- - Restricted Delivery
- ☐ Priority Mail Express®
- □ Registered Mail™
 □ Registered Mail Restricted Delivery
 □ Return Receipt for Merchandise
 □ Signature Confirmation™
- Signature Confirmation Restricted Delivery

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 Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: 	A. Signature X B. Received by (Printed Name) D. Is delivery address different from ite if YES, enter delivery address below	
Rolla R. Hinkle, III 114 Cochiti Ct. Roswell, NM 88202	307	
9590 9402 1258 5246 3532 86 2. Article Number (Transfer from service label)	☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail® ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Collect on Delivery Restricted Delivery	Priority Mall Express® Registered Mall™ Registered Mall Restricted Delivery Return Receipt for Merchandise Signature Confirmation™
7015 1730 0000 9774 605	I married hari	Signature Confirmation Restricted Delivery
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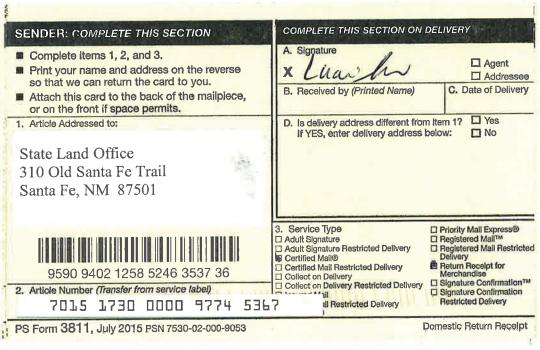


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Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: Madison M. Hinkle 70 Riverside Dr. Roswell, NM 88201-3967	A. Signalture X. Mun. M. Mulliv Agent Addressee B. Received by (Printed Name) C. Date of Delivery D. Is delivery address different from item 1? Yes If YES, enter delivery address below: No



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United States Postal Service



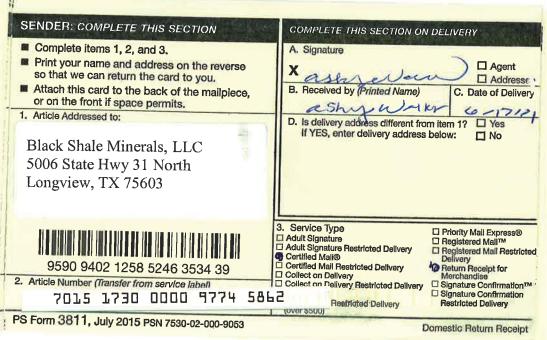
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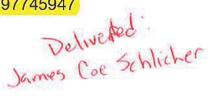


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James Coe Schlicher, as separate property 2309 Bridle Path		
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property 2309 Bridle Path	3. Service Type Adult Signature Adult Signature Restricted Delivery Certified Mail®	☐ Priority Mall Express® ☐ Registered Mail Restricte Delivery
property 2309 Bridle Path	☐ Adult Signature ☐ Adult Signature Restricted Delivery	☐ Registered Mail TM ☐ Registered Mail Restricte

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Tracking Number: 70151730000097745947

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Status



June 21, 2021 at 10:45 am **AUSTIN, TX 78703**

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Complete items 1, 2, a print your name and a so that we can return Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to:	B. Beceived by (Printed Name) C. Date of Delivery D. Is delivery address different from item 1? If YES, enter delivery address below:
Andrews Oil, LP 1015 Beecave Woods Dr. Suite 300A Austin, TX 78746	
9590 9402 1258 5246 3535 83 2. Article Number (<i>Transfer from service label</i>)	3. Service Type ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Insured Mail ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery
PS Form 3811, July 2015 PSN 7530-02-000-9053	75 Domestic Return Receip



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SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
 Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Signature Agent Addressee B. Received by (Printed Name) C. Date of Delivery
Judith A. West aka Judy Reynolds West 500 Main Ave. SW Cullman, AL 35056-1948	D. Is delivery address different from item 1? If YES, enter delivery address below: No No
	3. Service Type ☐ Priority Mail Express® ☐ Adult Signature ☐ Registered Mail™

United States Postal Service Sender: Please print your name, address, and ZIP+4® in this box



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SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON E	ELIVERY
Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you.	A. Signature	☐ Agent ☐ Addressee
Attach this card to the back of the mailpiece, or on the front if space permits.	B. Received by (Printed Name)	C. Date of Delivery
. Article Addressed to:	D. Is delivery address different from If YES, enter delivery address b	item 1? Yes pelow: No
SEP Permian, LLC		
9655 Katy Freeway		
Suite 500		
Houston, TX 77024	O. Carrier Time	Delevity Mall Everace®
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PS Form 3811, July 2015 PSN 7530-02-000-9053

