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

### APPLICATION OF COG OPERATING LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

**CASE NO. 23303** 

### **EXHIBIT INDEX**

### Compulsory Pooling Checklist

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Exhibit B	Self-Affirmed Statement of Andrew Fletcher
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ALL INFORMATION IN THE APPLICATION MUST BE SUI	PPORTED BY SIGNED AFFIDAVITS
23303	APPLICANT'S RESPONSE
Date	April 6, 2023
Applicant	COG Operating LLC
Designated Operator & OGRID (affiliation if applicable)	OGRID No. 229137
Applicant's Counsel: Case Title:	Hinkle Shanor LLP Application of COG Operating LLC for Compulsory Pooling, Eddy County, New Mexico
Entries of Appearance/Intervenors:	Chevron U.S.A. Inc.
Well Family	Flaming Snail
Formation/Pool	Walfar
Formation Name(s) or Vertical Extent:	Wolfcamp
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Wolfcamp
Pool Name and Pool Code:	Purple Sage; Wolfcamp Pool (Code 98220)
Well Location Setback Rules:	Statewide
Spacing Unit	Ussissatel
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	1,920
Building Blocks:	320-acre
Orientation:	North/South
Description: TRS/County  Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	Sections 28 and 33 of Township 25 South, Range 27 East, and Section 4 of Township 26 South, Range 27 East, Eddy County Yes.
Other Situations Depth Severance: Y/N. If yes, description	No.
Proximity Tracts: If yes, description	No.
Proximity Defining Well: if yes, description	N/A
Applicant's Ownership in Each Tract	Exhibit A-3
<u>''</u>	
Well(s)  Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or nonstandard)	Add wells as needed
Well #1	Flaming Snail Fed Com 701H (API #) SHL: 655' FNL & 915' FEL (Unit A), Section 28, T25S, R27E BHL: 200' FSL & 330' FEL (Unit P), Section 4, T26S, R27E Completion Target: Wolfcamp Formation (Approx. 8,925' TVD)
	Flaming Snail Fed Com 702H (API #) SHL: 655' FNL & 945' FEL (Unit A), Section 28, T25S, R27E BHL: 200' FSL & 815' FEL (Unit P), Section 4, T26S, R27E Completion Target: Wolfcamp Formation (Approx. 8,925' TVD)
	Flaming Snail Fed Com 703H (API #) SHL: 655' FNL & 975' FEL (Unit A), Section 28, T25S, R27E BHL: 200' FSL & 1300' FEL (Unit P), Section 4, T26S, R27E Completion Target: Wolfcamp Formation (Approx. 8,925' TVD)
	Flaming Snail Fed Com 704H (API #) SHL: 655' FNL & 1005' FEL (Unit A), Section 28, T25S, R27E BHL: 200' FSL & 1785' FEL (Unit O), Section 4, T26S, R27E

Received by OCD: 3/30/2023 4:52:47 PM	
	Flaming Snail Fed Com 705H (API #)
	SHL: 655' FNL & 1035' FEL (Unit A), Section 28, T25S, R27E
	BHL: 200' FSL & 2270' FEL (Unit O), Section 4, T26S, R27E
	Completion Target: Wolfcamp Formation (Approx. 8,925' TVD)
	Sharing Savil Food Sava 70GU (ADLW)
	Flaming Snail Fed Com 706H (API #)
	SHL: 705' FNL & 1775' FWL (Unit C), Section 28, T25S, R27E BHL: 200' FSL & 2490' FWL (Unit N), Section 4, T26S, R27E
	Completion Target: Wolfcamp Formation (Approx. 8,925' TVD)
	completion ranges. Worksamp rounds on (Approx. 6,525 148)
	Flaming Snail Fed Com 707H (API #)
	SHL: 705' FNL & 1745' FWL (Unit C), Section 28, T25S, R27E
	BHL: 200' FSL & 2005' FWL (Unit M), Section 4, T26S, R27E
	Completion Target: Wolfcamp Formation (Approx. 8,925' TVD)
	Flaming Snail Fed Com 708H (API #)
	SHL: 705' FNL & 1715' FWL (Unit C), Section 28, T25S, R27E
	BHL: 200' FSL & 1520' FWL (Unit N), Section 4, T26S, R27E
	Completion Target: Wolfcamp Formation (Approx. 8,925' TVD)
	Flowing Coall Fod Core 700U (ADL# )
	Flaming Snail Fed Com 709H (API #)
	SHL: 705' FNL & 1685' FWL (Unit C), Section 28, T25S, R27E BHL: 200' FSL & 1035' FWL (Unit M), Section 4, T26S, R27E
	Completion Target: Wolfcamp Formation (Approx. 8,925' TVD)
	Flaming Snail Fed Com 710H (API #)
	SHL: 705' FNL & 1655' FWL (Unit C), Section 28, T25S, R27E
	BHL: 200' FSL & 550' FWL (Unit M), Section 4, T26S, R27E
	Completion Target: Bone Spring Formation (Approx. 8,925' TVD)
	Floreing Cooil Food Core 90111 (ADL# )
	Flaming Snail Fed Com 801H (API #) SHL: 505' FNL & 975' FEL (Unit A), Section 28, T25S, R27E
	BHL: 200' FSL & 330' FEL (Unit A), Section 4, T265, R27E
	Completion Target: Wolfcamp Formation (Approx. 9,775' TVD)
	Flaming Snail Fed Com 802H (API #)
	SHL: 505' FNL & 1005' FEL (Unit A), Section 28, T25S, R27E
	BHL: 200' FSL & 1210' FEL (Unit P), Section 4, T26S, R27E
	Completion Target: Wolfcamp Formation (Approx. 9,775' TVD)
	Flaming Snail Fed Com 803H (API #)
	SHL: 505' FNL & 1035' FEL (Unit A), Section 28, T25S, R27E
	BHL: 200' FSL & 2090' FEL (Unit O), Section 4, T26S, R27E
	Completion Target: Wolfcamp Formation (Approx. 9,775' TVD)
	Flaming Spail End Com 804H (ADI # )
	Flaming Snail Fed Com 804H (API #) SHL: 555' FNL & 1685' FWL (Unit C), Section 28, T25S, R27E
	BHL: 200' FSL & 1430' FWL (Unit N), Section 4, T265, R27E
	Completion Target: Wolfcamp Formation (Approx. 9,775' TVD)
	Flaming Snail Fed Com 805H (API #)
	SHL: 555' FNL & 1685' FWL (Unit C), Section 28, T25S, R27E
	BHL: 200' FSL & 1430' FWL (Unit N), Section 4, T26S, R27E
	Completion Target: Wolfcamp Formation (Approx. 9,775' TVD)
	Flaming Snail Fed Com 806H (API #)
	SHL: 555' FNL & 1655' FWL (Unit C), Section 28, T25S, R27E
	BHL: 200' FSL & 550' FWL (Unit M), Section 4, T26S, R27E
	Completion Target: Wolfcamp Formation (Approx. 9,775' TVD)
Horizontal Well First and Last Take Points	Exhibit A-2
Completion Target (Formation, TVD and MD)	Exhibit A-5
Released to Imaging: 3/31/2023 10:25:48 AM	
AFE Capex and Operating Costs	

Received by OCD: 3/30/2023 4:52:47 PM	
Drilling Supervision/Month \$	\$8,000.00
Production Supervision/Month \$	\$800.00
Justification for Supervision Costs	Exhibit A
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit A-1
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit C-1, Exhibit C-2, Exhibit C-3
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit C-4
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit A-3
Tract List (including lease numbers and owners)	Exhibit A-3
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	N/A
Pooled Parties (including ownership type)	Exhibit A-3
Unlocatable Parties to be Pooled Ownership Depth Severance (including percentage above & below)	N/A
ownership bepair severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit A-5
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-3
Chronology of Contact with Non-Joined Working Interests	Exhibit A-6
Overhead Rates In Proposal Letter	Exhibit A-5, \$8000/\$800
Cost Estimate to Drill and Complete	Exhibit A-5
Cost Estimate to Equip Well	Exhibit A-5
Cost Estimate for Production Facilities	Exhibit A-5
Geology	
Summary (including special considerations)	Exhibit B
Spacing Unit Schematic	Exhibit B-2
Gunbarrel/Lateral Trajectory Schematic	N/A
Well Orientation (with rationale)	Exhibit B
Target Formation	Exhibit B
HSU Cross Section	Exhibit B-4
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit A-2
Tracts	Exhibit A-3
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-3
General Location Map (including basin)	Exhibit B-2
Well Bore Location Map	Exhibit B-2
Structure Contour Map - Subsea Depth	Exhibits B-3
Cross Section Location Map (including wells)	Exhibit B-4
Cross Section (including Landing Zone)	Exhibits B-5
Gross Isopach Map	N/A
Additional Information	
Special Provisions/Stipulations	N/A
CERTIFICATION: I hereby certify that the information provided in	this checklist is complete and accurate.
Printed Name (Attorney or Party Representative):	Dana S. Hardy
Signed Name (Attorney or Party Representative):	/s/ Dana S. Hardy
Date:	3/30/2023
butc.	3/30/2023

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

APPLICATION OF COG OPERATING LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

**CASE NO. 23303** 

# SELF-AFFIRMED STATEMENT OF SHELLEY C. KLINGLER

- 1. I am a Staff Land Negotiator for COG Operating LLC ("COG"). I am over 18 years of age, have personal knowledge of the matters addressed herein, and am competent to provide this Self-Affirmed Statement. I have previously testified before the New Mexico Oil Conservation Division ("Division") and my credentials as an expert in petroleum land matters were accepted and made a matter of record.
- 2. I have been directly involved in development of the horizontal spacing units that are the subject of COG's applications, and I am familiar with the objection filed by Chevron U.S.A. Inc. ("Chevron"). Chevron has not filed competing pooling applications or proposed its own development plan for any of the acreage included in COG's proposed horizontal spacing unit.
  - 3. A copy of COG's application and proposed notice is attached as **Exhibit A-1**.
- 4. COG seeks an order pooling all uncommitted interests in the Wolfcamp formation underlying a 1,920-acre, more or less, standard horizontal spacing unit comprised of Sections 28 and 33 of Township 25, South, Range 27 East, and Section 4 of Township 26 South, Range 27 East, Eddy County, New Mexico ("Unit"). The Unit will be dedicated to the following wells ("Wells"):
  - Flaming Snail Fed Com 701H, Flaming Snail Fed Com 702H, Flaming Snail Fed Com 703H, Flaming Snail Fed Com 801H, and Flaming Snail Fed Com 802H, to be drilled from a surface hole location in the NE/4 NE/4 (Unit

COG Operating LLC Case No. 23303 Exhibit A

- A) of Section 28, Township 25 South, Range 27 East, to bottom hole locations in the SE/4 SE/4 (Unit P) of Section 4, Township 26 South, Range 27 East;
- Flaming Snail Fed Com 704H, Flaming Snail Fed Com 705H, and Flaming Snail Fed Com 803H, to be drilled from a surface hole location in the NE/4 NE/4 (Unit A) of Section 28, Township 25 South, Range 27 East, to bottom hole locations in the SW/4 SE/4 (Unit O) of Section 4, Township 26 South, Range 27 East;
- Flaming Snail Fed Com 706H, Flaming Snail Fed Com 707H, Flaming Snail Fed Com 708H, Flaming Snail Fed Com 804H, and Flaming Snail Fed Com 805H, to be drilled from a surface hole location in the NE/4 NW/4 (Unit C) of Section 28, Township 25 South, Range 27 East, to bottom hole locations in the SE/4 SW/4 (Unit N) of Section 4, Township 26 South, Range 27 East; and
- Flaming Snail Fed Com 709H, Flaming Snail Fed Com 710H, and Flaming Snail Fed Com 806H, to be drilled from a surface hole location in the NE/4 NW/4 (Unit C) of Section 28, Township 25 South, Range 27 East, to bottom hole locations in the SW/4 SW/4 (Unit M) of Section 4, Township 26 South, Range 27 East.
- 5. The proposed Wells will be completed from North to South, and the completed intervals of the Wells will be orthodox.
- 6. The Wells are located in the Purple Sage; Wolfcamp Pool (Code 98220). With respect to well setback requirements, this pool is subject to the statewide horizontal well rules set

out in NMAC 19.15.16.15. Spacing in this pool is based on 320-acre tracts, and the Unit is constructed based on 320-acre tracts.

- 7. The completed interval of the Flaming Snail Fed Com 706H well will be located within 330' of the line separating the E/2 and W/2 of Sections 28 and 33, Township 25 South, Range 27 East, and Section 4, Township 26 South, Range 27 East, to allow for the creation of a 1,920-acre standard horizontal spacing unit.
  - 8. The C-102s for the Wells are attached as **Exhibit A-2**.
- 9. A plat of the tracts included in the Unit and the associated ownership interests is attached as **Exhibit A-3**. Exhibit A-3 also identifies the ownership in each tract, includes a unit recapitulation, and identifies the interests COG seeks to pool highlighted in yellow.
- 10. COG controls 98.5417% of the working interest in its proposed Unit. COG has an operating agreement with Veritas Permian Resources III LLC ("Veritas"), and both Veritas and Occidental Petroleum have provided letters of support for COG's proposed development. Copies of those letters are attached as **Exhibit A-4.** Section 4 of the proposed Unit is under two leases. In Section 4, COG owns 71.5% of one lease and 91.7% of the second lease. Chevron owns 2.5% of one lease and 6.25% of the second lease. Thus, Chevron owns a 1.4583% interest in COG's proposed Unit.
- 11. There are no unlocatable interests in that COG believes it located a valid address for each party. To locate the interest owners, I performed internet searches on multiple databases, including Lexis-Nexis Accurint, which is a paid subscription service. COG has conducted a diligent search of all county public records including phone directories and computer databases.
- 12. COG seeks to develop the entirety of Sections 28, 33, and 4. Allowing COG to develop these three sections is the most prudent way to develop the acreage at issue and will

prevent waste because COG will have the ability to coordinate development within the Unit and implement operational efficiencies, such as batch drilling and consolidated surface facilities.

- 13. COG's comprehensive development plan also protects correlative rights and prevents the drilling of unnecessary wells. COG will have the ability to best locate its wells within each spacing unit, and COG's plan to drill three-mile laterals will allow it to efficiently produce the underlying reserves without the setback limitations that would apply if the acreage were developed with shorter laterals.
- 14. COG's proposal to drill three-mile laterals will also minimize the need for surface facilities. COG plans to complete 22 wells (16 Wolfcamp and 6 Bone Spring), each 3 miles long in Sections 28, 33, and 4, and proposes to drill and operate the wells from one pad in the W/2 and one pad in the E/2 of Section 28. COG's proposal to fully develop two formations underlying three sections from only two well pads will reduce environmental, surface, and economic waste.
- 15. COG has the ability to timely locate well sites in this area. The BLM has approved COG's Applications for Permits to Drill and will allow COG to surface commingle Bone Spring and Wolfcamp production from the same acreage. This ability allows COG to reduce the number of surface facilities, avoids the need for commingling approvals from the BLM, and reduces costs.
  - 16. COG has contracts in place for the takeaway of gas and water.
- 17. **Exhibit A-5** includes a sample well proposal letter and AFEs sent to working interest owners in the Wells. The estimated cost of the Wells is fair and reasonable and is comparable to the cost of other wells of similar depth and length drilled in Eddy County.
- 18. A summary of COG's contacts with the pooled parties is attached as **Exhibit A-6**. In my opinion, COG has made a good faith effort to obtain the voluntary joinder of uncommitted interests in the proposed wells.

- 19. COG requests overhead and administrative rates of \$8,000 per month while the well is being drilled and \$800 per month while the well is producing. These rates are fair and are comparable to the rates charged by COG and by other operators in the vicinity. They are also the rates set forth in the Joint Operating Agreement for the Unit. COG further requests that the rates be adjusted periodically in accordance with the COPAS Accounting Procedure.
  - 20. COG requests that it be designated the operator of the wells.
- 21. COG also requests that a 200% risk charge be assessed against the uncommitted interests if they are non-consenting working interest owners.
- 22. For the reasons set out above, it is my opinion that granting COG's applications would best prevent waste, protect correlative rights, and prevent the drilling of unnecessary wells. COG should be permitted to proceed with its development plan, and Chevron's objections should be rejected.
- 23. The attached exhibits were either prepared by me or under my supervision or were compiled from company business records.
- 24. I understand this Self-Affirmed Statement will be used as written testimony in the subject cases. I affirm that my testimony above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

March 28, 2023

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

APPLICATION OF COG OPERATING LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

**CASE NO. 23303** 

### **APPLICATION**

In accordance with NMSA 1978, § 70-2-17, COG Operating LLC ("COG" or "Applicant"), through its undersigned attorneys, files this application with the Oil Conservation Division ("Division") seeking an order pooling all uncommitted interests in the Wolfcamp formation underlying a 1,920-acre, more or less, standard horizontal spacing unit comprised of Sections 28 and 33 of Township 25 South, Range 27 East, and Section 4 of Township 26 South, Range 27 East, Eddy County, New Mexico ("Unit"). In support of this application, COG states the following.

- 1. Applicant (OGRID No. 229137) is a working interest owner in the Unit and has the right to drill thereon.
  - 2. Applicant seeks to dedicate the Unit to the following proposed wells ("Wells"):
  - a. Flaming Snail Fed Com 701H, Flaming Snail Fed Com 702H, Flaming Snail Fed Com 703H well, Flaming Snail Fed Com 801H well, and Flaming Snail Fed Com 802H, to be drilled from a surface hole location in the NE/4 NE/4 (Unit A) of Section 28, Township 25 South, Range 27 East, to bottom hole locations in the SE/4 SE/4 (Unit P) of Section 4, Township 26 South, Range 27 East;
  - b. Flaming Snail Fed Com 704H, Flaming Snail Fed Com 705H well, and Flaming Snail Fed Com 803H, to be drilled from a surface hole location in the NE/4 NE/4 (Unit A) of Section 28, Township 25 South, Range 27 East, to bottom hole locations in the SW/4 SE/4 (Unit O) of Section 4, Township 26 South, Range 27 East;

COG Operating LLC Case No. 23303 Exhibit A-1

- Flaming Snail Fed Com 706H, Flaming Snail Fed Com 707H, Flaming Snail Fed Com 708H, Flaming Snail Fed Com 804H, and Flaming Snail Fed Com 805H, to be drilled from a surface hole location in the NE/4 NW/4 (Unit C) of Section 28, Township 25 South, Range 27 East, to bottom hole locations in the SE/4 SW/4 (Unit N) of Section 4, Township 26 South, Range 27 East; and
  - d. Flaming Snail Fed Com 709H, Flaming Snail Fed Com 710H, and Flaming Snail Fed Com 806H, to be drilled from a surface hole location in the NE/4 NW/4 (Unit C) of Section 28, Township 25 South, Range 27 East, to bottom hole locations in the SW/4 SW/4 (Unit M) of Section 4, Township 26 South, Range 27 East.
- 3. The completed intervals of the Wells will be orthodox.
- 4. The completed interval of the Flaming Snail Fed Com 706H well will be located within 330' of the quarter-quarter section line separating the E/2 and W/2 of Sections 28 and 33, Township 25 South, Range 27 East, and Section 4, Township 26 South, Range 27 East, to allow for the creation of a 1,920-acre standard horizontal spacing unit.
- 5. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all of the interest owners in the Unit.
- 6. The pooling of interests will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.
- 7. Approval of a horizontal spacing unit is necessary to prevent waste and protect correlative rights.
- 8. In order to permit Applicant to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted interests in the Unit should be pooled and Applicant should be designated the operator of the proposed horizontal wells and the Unit.

WHEREFORE, Applicant requests that this application be set for hearing before an Examiner of the Oil Conservation Division on February 2, 2023, and, after notice and hearing as required by law, the Division enter an order:

- A. Pooling all uncommitted interests in the Unit;
- B. Approving the initial wells in the Unit;
- C. Designating Applicant as the operator of the Unit and the horizontal wells to be drilled thereon;
- D. Authorizing Applicant to recover its costs of drilling, equipping, and completing the wells;
- E. Approving the actual operating charges and costs of supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- F. Imposing a 200% charge for the risk assumed by Applicant in drilling and completing the wells against any working interest owner who does not voluntarily participate in the drilling of the wells.

Respectfully submitted,

HINKLE SHANOR LLP

<u>/s/ Dana S. Hardy</u>

Dana S. Hardy Jaclyn M. McLean

P.O. Box 2068

Santa Fe, NM 87504-2068

Phone: (505) 982-4554

Facsimile: (505) 98208623 dhardy@hinklelawfirm.com jmclean@hinklelawfirm.com

Counsel for COG Operating LLC

Application of COG Operating LLC for Compulsory Pooling, Eddy County, New Mexico. COG Operating LLC ("Applicant") seeks an order pooling all uncommitted interests in the Wolfcamp formation underlying a 1,920-acre, more or less, standard horizontal spacing unit comprised of Sections 28 and 33 of Township 25 South, Range 27 East, and Section 4 of Township 26 South, Range 27 East, Eddy County, New Mexico ("Unit"). Applicant seeks to dedicate the Unit to the following proposed wells ("Wells"): the Flaming Snail Fed Com 701H, Flaming Snail Fed Com 702H, Flaming Snail Fed Com 703H, Flaming Snail Fed Com 801H, and Flaming Snail Fed Com 802H, to be drilled from a surface hole location in the NE/4 NE/4 (Unit A) of Section 28, Township 25 South, Range 27 East, to bottom hole locations in the SE/4 SE/4 (Unit P) of Section 4, Township 26 South, Range 27 East; the Flaming Snail Fed Com 704H, Flaming Snail Fed Com 705H, and Flaming Snail Fed Com 803H, to be drilled from a surface hole location in the NE/4 NE/4 (Unit A) of Section 28, Township 25 South, Range 27 East, to bottom hole locations in the SW/4 SE/4 (Unit O) of Section 4, Township 26 South, Range 27 East; the Flaming Snail Fed Com 706H, Flaming Snail Fed Com 707H, Flaming Snail Fed Com 708H, Flaming Snail Fed Com 804H, and Flaming Snail Fed Com 805H, to be drilled from a surface hole location in the NE/4 NW/4 (Unit C) of Section 28, Township 25 South, Range 27 East, to bottom hole locations in the SE/4 SW/4 (Unit N) of Section 4, Township 26 South, Range 27 East; and the Flaming Snail Fed Com 709H, Flaming Snail Fed Com 710H, and Flaming Snail Fed Com 806H, to be drilled from a surface hole location in the NE/4 NW/4 (Unit C) of Section 28, Township 25 South, Range 27 East, to a bottom hole location in the SW/4 SW/4 (Unit M) of Section 4, Township 26 South, Range 27 East. The completed intervals of the Wells will be orthodox. The completed interval of the Flaming Snail Fed Com 706H well will be located within 330' of the quarter-quarter section line separating the E/2 and W/2 of Sections 28 and 33, Township 25 South, Range 27 East, and Section 4, Township 26 South, Range 27 East, to allow for the creation of a 1,920-acre standard horizontal spacing unit. 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 the operator of the Wells, and a 200% charge for the risk involved in drilling and completing the Wells. The Wells are located approximately 22 miles south of Carlsbad, New Mexico.

Case No. 23303

State of New Mexico DISTRICT I 1625 N. FRENCH DR., HOBBS, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720

Exhibit A-2

Energy, Minerals & Natural Resources Department DISTRICT II 811 S. FIRST ST., ARTESIA, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 CONSERVATION DIVISION

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

DISTRICT III 1000 RIO BRAZOS RD., AZTEC, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

□ AMENDED REPORT

DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA FE, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

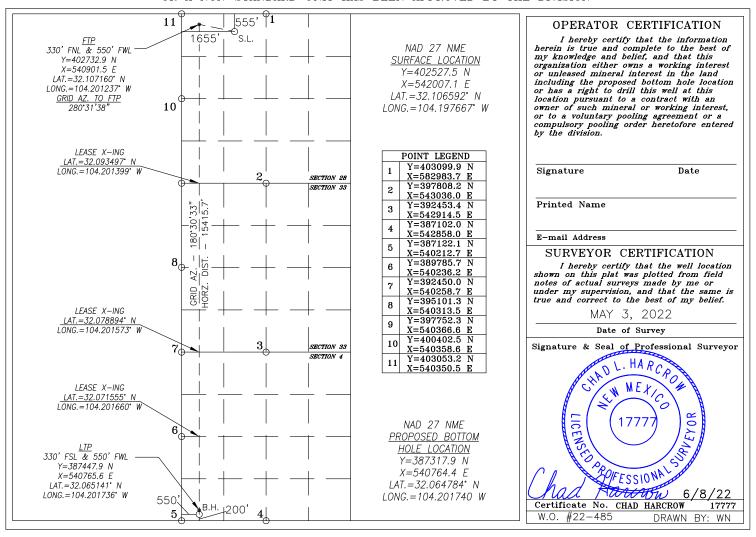
	WELL LOCATION AND	ACREAGE DEDICATION PLAT				
API Number	98220 Pool Code					
Property Code	-	erty Name	Well Number			
	FLAMING SNA	IL FEDERAL COM	806H			
OGRID No.	-	ator Name RATING, LLC	Elevation 3150.7'			

#### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
С	28	25-S	27-E		555	NORTH	1655	WEST	EDDY

#### Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	4	26-S	27-E		200	SOUTH	550	WEST	EDDY
Dedicated Acre	s Joint o	r Infill Co	nsolidation	Code Or	der No.				•



State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

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

DISTRICT III 1000 RIO BRAZOS RD., AZTEC, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