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Status

Delivered to Agent for Final Delivery

June 14, 2021 at 11:35 am HOUSTON, TX 77024

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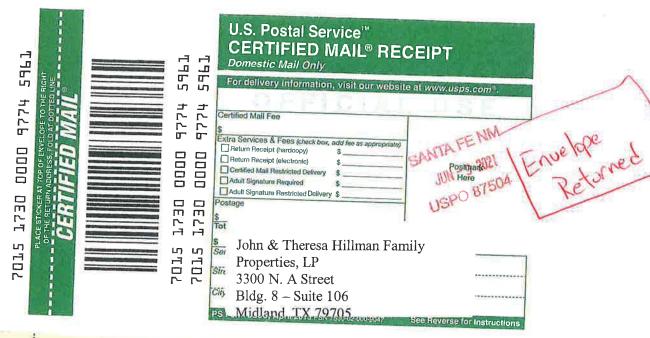
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John & Theresa Hillman Family Properties, LP 3300 N. A Street	D. Is delivery address different for if YES, enter delivery address	om item 1? Yes s below: No
Bldg. 8 – Suite 106 Midland, TX 79705		

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Manix Royalty, Ltd. 3300 N. A Street Bldg. 8 - Suite 106 Midland, TX 79705



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2. Article Number (Transfer from service label)

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COMPLETE THIS SECTION ON DELIVERY

- A. Signature
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- Agent ☐ Addressee

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- C. Date of Delivery
- D. Is delivery address different from item 1? If YES, enter delivery address below:
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- 3. Service Type

 Adult Signature

 Adult Signature Restricted Delivery

 Certified Mail®

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- ☐ Collect on Delivery
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PS Form 3811, July 2015 PSN 7530-02-000-9053

Domestic Return Receipt



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Longfellow/Bonzo 001H - 006H-forcepooling applic (22021) 15392-2104/STS



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COMPLETE THIS SECTION ON DELIVERY SENDER: COMPLETE THIS SECTION A. Signature Complete items 1, 2, and 3. ☐ Agent Print your name and address on the reverse ☐ Addressee so that we can return the card to you. C. Date of Delivery B. Received by (Printed Name) Attach this card to the back of the mailpiece, or on the front if space permits. 1. Article Addressed to: If YES, enter delivery address below: RRA Minerals, LLC 2214 Toll Gate Road Huntsville, AL 35801 ☐ Priority Mail Express® ☐ Registered Mail™ Service Type ☐ Adult Signature Registered Mail Restricted Delivery Adult Signature Restricted Delivery Certified Mail® Return Receipt for Merchandise Signature Confirmation™ Signature Confirmation ☐ Certified Mall Restricted Delivery 9590 9402 1258 5246 3534 08 ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery 2. Article Number (Transfer from service label) 7015 1730 0000 9774 5916 Restricted Delivery Restricted Delivery Domestic Return Receipt PS Form 3811, July 2015 PSN 7530-02-000-9053

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SANTA FE, NM 87504

I, a legal clerk of the Carlsbad Current Argus, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

06/16/2021

Legal Clerk

linda

Subscribed and sworn before me this June 16, 2021

State of WI, County of Brown NOTARY PUBLIC

My commission expires

KATHLEEN ALLEN Notary Public State of Wisconsin

Ad # 0004782454 PO #: 22021 # of Affidavits1

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22021 - APPLICATION EXHIBIT B

NOTICE

To the following entitles, indi-viduals, their heirs, personal rep-resentatives, trustees, successors or assigns, and any other affect-ed parties:

or assigns, and any other affected parties:

Andrews Oil, LP; Apache Corp., Cannon Exploration Company; Chisos, Ltd.; Concorphillips Company; Gretchen Beidler Nearburg, c/o Eugene E. Nearburg; Judith A. West aka Judy Reynolds West; Occidental Permian Limited Partnership; OXY USA WTP, LP; Penroc Oil Corporation; SEP Permian, LLC; SOC 1999 Partnership Limited, acting by Ils sole general partner, SOC GP, LLC; Sydhan, LP; P2P Delaware I, LLC; Black Stone Energy Company, LLC; Breck Minerals, LLC; Black Stone Energy Company, LLC; Breck Minerals, LLC; Christine S. Johnson, as separate property; Enchanted Valley Oil Partners; James Coe Schlicher, as separate property; John A. Paris, as separate property; Manix Royalty, Ltd.; John & Theresa Hillman Family Properties, LP; Mary Carolyn Johnson, as separate property; Paul Slayton; Root Family Holdings, Stryker Energy, LLC; Walter Granberry, Jr.; Wilson Oil Company, Ltd.; Rolla R. Hinkle, Ill; Madison M. Hinkle; Richardson Mineral & Royalty, LLC; Estate of Edith A. Hover, deceased; Estate of Many M. Hamilton, deceased; Estate of Charles M. Fuchtman, deceased, Probate Case 55706, Madison County, AL Ancillary Probate No. PB-2011-64, Eddy County, NM; Bureau of Land Management; and State Land Office.