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

 $\ \square$  AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

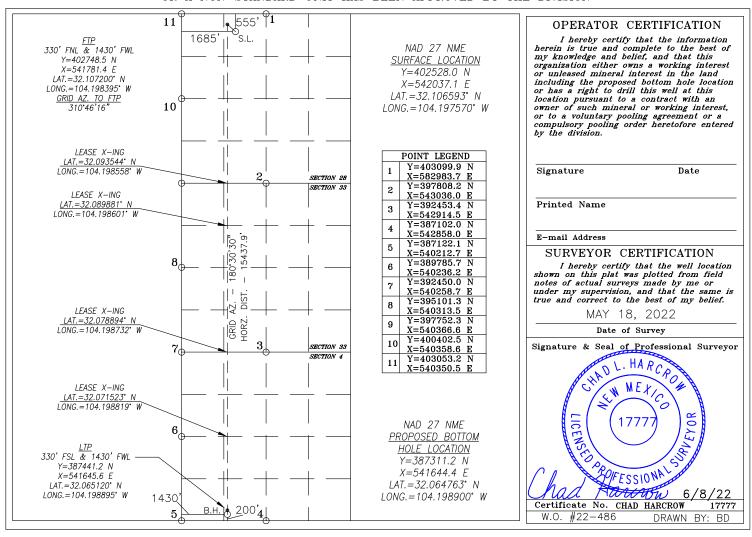
API Number	Pool Code	Pool Name	
Property Code		Property Name NAIL FEDERAL COM	Well Number 805H
OGRID No.		Operator Name PERATING, LLC	Elevation 3150.5'

#### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
С	28	25-S	27-E		555	NORTH	1685	WEST	EDDY

#### Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	4	26-S	27-E		200	SOUTH	1430	WEST	EDDY
Dedicated Acres	Dedicated Acres   Joint or Infill   Consolidation Code		Code Or	der No.					
1,920									



State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

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WELL LOCATION AND ACREAGE DEDICATION PLAT

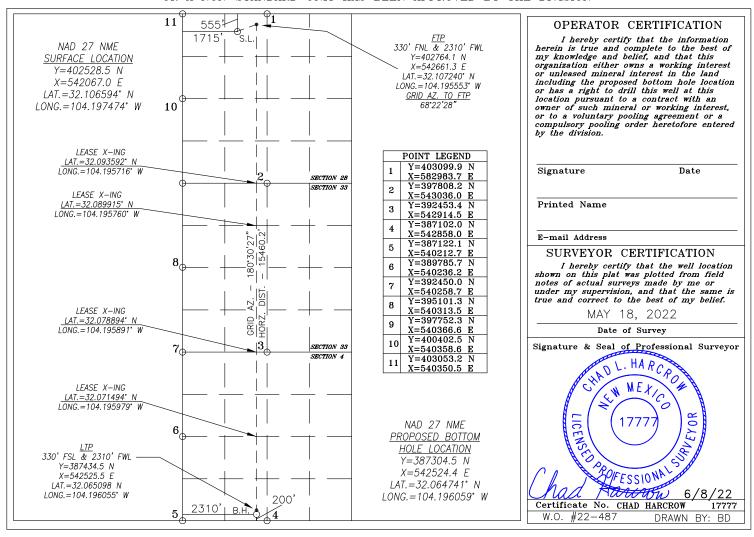
API Number	Pool Code 98220	D 1 C XX 16			
Property Code	FLAMING	Property Name SNAIL FEDERAL COM	Well Number 804H		
OGRID No.	COG	Operator Name OPERATING, LLC	Elevation 3150.6'		

#### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
С	28	25-S	27-E		555	NORTH	1685	WEST	EDDY

#### Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	4	26-S	27-E		200	SOUTH	1430	WEST	EDDY
Dedicated Acre	s Joint o	r Infill	Consolidation	Code Or	der No.				
1,920									



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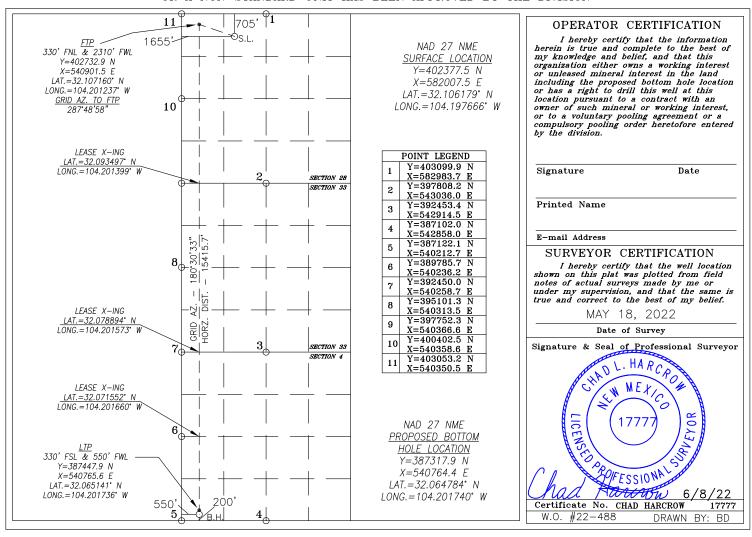
	WELL LOCATION AND	ACREAGE DEDICATION PLAT	
API Number	Pool Code	Pool Name	
	98220	Purple Sage; Wolfcamp	
Property Code	Prop	erty Name	Well Number
	FLAMING SNA	IL FEDERAL COM	710H
OGRID No.	Oper-	ator Name	Elevation
	COG OPE	RATING, LLC	3155.0'

#### Surface Location

UL	or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	С	28	25-S	27-E		705	NORTH	1655	WEST	EDDY

#### Bottom Hole Location If Different From Surface

UL or lot No.	Section	Townshi	ip	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	4	26-	S	27-E		200	SOUTH	550	WEST	EDDY
Dedicated Acres	s Joint o	r Infill	Con	solidation (	Code Or	der No.			•	
1,920										



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WELL LOCATION AND ACREAGE DEDICATION PLAT

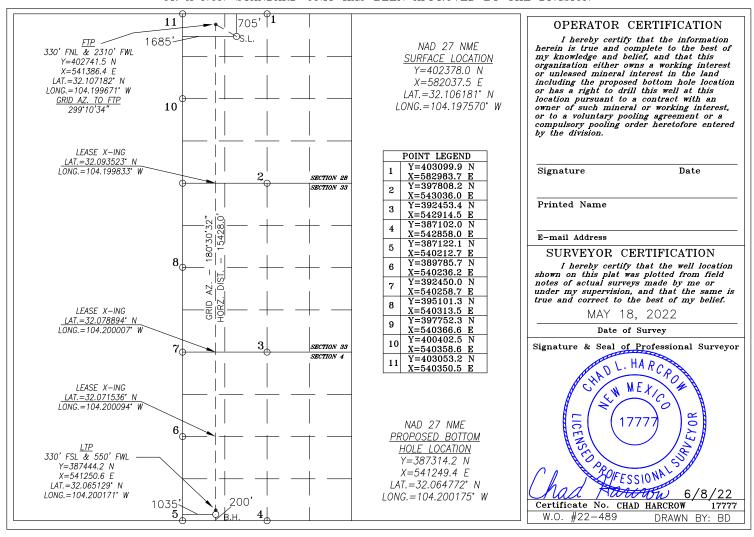
API Number	Pool Code 98220	Purple Sage; Wolfcan	ol Name <b>np</b>
Property Code	FLAMING	Property Name SNAIL FEDERAL COM	Well Number 709H
OGRID No.	COG	Operator Name OPERATING, LLC	Elevation 3154.6'

#### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
С	28	25-S	27-E		705	NORTH	1685	WEST	EDDY

#### Bottom Hole Location If Different From Surface

UL or	r lot No.	Section	Townsh	ip	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	М	4	26-	·S	27-E		200	SOUTH	1035	WEST	EDDY
Dedic	cated Acres	Joint o	r Infill	Cor	nsolidation (	Code Or	der No.				
1,	,920										



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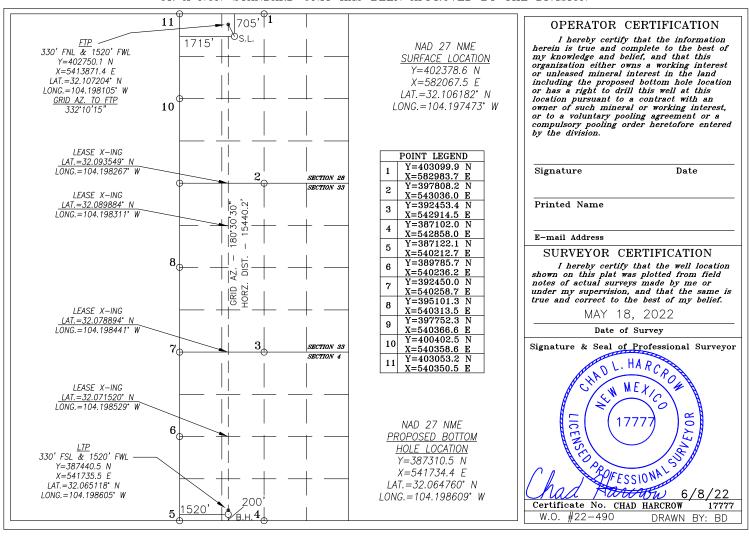
API Number	98220 Pool Code	Pool Name Purple Sage; Wolfcamp			
Property Code	-	AIL FEDERAL COM  Well Num  708			
OGRID No.	•	ator Name RATING, LLC	Elevation 3153.9'		

#### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
С	28	25-S	27-E		705	NORTH	1715	WEST	EDDY

#### Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	4	26-S	27-E		200	SOUTH	1520	WEST	EDDY
Dedicated Acres	s Joint o	r Infill	Consolidation (	Code Or	der No.				
1,920									



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WELL LOCATION AND ACREAGE DEDICATION PLAT

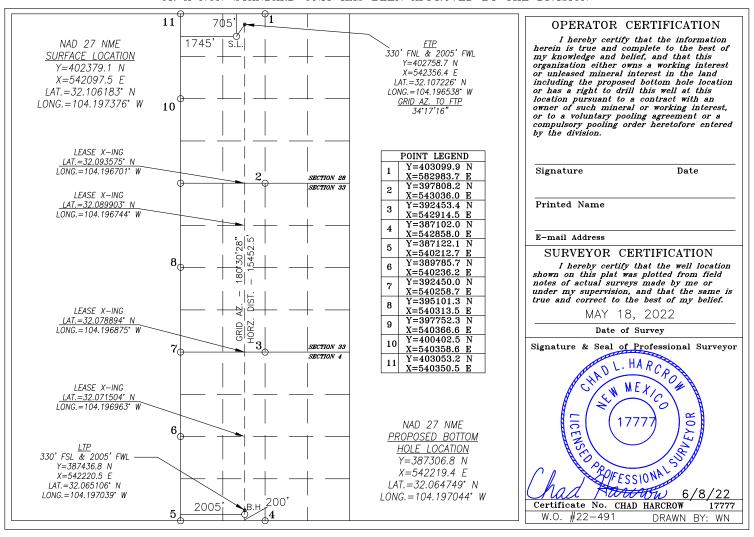
API Number	Pool Code 98220	Purple Sage; Wolfcamp	
Property Code	FLAMING	Property Name SNAIL FEDERAL COM	Well Number 707H
OGRID No.	COG	Operator Name OPERATING, LLC	Elevation 3153.2'

#### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
С	28	25-S	27-E		705	NORTH	1745	WEST	EDDY

#### Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	4	26-S	27-E		200	SOUTH	2005	WEST	EDDY
Dedicated Acres 1,920	s Joint o	r Infill Co	nsolidation (	Code Or	der No.				



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WELL LOCATION AND ACREAGE DEDICATION PLAT

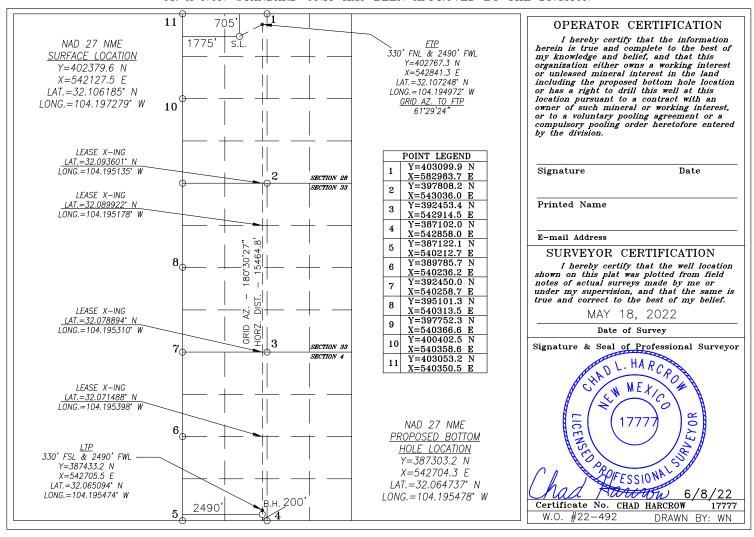
API Number	Pool Code 98220	Pool Name Purple Sage; Wolfcamp	
Property Code	FLAMING	Property Name SNAIL FEDERAL COM	Well Number 706H
OGRID No.	COG	Operator Name OPERATING, LLC	Elevation 3152.5'

#### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
С	28	25-S	27-E		705	NORTH	1775	WEST	EDDY

#### Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	4	26-S	27-E		200	SOUTH	2490	WEST	EDDY
Dedicated Acres	s Joint o	r Infill (	Consolidation	Code Or	der No.				



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WELL LOCATION AND ACREAGE DEDICATION PLAT

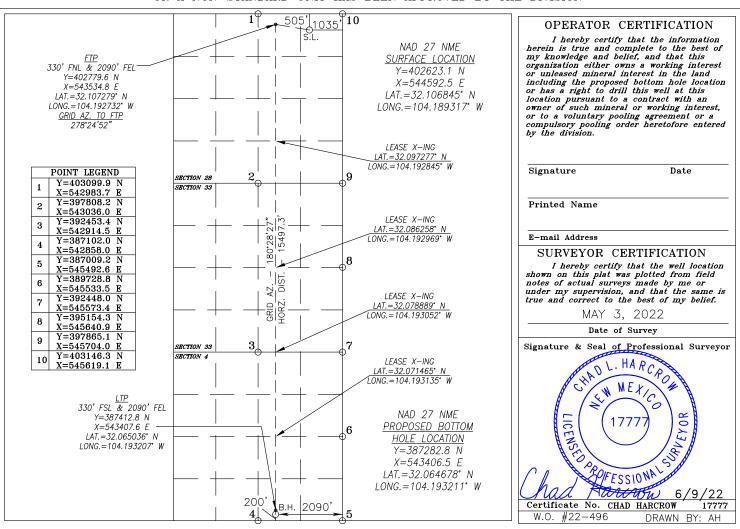
API Number	98220 Pool Code	Pool Name Purple Sage; Wolfcmap	
Property Code	•	perty Name AIL FEDERAL COM	Well Number 803H
OGRID No.	•	rator Name ERATING, LLC	Elevation 3124.7'

#### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	28	25-S	27-E		505	NORTH	1035	EAST	EDDY

#### Bottom Hole Location If Different From Surface

UL or lot No.	Section	Townshi	p	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	4	26-9	S	27-E		200	SOUTH	2090	EAST	EDDY
Dedicated Acres   Joint or Infill   Consolidation Code		Code Or	der No.							
1,920										



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WELL LOCATION AND ACREAGE DEDICATION PLAT

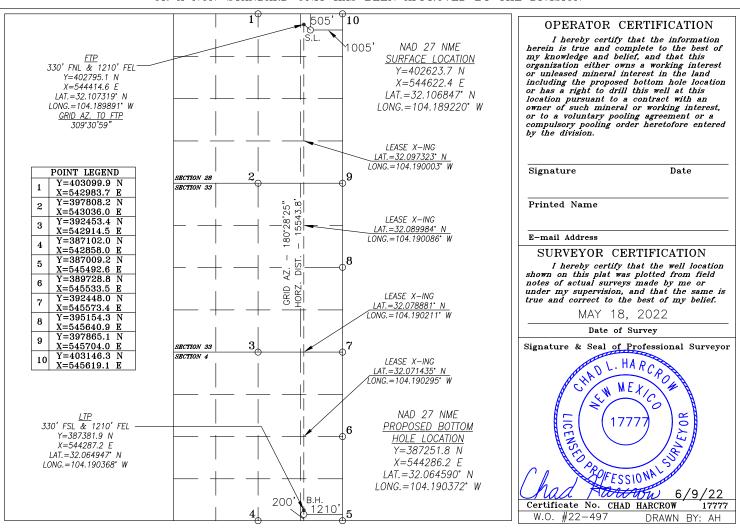
API Number	98220 Pool Code	Purple Sage; Wolfcamp	
Property Code		Property Name NAIL FEDERAL COM	Well Number 802H
OGRID No.		<sup>Operator Name</sup> PERATING, LLC	Elevation 3124.7'

#### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	28	25-S	27-E		505	NORTH	1005	EAST	EDDY

#### Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	4	26-S	27-E		200	SOUTH	1210	EAST	EDDY
Dedicated Acres	s Joint o	r Infill	Consolidation	Code Or	der No.				



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WELL LOCATION AND ACREAGE DEDICATION PLAT

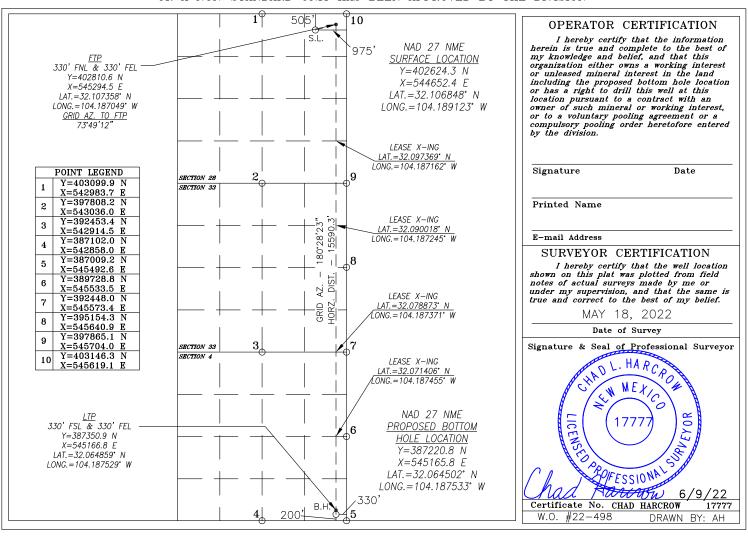
	WELL LOCATION AND	ACKEAGE DEDICATION PLAT	
API Number	Pool Code 98220	Purple Sage; Wolfcamp	
Property Code	Prop	erty Name	Well Number
	FLAMING SNA	IL FEDERAL COM	801H
OGRID No.	•	ator Name RATING, LLC	Elevation 3125.3'

#### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	28	25-S	27-E		505	NORTH	975	EAST	EDDY

#### Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	4	26-5	S 27−E		200	SOUTH	330	EAST	EDDY
Dedicated Acres	s Joint o	r Infill	Consolidation	Code Or	der No.				
1,920									



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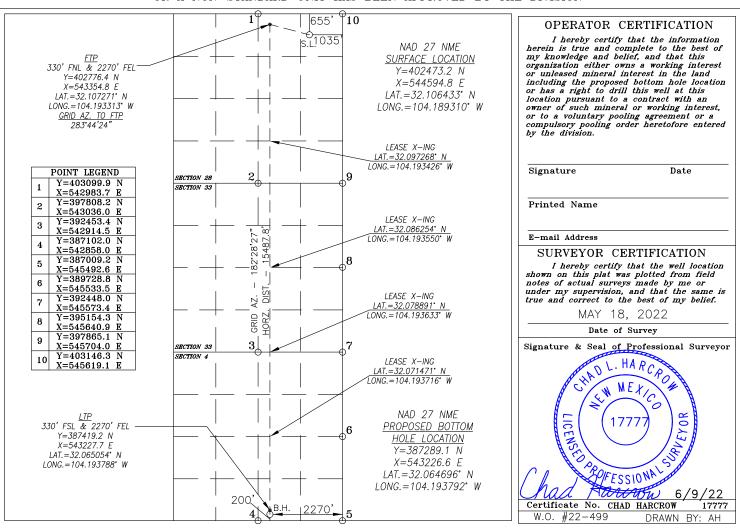
API Number	Pool Code 98220	Purple Sage; Wolfcamp	e
Property Code	FLAMING	Property Name SNAIL FEDERAL COM	Well Number 705H
OGRID No.	COG	Operator Name OPERATING, LLC	Elevation 3129.2'

#### Surface Location

UL or lo	No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A		28	25-S	27-E		655	NORTH	1035	EAST	EDDY

#### Bottom Hole Location If Different From Surface

UL or lot No.	Section	Townshi	ip	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	4	26-5	S	27-E		200	SOUTH	2270	EAST	EDDY
Dedicated Acre	s Joint o	r Infill	Con	solidation (	Code Or	der No.				
1,920										



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WELL LOCATION AND ACREAGE DEDICATION PLAT

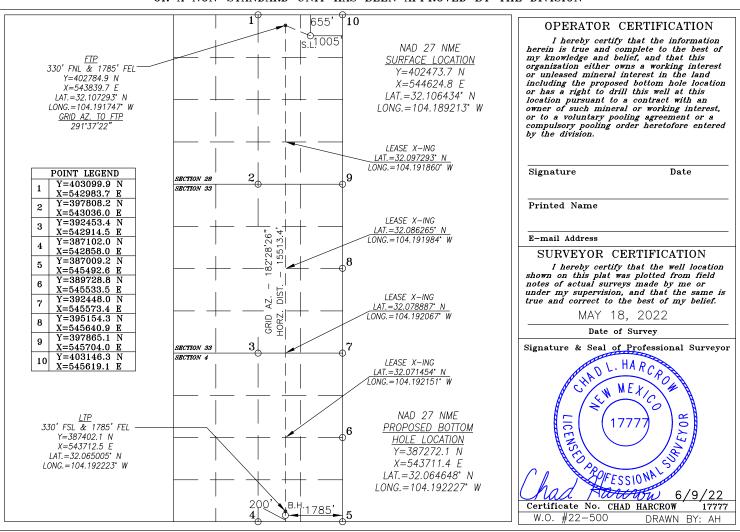
API Number	Pool Code 98220	Purple Sage; Wolfcamp	
Property Code		Property Name SNAIL FEDERAL COM	Well Number 704H
OGRID No.		Operator Name OPERATING, LLC	Elevation 3129.3'

#### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Α	28	25-S	27-E		655	NORTH	1005	EAST	EDDY

#### Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	4	26-S	27-E		200	SOUTH	1785	EAST	EDDY
Dedicated Acres	Joint o	r Infill C	onsolidation	Code Or	der No.				



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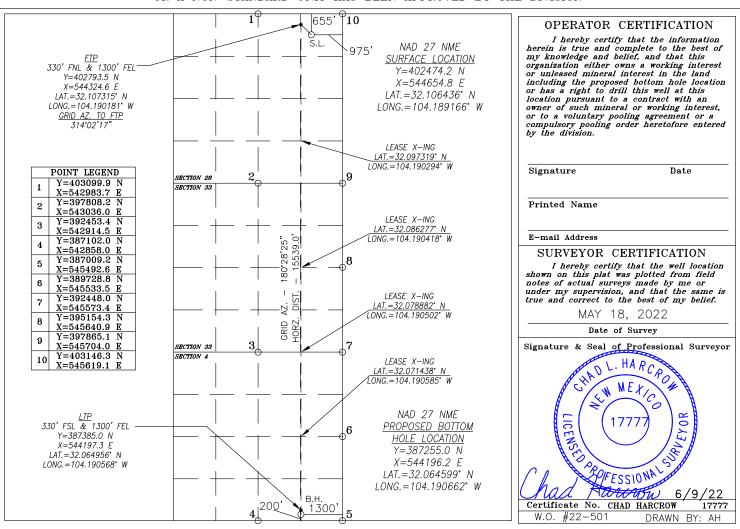
	WELL LOCATION AND	ACREAGE DEDICATION PLAT	
API Number	Pool Code	Pool Name	
	98220	Purple Sage; Wolfcamp	
Property Code	Prop	erty Name	Well Number
	FLAMING SNA	IL FEDERAL COM	703H
OGRID No.	0per	ator Name	Elevation
	COG OPE	RATING. LLC	3129 3'

#### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
А	28	25-S	27-E		655	NORTH	975	EAST	EDDY

#### Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	p Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	4	26-5	S 27-E		200	SOUTH	1300	EAST	EDDY
Dedicated Acres	s Joint o	r Infill	Consolidation	Code Or	der No.				•
1,920									



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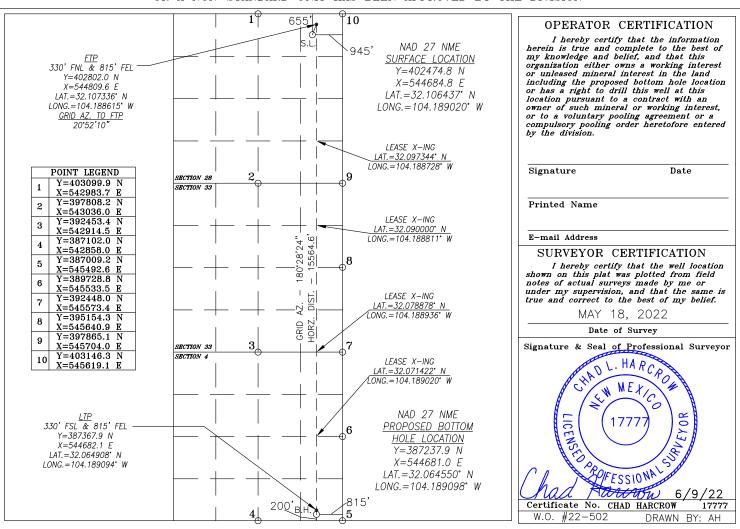
API Number	Pool Code 98220	Pool Name Purple Sage; Wolfcamp	
Property Code	FLAMING	Property Name SNAIL FEDERAL COM	Well Number 702H
OGRID No.	COG	Operator Name OPERATING, LLC	Elevation 3129.2

#### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
А	28	25-S	27-E		655	NORTH	945	EAST	EDDY

#### Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	p Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	4	26-5	S 27-	-	200	SOUTH	815	EAST	EDDY
Dedicated Acre	s Joint o	r Infill	Consolidatio	n Code C	rder No.				
1,920									



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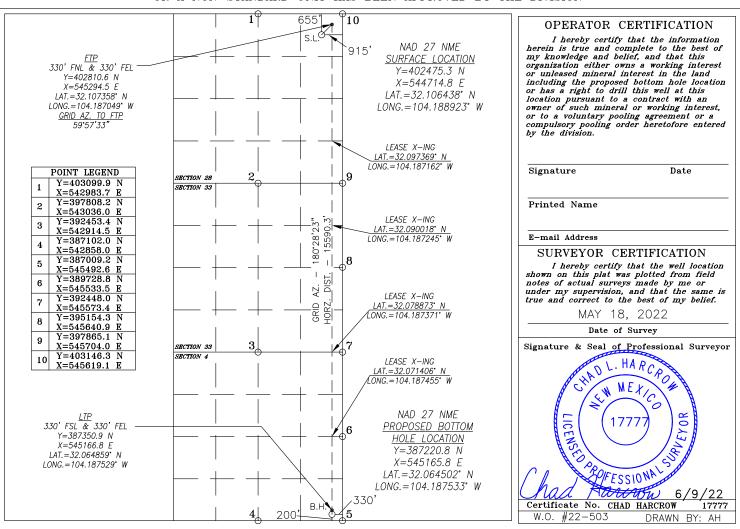
API Number	Pool Code 98220	Pool Name	
	96220	Purple Sage; Wolfcamp	
Property Code	Prop	erty Name	Well Number
	FLAMING SNA	IL FEDERAL COM	701H
OGRID No.	•	ator Name RATING, LLC	Elevation 3129.3'

#### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Α	28	25-S	27-E		655	NORTH	915	EAST	EDDY

#### Bottom Hole Location If Different From Surface

UL or lot No.	Section	Townshi	ip	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Р	4	26-	S	27-E		200	SOUTH	330	EAST	EDDY
Dedicated Acres	s Joint o	r Infill	Cor	nsolidation (	Code Or	der No.				
1,920										



#### FLAMING SNAIL FED COM

Secs 28 & 33, 25S-27E & Sec 4, 26S-27E WOLFCAMP 701H-710H; 801H-806H

1920 Acres in Spacing Unit SECTION 28-25S-27E TRACT 1 USA NMNM-92167 560 Acres TRACT 2 SECTION 320 Acres 33-25S-27E TRACT 3 USA NMNM-112270 400 Acres SECTION TRACT 4 TRACT 5 4-26S-27E USA USA NMNM-112271 NMNM-113399 320 Acres 320 Acres

	Recapitulation						
Tract Number	Number of Acres Committed	Percent of Interest in Communitized Area					
1	560	0.291666667					
2	320	0.166666667					
3	400	0.208333333					
4	320	0.166666667					
5	320	0.166666667					
TOTAL 1920		100.0000000%					

COG Operating LLC Case No. 23303 Exhibit A-3

		1/1010		 	
1/	พท	KING	INIIER	11/A/K	

OXY Y-1 COMPANY

CHEVRON U.S.A. INC

### ORRI OWNERS

OXY Y-1 COMPANY

BUFFALO RIVER MINERALS, LLC

NESTEGG ENERGY CORPORATION

	TRACT 1	TRACT 2	TRACT 3	TRACT 4	TRACT 5
	NMNM-92167	FEE LEASE	NMNM-112270	NMNM-112271	NMNM-113399
LEASEHOLD INTERESTS BY TRACT WOLFCAMP	W2, NE, N2SE 28-25S- 27E 560 AC	S2SE 28-25S-27E & N2NE, SWNE, SENW, E2SW 33-25S-27E	W2W2, NENW, SE, SENE 33-25S-27E 400 AC	NW, SE 4-26S-27E 320 AC	NE, SW 4-26S-27E 320 AC
	300 AC	320 AC	400 AC		
COG OPERATING LLC	0.76000000	0.95000000	0.71500000	0.67925000	0.87083337
CONCHO OIL & GAS LLC	0.04000000	0.05000000	0.02500000	0.03575000	0.04583334
VERITAS PERMIAN RESOURCES III LLC	0.00000000	0.00000000	0.26000000	0.26000000	0.00000000
OXY Y-1 COMPANY	0.20000000	0.00000000	0.00000000	0.00000000	0.02083330
CHEVRON U.S.A. INC	0.00000000	0.00000000	0.00000000	0.02500000	0.06250000
TOTALS	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000

UNIT WORKING INTEREST OWNERS WOLFCAMP TOTAL UNIT - 1920 AC	WORKING INTEREST
COG OPERATING LLC	0.7873055608
CONCHO OIL & GAS LLC	0.0388055558
VERITAS PERMIAN RESOURCES III LLC	0.0975000000
OXY Y-1 COMPANY	0.0618055500
CHEVRON U.S.A. INC	0.0145833333
TOTAL	1.0000000000

PARTIES TO POOL	TYPE OF INTEREST
OXY Y-1 COMPANY	WORKING INTEREST, ORRI
CHEVRON U.S.A. INC	WORKING INTEREST
BUFFALO RIVER MINERALS, LLC	ORRI
NESTEGG ENERGY CORPORATION	ORRI



New Mexico Oil Conservation Division 1220 South St. Francis Street Santa Fe, New Mexico 87505

Re: New Mexico Oil Conservation Division Case Nos. 23303, 23304 COG Operating LLC's Flaming Snail Wells

To whom it may concern:

Veritas Permian Resources III LLC ("Veritas") is the second largest working interest owner in COG Operating, LLC's ("COG") Flaming Snail units that are the subject of Case Nos. 23303 and 23304. Veritas owns 187 acres within the Flaming Snail units, amounting to a 9.73958% working interest, and has already executed a Joint Operating Agreement with COG.

Veritas owns approximately 12,000 gross acres in Eddy and Lea Counties. In the last 4 years, Veritas and its predecessor have participated in, as a working interest owner, the drilling of over 200 horizontal wells in Eddy and Lea Counties, with a variety of different operators. This includes 11 horizontal wells with COG acting as operator. Based on Veritas' experience, we ask that you grant COG the right to drill its Flaming Snail wells as proposed. COG's proposal will best develop the acreage for the benefit of the interest owners and the state.

Thank you for your consideration of our request.

VERITAS PERMIAN RESOURCES III, LLC

Mark Schumacher

President & COO

COG Operating LLC Case No. 23303 Exhibit A-4

5 Greenway Plaza, Suite 110, Houston, Texas 77046-0521 P.O. Box 4294, Houston, Texas 77210-4294



March 30, 2023

New Mexico Oil Conservation Division 1220 South St. Francis Street Santa Fe, New Mexico 87505

RE: New Mexico Oil Conservation Division Case Nos. 23303, 23304 COG Operating LLC's Flaming Snail Wells

To whom it may concern:

OXY Y-1 Company ("OXY") is the third largest working interest owner in COG Operating, LLC's ("COG") Flaming Snail units that are the subject of Case Nos. 23303 and 23304. OXY has participated in numerous wells in Eddy and Lea Counties, including horizontal wells, with COG acting as operator. Based on Oxy's experience in the Delaware Basin, we ask that you grant COG the right to drill its Flaming Snail wells, as proposed. COG's proposal will best develop the acreage for the benefit of the interest owners.

Thank you for your consideration of our request.

OXY Y-1 Company

Name: James Laning

Title: Attorney-in-Fact



Shelley C. Klingler
Staff Land Negotiator
600 W. Illinois Ave
Midland, TX 79701
O: 432-688-9027
F: 432-221-0470
Shelley.c.klingler@conocophillips.com

October 25, 2022

Via CMRRR No. 9489 0090 0027 6245 2756 81

OXY Y-1 Company
5 Greenway Plaza, Suite 110

Houston, TX 77046

Attn: Land Department

Re: Flaming Snail Fed Com Unit

All of Sections 28 & 33, T25S-R27E and All of Section 4, T26S-27E Eddy County, New Mexico

Dear Sir or Madam:

COG Operating LLC ("COG"), as Operator, hereby proposes the drilling of the following horizontal wells with productive laterals located in All of Sections 28 and 33, T25S-R27E, and All of Section 4, T26S-R27E, Eddy County, New Mexico (collectively, the "Operation"). The surface pad locations will be located in Units A and C of Section 28, T25S-R27E (subject to change).

#### **BONE SPRING**

- Flaming Snail Fed Com 501H, to be drilled to a depth sufficient to test the Second Bone Spring Interval of the Bone Spring Formation at an approximate total vertical depth of 7,580'. The surface location for this well is proposed at a legal location in Unit A of Section 28, T25S-R27E, and a bottom hole location at a legal location in Unit P of Section 4, T26S-R27E. The dedicated horizontal spacing unit will be All of Sections 28 and 33, T25S-R27E, and All of Section 4, T26S-R27E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$14,964,000.00, as shown on the attached Authority for Expenditure ("AFE").
- Flaming Snail Fed Com 502H, to be drilled to a depth sufficient to test the Second Bone Spring Interval of the Bone Spring Formation at an approximate total vertical depth of 7,556'. The surface location for this well is proposed at a legal location in Unit A of Section 28, T25S-R27E, and a bottom hole location at a legal location in Unit O of Section 4, T26S-R27E. The dedicated horizontal spacing unit will be All of Sections 28 and 33, T25S-R27E, and All of Section 4, T26S-R27E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$14,964,000.00, as shown on the attached AFE.
- Flaming Snail Fed Com 503H, to be drilled to a depth sufficient to test the Second Bone Spring Interval of the Bone Spring Formation at an approximate total vertical depth of 7,553'. The surface location for this well is proposed at a legal location in Unit C of Section 28, T25S-R27E, and a bottom hole location at a legal location in Unit N of Section 4, T26S-R27E. The dedicated horizontal spacing unit will be All of Sections 28 and 33, T25S-R27E, and All of Section 4, T26S-R27E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$14,964,000.00, as shown on the attached AFE.

COG Operating LLC Case No. 23303 Exhibit A-5 October 25, 2022 – Page 2 Flaming Snail Fed Com Unit well proposals

- Flaming Snail Fed Com 504H, to be drilled to a depth sufficient to test the Second Bone Spring Interval of the Bone Spring Formation at an approximate total vertical depth of 7,527'. The surface location for this well is proposed at a legal location in Unit C of Section 28, T25S-R27E, and a bottom hole location at a legal location in Unit M of Section 4, T26S-R27E. The dedicated horizontal spacing unit will be All of Sections 28 and 33, T25S-R27E, and All of Section 4, T26S-R27E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$14,964,000.00, as shown on the attached AFE.
- Flaming Snail Fed Com 520H, to be drilled to a depth sufficient to test the Charkey Interval of
  the Bone Spring Formation at an approximate total vertical depth of 7,959'. The surface
  location for this well is proposed at a legal location in Unit A of Section 28, T25S-R27E, and a
  bottom hole location at a legal location in Unit P of Section 4, T26S-R27E. The dedicated
  horizontal spacing unit will be All of Sections 28 and 33, T25S-R27E, and All of Section 4, T26SR27E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is
  \$14,964,000.00, as shown on the attached AFE.
- Flaming Snail Fed Com 521H, to be drilled to a depth sufficient to test the Charkey Interval of the Bone Spring Formation at an approximate total vertical depth of 7,939'. The surface location for this well is proposed at a legal location in Unit C of Section 28, T25S-R27E, and a bottom hole location at a legal location in Unit N of Section 4, T26S-R27E. The dedicated horizontal spacing unit will be All of Sections 28 and 33, T25S-R27E, and All of Section 4, T26S-R27E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$14,964,000.00, as shown on the attached AFE.

#### WOLFCAMP

- Flaming Snail Fed Com 701H, to be drilled to a depth sufficient to test the Wolfcamp A Interval of the Wolfcamp Formation at an approximate total vertical depth of 8,925'. The surface location for this well is proposed at a legal location in Unit A of Section 28, T25S-R27E, and a bottom hole location at a legal location in Unit P of Section 4, T26S-R27E. The dedicated horizontal spacing unit will be All of Sections 28 and 33, T25S-R27E, and All of Section 4, T26S-R27E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$14,182,000.00, as shown on the attached AFE.
- Flaming Snail Fed Com 702H, to be drilled to a depth sufficient to test the Wolfcamp A Interval of the Wolfcamp Formation at an approximate total vertical depth of 8,925'. The surface location for this well is proposed at a legal location in Unit A of Section 28, T25S-R27E, and a bottom hole location at a legal location in Unit P of Section 4, T26S-R27E. The dedicated horizontal spacing unit will be All of Sections 28 and 33, T25S-R27E, and All of Section 4, T26S-R27E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$14,182,000.00, as shown on the attached AFE.
- Flaming Snail Fed Com 703H, to be drilled to a depth sufficient to test the Wolfcamp A Interval of the Wolfcamp Formation at an approximate total vertical depth of 8,925'. The surface location for this well is proposed at a legal location in Unit A of Section 28, T25S-R27E, and a bottom hole location at a legal location in Unit P of Section 4, T26S-R27E. The dedicated horizontal spacing unit will be All of Sections 28 and 33, T25S-R27E, and All of Section 4, T26S-R27E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$14,182,000.00, as shown on the attached AFE.