Longfellow Energy, LP, has filed an application with the New Mexico Oll Conservation Division as follows:

Case No. 22021. Application of Longfellow Energy, LP for Compulsory Pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order from the Division pooling all uncommitted interests in the Yeso formation (Red Lake; Glorieta-Yeso [96836]) in a standard 480-acre, more or less, horizontal spacing and proration unit ("HSU") comprised of the \$12 of Section 19, Township 17 South, Range 28 East, and the \$14 of Section 24, Township 17 South, Range 27 East, NMPM, in Eddy County, New Mexico. Applicant proposes to drill the following wells: (1) Bonzo Federal Com 1924CDX 001H well, to be horizontally drilled from an approximate surface hole location 1297' FSL and 415' FWL of Section 20, T-175-R28E, to an approximate bottom hole location 1372' FSL and 2600' FEL of Section 24, T175-R27E ("Bonzo 1H"); (2) Bonzo Federal Com 1924CDX 002H well, to be horizontally drilled from an approximate bottom hole location 1372' FSL and 2609' FEL of Section 24, T175-R28E, to an approximate bottom hole location 1372' FSL and 2609' FEL of Section 24, T175-R28E, to an approximate bottom hole location 1347' FSL and 2609' FEL of Section 24, T175-R28E, to an approximate bottom hole location 1347' FSL and 415' FWL of Section 20, T-175-R28E, to an approximate surface hole location 1400' FSL and 2609' FEL of Section 24, T175-R27E ("Bonzo 3H"); (4) Bonzo Federal Com 1924CDX 003H well, to be horizontally drilled from an approximate surface hole location 1400' FSL and 2612' FEL of Section 20, T-175-R28E, to an approximate bottom hole location 1945' FWL of Section 20, T-175-R28E, to an approximate bottom hole location 1945' FWL of Section 20, T-175-R28E, to an approximate bottom hole location 1945' FWL of Section 20, T-175-R28E, to an approximate bottom hole location 1945' FSL and 2612' FEL of Section 24, T175-R27E ("Bonzo 4H"); (5)

Bonzo Federal Com 1924CDX
005H well, to be horizontally
drilled from an approximate surface hole location 1297' FSL and
415' FWL of Section 20, T-175R2BE, to an approximate bottom
hole location 570' FSL and 2514'
FEL of Section 24, T175-R27E
("Bonzo SH"), and; (6) Bonzo
Federal Com 1924CDX 006H
well, to be horizontally drilled
from an approximate surface
hole location 1272' FSL and 415'
FWL of Section 20, T-175-R28E,
to an approximate bottom hole
location 142' FSL and 2615' FEL
of Section 24, T175-R27E ("Bonzo 6H"). The first and last take
points for the proposed wells
will meet the setback requirements set forth in the statewide
rules for horizontal oil wells.
The completed laterals for the
Bonzo 1H, Bonzo 2H, Bonzo 3H,
Bonzo 4H, and Bonzo 5H comply
with the standard setbacks. The
completed lateral proposed for
the Bonzo 6H does not satisfy
the standard setback because
the completed interval is closer
than 330' from the outer boundary of the HSU. Longfellow
will be seeking separate approval of a non-standard location
for the Bonzo 6H. Also to be
considered will be the cost of
drilling and completing the
wells and the allocation of the
costs, the designation of Applicant as Operator of the wells,
and a 200% charge for the risk
involved in drilling and completing the wells. The wells and
lands are located approximately
14 miles west of Loco Hills, New
Mexico.

This application will be set for hearing before a Division Examiner at the New Mexico Oil Conservation Division on July 1, 2021 beginning at 8:15 a.m. During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date: http://www.emn.d.state.nm.us/OCD/hearings.html.

You are not required to attend this hearing, but as an owner of an interest that may be affected, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging this application at a later time. If you intend to present testimony or evidence at the hearing, you must enter your appearance by June 23, 2021, and serve the Division, counsel for the Applicant, and other parties with a pre-hearing statement by June 24, 2021, in accordance with Division Rule 19.15.4.13 NMAC. For further information, contact the applicant's attorney, Sharon T. Shaheen, Montgomery & Andrews, P.A., 325 Paseo de Peralta, Sunta Fe, New Mexico 87501, (505) 986-2678.

APRAZASA Current Argus, Jun. 16, 2021