October 25, 2022 – Page 3 Flaming Snail Fed Com Unit well proposals

- Flaming Snail Fed Com 704H, to be drilled to a depth sufficient to test the Wolfcamp A Interval of the Wolfcamp Formation at an approximate total vertical depth of 8,925'. The surface location for this well is proposed at a legal location in Unit A of Section 28, T25S-R27E, and a bottom hole location at a legal location in Unit O of Section 4, T26S-R27E. The dedicated horizontal spacing unit will be All of Sections 28 and 33, T25S-R27E, and All of Section 4, T26S-R27E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$14,182,000.00, as shown on the attached AFE.
- Flaming Snail Fed Com 705H, to be drilled to a depth sufficient to test the Wolfcamp A Interval of the Wolfcamp Formation at an approximate total vertical depth of 8,925'. The surface location for this well is proposed at a legal location in Unit A of Section 28, T25S-R27E, and a bottom hole location at a legal location in Unit O of Section 4, T26S-R27E. The dedicated horizontal spacing unit will be All of Sections 28 and 33, T25S-R27E, and All of Section 4, T26S-R27E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$14,182,000.00, as shown on the attached AFE.
- Flaming Snail Fed Com 706H, to be drilled to a depth sufficient to test the Wolfcamp A Interval of the Wolfcamp Formation at an approximate total vertical depth of 8,925'. The surface location for this well is proposed at a legal location in Unit C of Section 28, T25S-R27E, and a bottom hole location at a legal location in Unit N of Section 4, T26S-R27E. The dedicated horizontal spacing unit will be All of Sections 28 and 33, T25S-R27E, and All of Section 4, T26S-R27E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$14,182,000.00, as shown on the attached AFE.
- Flaming Snail Fed Com 707H, to be drilled to a depth sufficient to test the Wolfcamp A Interval of the Wolfcamp Formation at an approximate total vertical depth of 8,925'. The surface location for this well is proposed at a legal location in Unit C of Section 28, T25S-R27E, and a bottom hole location at a legal location in Unit N of Section 4, T26S-R27E. The dedicated horizontal spacing unit will be All of Sections 28 and 33, T25S-R27E, and All of Section 4, T26S-R27E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$14,182,000.00, as shown on the attached AFE.
- Flaming Snail Fed Com 708H, to be drilled to a depth sufficient to test the Wolfcamp A Interval of the Wolfcamp Formation at an approximate total vertical depth of 8,925'. The surface location for this well is proposed at a legal location in Unit C of Section 28, T25S-R27E, and a bottom hole location at a legal location in Unit N of Section 4, T26S-R27E. The dedicated horizontal spacing unit will be All of Sections 28 and 33, T25S-R27E, and All of Section 4, T26S-R27E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$14,182,000.00, as shown on the attached AFE.
- Flaming Snail Fed Com 709H, to be drilled to a depth sufficient to test the Wolfcamp A Interval of the Wolfcamp Formation at an approximate total vertical depth of 8,925'. The surface location for this well is proposed at a legal location in Unit C of Section 28, T25S-R27E, and a bottom hole location at a legal location in Unit M of Section 4, T26S-R27E. The dedicated horizontal spacing unit will be All of Sections 28 and 33, T25S-R27E, and All of Section 4, T26S-R27E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$14,182,000.00, as shown on the attached AFE.

October 25, 2022 – Page 4 Flaming Snail Fed Com Unit well proposals

- Flaming Snail Fed Com 710H, to be drilled to a depth sufficient to test the Wolfcamp A Interval of the Wolfcamp Formation at an approximate total vertical depth of 8,925'. The surface location for this well is proposed at a legal location in Unit C of Section 28, T25S-R27E, and a bottom hole location at a legal location in Unit M of Section 4, T26S-R27E. The dedicated horizontal spacing unit will be All of Sections 28 and 33, T25S-R27E, and All of Section 4, T26S-R27E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$14,182,000.00, as shown on the attached AFE.
- Flaming Snail Fed Com 801H, to be drilled to a depth sufficient to test the Wolfcamp C Interval of the Wolfcamp Formation at an approximate total vertical depth of 9,775'. The surface location for this well is proposed at a legal location in Unit A of Section 28, T25S-R27E, and a bottom hole location at a legal location in Unit P of Section 4, T26S-R27E. The dedicated horizontal spacing unit will be All of Sections 28 and 33, T25S-R27E, and All of Section 4, T26S-R27E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$14,182,000.00, as shown on the attached AFE.
- Flaming Snail Fed Com 802H, to be drilled to a depth sufficient to test the Wolfcamp C Interval of the Wolfcamp Formation at an approximate total vertical depth of 9,775'. The surface location for this well is proposed at a legal location in Unit A of Section 28, T25S-R27E, and a bottom hole location at a legal location in Unit P of Section 4, T26S-R27E. The dedicated horizontal spacing unit will be All of Sections 28 and 33, T25S-R27E, and All of Section 4, T26S-R27E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$14,182,000.00, as shown on the attached AFE.
- Flaming Snail Fed Com 803H, to be drilled to a depth sufficient to test the Wolfcamp C Interval of the Wolfcamp Formation at an approximate total vertical depth of 9,775'. The surface location for this well is proposed at a legal location in Unit A of Section 28, T25S-R27E, and a bottom hole location at a legal location in Unit O of Section 4, T26S-R27E. The dedicated horizontal spacing unit will be All of Sections 28 and 33, T25S-R27E, and All of Section 4, T26S-R27E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$14,182,000.00, as shown on the attached AFE.
- Flaming Snail Fed Com 804H, to be drilled to a depth sufficient to test the Wolfcamp C Interval of the Wolfcamp Formation at an approximate total vertical depth of 9,775'. The surface location for this well is proposed at a legal location in Unit C of Section 28, T25S-R27E, and a bottom hole location at a legal location in Unit N of Section 4, T26S-R27E. The dedicated horizontal spacing unit will be All of Sections 28 and 33, T25S-R27E, and All of Section 4, T26S-R27E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$14,182,000.00, as shown on the attached AFE.
- Flaming Snail Fed Com 805H, to be drilled to a depth sufficient to test the Wolfcamp C Interval of the Wolfcamp Formation at an approximate total vertical depth of 9,775'. The surface location for this well is proposed at a legal location in Unit C of Section 28, T25S-R27E, and a bottom hole location at a legal location in Unit N of Section 4, T26S-R27E. The dedicated horizontal spacing unit will be All of Sections 28 and 33, T25S-R27E, and All of Section 4, T26S-R27E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$14,182,000.00, as shown on the attached AFE.

October 25, 2022 – Page 5 Flaming Snail Fed Com Unit well proposals

• Flaming Snail Fed Com 806H, to be drilled to a depth sufficient to test the Wolfcamp C Interval of the Wolfcamp Formation at an approximate total vertical depth of 9,775'. The surface location for this well is proposed at a legal location in Unit C of Section 28, T25S-R27E, and a bottom hole location at a legal location in Unit M of Section 4, T26S-R27E. The dedicated horizontal spacing unit will be All of Sections 28 and 33, T25S-R27E, and All of Section 4, T26S-R27E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$14,182,000.00, as shown on the attached AFE.

COG is proposing to drill these wells under the terms of a new Operating Agreement which is included herewith for your review and execution.

In the interest of time, if we are unable to reach an agreement on these wells within 30 days of the date of this letter, COG will apply to the NMOCD for compulsory pooling of your interest into a horizontal spacing unit for the proposed wells.

Please indicate your participation elections in the space provided below, sign and return this letter, along with a signed copy of the enclosed AFEs and a copy of your geologic requirements, to my attention at the letterhead address or by email to shelley.c.klingler@conocophillips.com. Should you have any questions, please do not hesitate to contact me.

Sincerely,

**COG Operating LLC** 

Shelley C. Klingler Staff Land Negotiator

Please Indicate your election below:

PARTICIPATE Elect to participate in drilling & completion of well	DO NOT PARTICIPATE Elect NOT to participate in drilling & completion of well	WELL NAME
		FLAMING SNAIL FED COM 701H (WC A)
		FLAMING SNAIL FED COM 702H (WC A)
		FLAMING SNAIL FED COM 703H (WC A)
		FLAMING SNAIL FED COM 704H (WC A)
		FLAMING SNAIL FED COM 705H (WC A)
		FLAMING SNAIL FED COM 706H (WC A)
		FLAMING SNAIL FED COM 707H (WC A)
		FLAMING SNAIL FED COM 708H (WC A)
		FLAMING SNAIL FED COM 709H (WC A)
		FLAMING SNAIL FED COM 710H (WC A)
		FLAMING SNAIL FED COM 801H (WC C)
		FLAMING SNAIL FED COM 802H (WC C)

October 25, 2022 – Page 6 Flaming Snail Fed Com Unit well proposals

PARTICIPATE Elect to participate in drilling & completion of well	DO NOT PARTICIPATE Elect NOT to participate in drilling & completion of well	WELL NAME
		FLAMING SNAIL FED COM 803H (WC C)
		FLAMING SNAIL FED COM 804H (WC C)
		FLAMING SNAIL FED COM 805H (WC C)
		FLAMING SNAIL FED COM 806H (WC C)
		FLAMING SNAIL FED COM 501H (BS)
		FLAMING SNAIL FED COM 502H (BS)
		FLAMING SNAIL FED COM 503H (BS)
		FLAMING SNAIL FED COM 504H (BS)
		FLAMING SNAIL FED COM 520H (Charkey)
		FLAMING SNAIL FED COM 521H (Charkey)

### **OXY Y-1 COMPANY**

Ву:	
Name:	
Title:	
Date:	

| Well Name | FLAMING SNAIL FED COM 701H | SHL | 655 FNL, 915 FEL | OR | BHL | 200 FSL, 330 FEL | OR | Formation | WOLFCAMP | Legal | ALL SECS 28 & 33, 255-27E & ALL SEC 4, 265-27E | OR UNIT A OR UNIT P T25S-R27E T26S-R27E

Cost Description	Code	PreSpud (PS)	Pre-Set Casing(PC)	Drilling (DR)	Completions (C)	Tank Btty Constrctn(TB)	Pmpq Equip (PEQ)	Revision	T
ntangible Costs	205		1					•	
D-Lctn/Pits/Roads D-Drilling Overhead	205 206			\$ 145,000.00 \$ 11,000.00				\$ -	\$ 145,000 \$ 11,000
	206							\$ -	
D-Daywork Contract	210			\$ 789,000.00				\$ - \$ -	\$ 789,000 \$ 421,000
D-Directional Drlg Services				\$ 421,000.00					
D-Fuel & Power	211			\$ 136,000.00					\$ 136,000
D-Water D-Bits	212 213			\$ 115,000.00					\$ 115,000
				\$ 145,000.00					\$ 145,000
D-Mud & Chemicals	214			\$ 297,000.00				*	\$ 297,000
O-Cement Surface	217			\$ 29,000.00				\$ -	\$ 29,000
D-Cement Intermed	218			\$ 114,000.00				\$ -	\$ 114,000
D-Prod-2nd Int Cmt	219			\$ 168,000.00				\$ -	\$ 168,000
D-Float Equipment & Centralizers	221			\$ 92,000.00				\$ -	\$ 92,000
D-Csg Crews & Equip	222			\$ 99,000.00				\$ -	\$ 99,000
D-Contract Labor	225			\$ 10,000.00				\$ -	\$ 10,000
D-Company Sprvsn	226			\$ 66,000.00				\$ -	\$ 66,000
D-Contract Sprvsn	227			\$ 165,000.00				\$ -	\$ 165,000
D-Tstg Csg/Tbg	228			\$ 61,000.00				\$ -	\$ 61,000
D-Mud Logging Unit	229			\$ 61,000.00				\$	\$ 61,000
D-Rentals-Surface	235			\$ 256,000.00				\$ -	\$ 256,000
D-Rentals-Subsrfc	236			\$ 119,000.00				\$ -	\$ 119,000
D-Trucking/Forklift/Rig Mob	237			\$ 244,000.00				\$ -	\$ 244,000
D-Welding Services	238			\$ 5,000.00				\$ -	\$ 5,000
D-Contingency	243			\$ 92,000.00				\$ -	\$ 92,000
D-Envrnmtl/Clsd Loop	244			\$ 403,000.00				\$ -	\$ 403,000
C-Wellbore Frac Prep	304			-	\$ 209,000.00			\$ -	\$ 209,000
C-Lctn/Pits/Roads	305				\$ 22,000.00			\$ -	\$ 22,000
C-Completion OH	306				\$ 33,000.00			\$ -	\$ 33,00
C-Frac Equipment	307				\$ 1,430,000.00			\$ -	\$ 1,430,000
C-Frac Chemicals	308				\$ 906,000.00			\$ -	\$ 906,00
C-Frac Proppant	309				\$ 411,000.00			\$ -	\$ 411,000
C-Frac Proppant Transportation	310				\$ 639,000.00			\$ -	\$ 639,000
C-Fuel Delivery & Services	311				\$ 92,000.00			\$ .	\$ 92,000
C-Water	312				\$ 604.000.00			\$ -	\$ 604,000
C-Frac Surface Rentals	315				\$ 570,000.00			\$ -	\$ 570,000
C-Contract Labor	325				\$ 22,000.00			\$ -	\$ 22,000
C-Company Sprvsn	326		i i		\$ 22,000.00			\$ -	\$ 22,000
C-Contract Sprvsn	327		i i		\$ 305,000.00			\$ -	\$ 305,000
	329								
C-Artificial Lift Install C-Perf/Wireline Svc	331								\$ 98,000 \$ 702,000
	337				\$ 702,000.00				
C-Trucking/Forklift/Rig Mob					\$ 22,000.00			\$ -	
C-Water Disposal	339				\$ 87,000.00			\$ -	\$ 87,000
C-Contingency	343				\$ 163,000.00			\$	\$ 163,000
C-Dyed Diesel	345				\$ 342,000.00			\$ -	\$ 342,000
C-Drillout	346				\$ 652,000.00			\$ -	\$ 652,000
TB-Damages/Right of Way	351					\$ 2,000.00		\$ -	\$ 2,000
TB-Location/Pits/Roads	353					\$ 45,000.00		\$ -	\$ 45,000
TB-Contract Labor	356					\$ 244,000.00		\$ -	\$ 244,000
PEQ-Contract Labor	374						\$ 18,000.00	\$	\$ 18,000
PEQ-Water Disposal	387						\$ 81,000.00	\$ -	\$ 81,000
PEQ-HRZ Well Offset Frac	391						\$ 9,000.00	\$	\$ 9,000
Total Intangible Costs		\$ -	\$ -	\$ 4,043,000.00	\$ 7,331,000.00	\$ 291,000.00	\$ 108,000.00	\$	\$ 11,773,000
Tangible Costs					·	·			
PEQ-Flowback Crews & Equip	392	.							
D-Surface Casing							\$ 49,000.00	\$ -	\$ 49,000
D-Intermed Csg	401			\$ 32,000.00			\$ 49,000.00	•	
D-Production Casing/Liner	401			\$ 32,000.00 \$ 253,000.00			\$ 49,000.00		\$ 32,000
				\$ 253,000.00			\$ 49,000.00	\$	\$ 32,000 \$ 253,000
	402			\$ 253,000.00			\$ 49,000.00	\$ - \$ -	\$ 32,000 \$ 253,000
	402 403			\$ 253,000.00 \$ 628,000.00	\$ 113,000.00		\$ 49,000.00	\$ - \$ - \$	\$ 32,000 \$ 253,000 \$ 628,000
D-Wellhead Equip C-Tubing	402 403 405 504			\$ 253,000.00 \$ 628,000.00			\$ 49,000.00	\$ - \$ - \$ - \$ -	\$ 32,000 \$ 253,000 \$ 628,000 \$ 115,000 \$ 113,000
D-Wellhead Equip C-Tubing C-Wellhead Equip	402 403 405 504 505			\$ 253,000.00 \$ 628,000.00	\$ 113,000.00 \$ 61,000.00	\$ 78,000,00	\$ 49,000.00	\$ - \$ - \$ - \$ - \$ -	\$ 32,000 \$ 253,000 \$ 628,000 \$ 115,000 \$ 113,000 \$ 61,000
D-Wellhead Equip C-Tubing C-Wellhead Equip TB-Tanks	402 403 405 504 505 510			\$ 253,000.00 \$ 628,000.00		\$ 78,000.00 \$ 35,000.00	\$ 49,000.00	\$ - \$ - \$ - \$ - \$ -	\$ 32,000 \$ 253,000 \$ 628,000 \$ 115,000 \$ 113,000 \$ 61,000 \$ 78,000
D-Wellhead Equip C-Tubing C-Wellhead Equip TB-Tanks TB-Flowlines/Pipelines	402 403 405 504 505 510 511			\$ 253,000.00 \$ 628,000.00		\$ 35,000.00	\$ 49,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 32,00 \$ 253,00 \$ 628,00 \$ 115,00 \$ 113,00 \$ 61,00 \$ 78,00 \$ 35,00
D-Wellhead Equip C-Tubing C-Wellhead Equip TB-Tanks TB-Flowlines/Pipelines TB-Htr Trtr/Seprtr	402 403 405 504 505 510 511			\$ 253,000.00 \$ 628,000.00		\$ 35,000.00 \$ 251,000.00	\$ 49,000.00	\$	\$ 32,00 \$ 253,00 \$ 628,00 \$ 115,00 \$ 61,00 \$ 61,00 \$ 78,00 \$ 35,00 \$ 251,00
D-Wellhead Equip C-Tubing C-Wellhead Equip IB-Tanks IB-Flowlines/Pipelines IB-Htr Trtr/Seprtr IB-Electrical System/Equipment	402 403 405 504 505 510 511 512 513			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00	\$ 49,000.00	\$ - \$ 5 - \$	\$ 32,00 \$ 253,00 \$ 628,00 \$ 115,00 \$ 113,00 \$ 61,00 \$ 78,00 \$ 35,00 \$ 251,00 \$ 154,00
D-Wellhead Equip C-Tubing C-Wellhead Equip TB-Tanks TB-Flowlines/Pipelines TB-Htr Trtr/Seprtr TB-Electrical System/Equipment C-Pckrs/Anchors/Hgrs	402 403 405 504 505 510 511 511 512 513			\$ 253,000.00 \$ 628,000.00		\$ 35,000.00 \$ 251,000.00 \$ 154,000.00	\$ 49,000.00	\$	\$ 32,000 \$ 253,000 \$ 628,000 \$ 115,000 \$ 113,000 \$ 61,000 \$ 78,000 \$ 35,000 \$ 251,000 \$ 154,000 \$ 142,000
D-Wellhead Equip C-Tubing C-Wellhead Equip IB-Tanks IB-Tanks IB-Harks IB-Hurrity/Septr IB-Hur Trtr/Septr IB-Electrical System/Equipment C-Pekrs/Anchors/Hgrs IB-Couplings/Fittings/Valves	402 403 405 504 505 510 511 512 513 514 515			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00	\$ 49,000.00	\$	\$ 32,000 \$ 253,000 \$ 628,000 \$ 115,000 \$ 61,000 \$ 78,000 \$ 251,000 \$ 154,000 \$ 142,000 \$ 261,000
D-Wellhead Equip C-Wellhead Equip B-Tanks B-Tanks B-Flowlines/Pipelines B-Htr Trt/Seprt B-Electrical System/Equipment C-Pckrs/Anchors/Hgrs B-Couplings/Fittings/Valves B-Couplings/Fittings/Valves	402 403 405 504 505 510 511 512 513 514 515 515			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00	\$ 49,000.00	\$	\$ 32,000 \$ 253,000 \$ 115,000 \$ 113,000 \$ 61,000 \$ 78,000 \$ 35,000 \$ 154,000 \$ 142,000 \$ 261,000 \$ 35,000
D-Wellhead Equip C-Tubing C-Wellhead Equip TB-Tanks TB-Tanks TB-Howlines/Pipelines TB-Htt Trtr/Seprtr TB-Electrical System/Equipment C-Pckrs/Anchors/Hgrs TB-Couplings/Fittings/Valves TB-Outputs-Surface TB-Instrumentation/SCADA/POC	402 403 405 504 505 510 511 512 513 514 515 521			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00	\$ 49,000.00	\$	\$ 32,000 \$ 253,000 \$ 115,000 \$ 113,000 \$ 78,000 \$ 35,000 \$ 251,000 \$ 154,000 \$ 142,000 \$ 261,000 \$ 261,000 \$ 260,000 \$ 260,000
D-Wellhead Equip C-Wellhead Equip B-Tanks IB-Tanks IB-Flowlines/Pipelines IB-Howlines/Pipelines IB-Howlines/Pipelines IB-Howlines/Pipelines IB-Howlines/Pipelines IB-Hetrical System/Equipment C-Pekrs/Anchors/Hgrs IB-Pumps-Surface IB-Pumps-Surface IB-Instrumentation/SCADA/POC IB-Instrumentation/SCADA/POC IB-Miscellaneous	402 403 405 504 505 510 511 512 512 513 514 515 522 523			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00 \$ 26,000.00	\$ 49,000.00	\$	\$ 32,000 \$ 253,000 \$ 115,000 \$ 113,000 \$ 78,000 \$ 78,000 \$ 251,000 \$ 154,000 \$ 142,000 \$ 261,000 \$ 261,000 \$ 261,000 \$ 263,000 \$ 260,000 \$ 260,000
D-Wellhead Equip C-Tubing C-Wellhead Equip TB-Tanks TB-Tanks TB-Flowlines/Pipelines TB-Her Trit/Seprtr TB-Electrical System/Equipment C-Pckrs/Anchors/Hgrs TB-Couplings/Fittings/Valves TB-Unps-Surface TB-Instrumentation/SCADA/POC TB-Misceellaneous	402 403 405 504 505 510 511 512 513 514 515 522 522 523			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00 \$ 35,000.00 \$ 35,000.00	\$ 49,000.00	\$	\$ 32,00 \$ 253,00 \$ 628,00 \$ 115,00 \$ 115,00 \$ 61,00 \$ 78,00 \$ 251,00 \$ 154,00 \$ 142,00 \$ 261,00 \$ 35,00 \$ 35,0
D-Wellhead Equip C-Tubing C-Wellhead Equip IB-Tanks IB-Flowlines/Pipelines IB-Hir YIT/Septr IB-Hetrical System/Equipment C-Pckrs/Anchors/Hgrs IB-Pumps-Surface IB-Pumps-Surface IB-Pumps-Surface IB-Hirstrumentation/SCADA/POC IB-Miscellaneous IB-Meters/Lacts IB-Meters/Lacts	402 403 405 504 505 510 511 512 513 514 515 521 522 523 523 526 526			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00 \$ 26,000.00	\$ 49,000.00	\$	\$ 32,00 \$ 253,00 \$ 115,00 \$ 1115,00 \$ 115,00 \$ 61,00 \$ 78,00 \$ 35,00 \$ 251,00 \$ 154,00 \$ 164,00 \$ 35,00 \$ 260,00 \$ 35,00 \$ 35,00 \$ 142,00
D-Wellhead Equip C-Wellhead Equip B-Tanks TB-Tanks TB-Flowlines/Pipelines TB-Hrtr/Seprt TB-Heurint/Seprt TB-Electrical System/Equipment C-Pckrs/Anchors/Hgrs TB-Couplings/Fittings/Valves TB-Couplings/Fittings/Valves TB-Instrumentation/ScADA/POC TB-Instrumentation/ScADA/POC TB-Instrumentation/ScADA/POC TB-Histellaneous TB-Meters/Lacts TB-Hares/Combusters/Emission C-Gas Lift/Compression	402 403 405 504 505 510 511 512 513 514 515 522 522 523 525 526 527			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00 \$ 35,000.00 \$ 35,000.00		\$	\$ 32,00 \$ 253,00 \$ 628,00 \$ 115,00 \$ 115,00 \$ 61,00 \$ 78,00 \$ 35,00 \$ 1251,00 \$ 142,00 \$ 35,00 \$ 36,00 \$ 36,00 \$ 36,00 \$ 261,00 \$ 35,00 \$ 260,00 \$
D-Wellhead Equip C-Tubing C-Wellhead Equip B-Tanks B-Flowlines/Pipelines B-HT TIT/Septrt B-Electrical System/Equipment C-Pckrs/Anchors/Hgrs B-Pumps-Surface B-Pumps-Surface B-Pumps-Surface B-Instrumentation/SCADA/POC B-Miscelaneous B-Hestrich States B-Flares/Combusters/Emission C-Gas Lift/Compression	402 403 405 504 505 510 511 512 513 514 515 521 522 523 523 526 526			\$ 253,000,00 \$ 628,000,00 \$ 115,000,00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00 \$ 28,000.00 \$ 35,000.00 \$ 42,000.00	\$ 18,000.00	\$	\$ 32,00 \$ 253,00 \$ 628,00 \$ 115,00 \$ 61,00 \$ 78,00 \$ 251,00 \$ 251,00 \$ 261,00 \$ 261,00 \$ 260,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 35,0
D-Wellhead Equip C-Tubing C-Wellhead Equip B-Tanks B-Flowlines/Pipelines B-HT TIT/Septrt B-Electrical System/Equipment C-Pckrs/Anchors/Hgrs B-Pumps-Surface B-Pumps-Surface B-Pumps-Surface B-Instrumentation/SCADA/POC B-Miscelaneous B-Hestrich States B-Flares/Combusters/Emission C-Gas Lift/Compression	402 403 405 504 505 510 511 512 513 514 515 522 522 523 525 526 527			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00 \$ 26,000.00 \$ 35,000.00 \$ 42,000.00		\$	\$ 32,00 \$ 253,00 \$ 628,00 \$ 115,00 \$ 61,00 \$ 78,00 \$ 251,00 \$ 251,00 \$ 261,00 \$ 261,00 \$ 260,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 35,0
D-Wellhead Equip  -Tubing  -Wellhead Equip  B-Tankis  B-Howlines/Pipelines  B-Howlines/Pipelines  B-Howlines/Pipelines  B-Howlines/Pipelines  B-Heltertrical System/Equipment  -Pekers/Anchors/Hgrs  B-Pumps-Surface  B-Pumps-Surface  B-B-Instrumentation/ScADA/POC  B-Miscellaneous  B-Helters/Lacts  B-Hares/Combusters/Emission  -Gas Lift/Compression  -Gas Lift/Compression  EQ-Wellhead Equipment  Total Tangible Costs	402 403 405 504 505 510 511 512 513 514 515 522 522 523 525 526 527		s ·	\$ 253,000,00 \$ 628,000,00 \$ 115,000,00 \$ 1,028,000,00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 35,000,00 \$ 251,000,00 \$ 154,000,00 \$ 261,000,00 \$ 35,000,00 \$ 26,000,00 \$ 26,000,00 \$ 35,000,00 \$ 42,000,00 \$ 9 3,000,00	\$ 18,000.00 \$ 67,000.00	\$	\$ 32.00 \$ 263.00 \$ 628.00 \$ 113.00 \$ 113.00 \$ 61.00 \$ 78.00 \$ 35.00 \$ 35.00 \$ 142.00 \$ 261.00 \$
D-Wellhead Equip C-Tubing C-Wellhead Equip TB-Tanks TB-Flowlines/Pipelines TB-Htr Trtr/Seprtr TB-Electrical System/Equipment	402 403 405 504 505 510 511 512 513 514 515 522 522 523 525 526 527		\$ .	\$ 253,000,00 \$ 628,000,00 \$ 115,000,00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 35,000,00 \$ 251,000,00 \$ 154,000,00 \$ 261,000,00 \$ 35,000,00 \$ 26,000,00 \$ 26,000,00 \$ 35,000,00 \$ 42,000,00 \$ 9 3,000,00	\$ 18,000.00 \$ 67,000.00	\$	\$ 32,0 \$ 253,0 \$ \$ 28,0 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Wellhead Equip Tubing Wellhead Equip B-Tanks B-Tanks B-Telwilnes/Pipelines B-Hru Trtr/Septrt B-Electrical System/Equipment Pekers/Anchors/Hgrs B-Ecupring/Fittings/Valves B-Pumps-Surface B-Instrumentation/SCADA/POC B-Histrumentation/SCADA/POC B-Miscellaneous B-Miscellaneous B-Miscellaneous B-Miscellaneous B-Miscellaneous Gas Lift/Compression Gas Lift/Co	402 403 405 504 505 510 511 512 513 514 515 522 522 523 525 526 527 531	S -	s ·	\$ 253,000,00 \$ 628,000,00 \$ 115,000,00 \$ 1,028,000,00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 35,000,00 \$ 251,000,00 \$ 154,000,00 \$ 261,000,00 \$ 35,000,00 \$ 26,000,00 \$ 26,000,00 \$ 35,000,00 \$ 42,000,00 \$ 9 3,000,00	\$ 18,000.00 \$ 67,000.00	\$	\$ 32.00 \$ 263.00 \$ 628.00 \$ 113.00 \$ 113.00 \$ 61.00 \$ 78.00 \$ 35.00 \$ 35.00 \$ 142.00 \$ 261.00 \$
D-Wellhead Equip  -Tubling  -Wellhead Equip  B-Tanks  B-Flowlines/Pipelines  B-Howlines/Pipelines  B-Howlines/Pipelines  B-Howlines/Pipelines  B-Howlines/Pipelines  B-Howlines/Pipelines  B-Bellectrical System/Equipment  B-Puchylings/Flttings/Valves  B-Punps-Surface  B-Muscellaneous  B-Meters/Lacts  B-	402 403 405 504 505 510 511 512 513 514 515 522 522 523 525 526 527 531	S -	s ·	\$ 253,000,00 \$ 628,000,00 \$ 115,000,00 \$ 1,028,000,00	\$ 61,000.00  \$ 142,000.00  \$ 55,000.00  \$ 371,000.00	\$ 35,000,00 \$ 251,000,00 \$ 154,000,00 \$ 261,000,00 \$ 35,000,00 \$ 26,000,00 \$ 26,000,00 \$ 42,000,00 \$ 943,000,00 \$ 1,234,000,00	\$ 18,000.00 \$ 67,000.00	\$	\$ 32.00 \$ 263.00 \$ 628.00 \$ 113.00 \$ 113.00 \$ 61.00 \$ 78.00 \$ 35.00 \$ 35.00 \$ 142.00 \$ 261.00 \$
O-Wellhead Equip C-Tubing C-Wellhead Equip B-Tanks IB-Tanks IB-Towlines/Pipelines IB-Howlines/Pipelines IB-Howlines/Index IB-Howlines/Inde	402 403 405 504 505 510 511 512 513 514 515 522 522 523 525 526 527 531	S -	s ·	\$ 253,000,00 \$ 628,000,00 \$ 115,000,00 \$ 1,028,000,00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00 \$ 7,702,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00 \$ 26,000.00 \$ 42,000.00 \$ 34,000.00 \$ 1,234,000.00	\$ 18,000.00 \$ 67,000.00 \$ 175,000.00	\$	\$ 32.00 \$ 263.00 \$ 628.00 \$ 113.00 \$ 113.00 \$ 61.00 \$ 78.00 \$ 35.00 \$ 35.00 \$ 142.00 \$ 261.00 \$
Wellhead Equip Turbing Wellhead Equip B-Tanks B-Howlines/Pipelines B-Howlines/Pipelines/Pip	402 403 405 504 505 510 511 512 513 514 515 522 522 523 525 526 527 531	S -	s ·	\$ 253,000,00 \$ 628,000,00 \$ 115,000,00 \$ 1,028,000,00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00 \$ 7,702,000.00	\$ 35,000,00 \$ 251,000,00 \$ 154,000,00 \$ 261,000,00 \$ 35,000,00 \$ 26,000,00 \$ 26,000,00 \$ 42,000,00 \$ 342,000,00 \$ 1,234,000,00  Date Prepared:  COG Operating LLC	\$ 18,000.00 \$ 67,000.00 \$ 175,000.00	\$	\$ 32.00 \$ 263.00 \$ 628.00 \$ 113.00 \$ 113.00 \$ 61.00 \$ 78.00 \$ 35.00 \$ 35.00 \$ 142.00 \$ 261.00 \$
	402 403 405 504 505 510 511 512 513 514 515 522 522 523 525 526 527 531	S -	s ·	\$ 253,000,00 \$ 628,000,00 \$ 115,000,00 \$ 1,028,000,00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00 \$ 7,702,000.00	\$ \$,5,00,00 \$ 251,000,00 \$ 154,000,00 \$ 261,000,00 \$ 3,50,000,00 \$ 26,000,00 \$ 26,000,00 \$ 42,000,00 \$ 42,000,00 \$ 1,234,000,00  Date Prepared:  COG Operating LLC  By:	\$ 18,000.00 \$ 67,000.00 \$ 175,000.00	\$	\$ 32,00 \$ 253,00 \$ 115,00 \$ 1113,00 \$ 61,00 \$ 78,00 \$ 35,00 \$ 251,00 \$ 251,00 \$ 261,00 \$ 261,00 \$ 262,00 \$ 263,00 \$ 263,
D-Wellhead Equip C-Tubing C-Wellhead Equip EN-Tanks IB-Flowlines/Pipelines IB-HET NET/Septrt IB-HELECTICAL System/Equipment E-Pektrs/Anchors/Hgrs IB-PiB-Userian-System/Equipment IB-Pektrs/Anchors/Hgrs IB-Pumps-Surface IB-Pumps-Surface IB-HIS-Couplings/Fttings/Valves IB-PiB-Surface IB-Histrumentation/SCADA/POC IB-Misscellaneous IB-Histramentation/SCADA/POC IB-Misscellaneous IB-HISTRAMENTATION IB-HISTRAMEN	402 403 405 504 505 510 511 512 513 514 515 522 522 523 525 526 527 531	S -	s ·	\$ 253,000,00 \$ 628,000,00 \$ 115,000,00 \$ 1,028,000,00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00 \$ 7,702,000.00	\$ 35,000,00 \$ 251,000,00 \$ 154,000,00 \$ 261,000,00 \$ 35,000,00 \$ 26,000,00 \$ 26,000,00 \$ 42,000,00 \$ 342,000,00 \$ 1,234,000,00  Date Prepared:  COG Operating LLC	\$ 18,000.00 \$ 67,000.00 \$ 175,000.00	\$	\$ 32,00 \$ 253,00 \$ 115,00 \$ 113,00 \$ 61,00 \$ 78,00 \$ 35,00 \$ 142,00 \$ 251,00 \$ 261,00 \$ 260,00 \$ 260,0

 
 Well Name
 FLAMING SNAIL FED COM 702H

 SHL
 655 FNL
 945 FEL
 OR

 BHL
 200 FSL
 815 FEL
 OR

 Formation
 WOLFCAMP
 Logal
 ALL SEC 28 & 33, 255-27E & ALL SEC 4, 265-27E
 OR UNIT A OR UNIT P T25S-R27E T26S-R27E

st Description angible Costs .ctn/Pits/Roads	_								
	Code	PreSpud (PS)	Pre-Set Casing(PC)	Drilling (DR)	Completions (C)	Tank Btty Constrctn(TB)	Pmpq Equip (PEQ)	Revision	
	205				1			1.0	\$ 145.0
	205		\$	145,000.00				\$ -	
Orilling Overhead	206	ļ	s					\$ -	\$ 11,0
Daywork Contract	209	ļ	s					\$ -	\$ 789,0
Directional Drlg Services	210		s					\$ -	\$ 421,0
uel & Power	211		s	136,000.00				\$ -	\$ 136,0
Water	212	<u> </u>	s	115,000.00				\$ -	\$ 115,0
Bits	213	1	s	145,000.00				\$ -	\$ 145,0
Mud & Chemicals	214	1	s	297,000.00				\$ -	\$ 297,0
Cement Surface	217		s	29,000.00				\$ -	\$ 29,0
Cement Intermed	218		s	114,000.00				\$ -	\$ 114,0
Prod-2nd Int Cmt	219		s	168,000.00				\$ -	\$ 168,0
Float Equipment & Centralizers	221		s	92,000.00				\$ -	\$ 92,0
	222		s .	99,000.00				\$ -	\$ 99,0
Csg Crews & Equip	225							\$ -	\$ 10,0
Contract Labor		<b> </b>	s	10,000.00					
Company Sprvsn	226	ļ	\$					\$ -	\$ 66,0
Contract Sprvsn	227	ļ	s	165,000.00				\$ -	\$ 165,0
Tstg Csg/Tbg	228	<u> </u>	s	61,000.00				\$ -	\$ 61,0
Mud Logging Unit	229	<u> </u>	s	61,000.00				\$ -	\$ 61,0
Rentals-Surface	235	1	s	256,000.00				\$ -	\$ 256,0
Rentals-Subsrfc	236		s	119,000.00				\$ -	\$ 119,0
Frucking/Forklift/Rig Mob	237		s					\$ -	\$ 244,0
Welding Services	238		s	5,000.00				\$ -	\$ 5,0
Contingency	243			92,000.00				\$ -	\$ 92,0
Envrnmtl/Clsd Loop	244		3	403,000.00	<b> </b>			\$ -	\$ 403,0
	304		"	403,000.00					
Vellbore Frac Prep	304				\$ 209,000.00				\$ 209,00 \$ 22,00
.ctn/Pits/Roads		<b></b>	<del>                                     </del>		\$ 22,000.00			7	
Completion OH	306				\$ 33,000.00			\$ -	\$ 33,0
rac Equipment	307				\$ 1,430,000.00			\$ -	\$ 1,430,0
rac Chemicals	308				\$ 906,000.00			\$ -	\$ 906,0
rac Proppant	309				\$ 411,000.00		-	\$ -	\$ 411,0
rac Proppant Transportation	310				\$ 639,000.00			\$ -	\$ 639,0
uel Delivery & Services	311				\$ 92,000.00			\$ -	\$ 92,0
Vater	312				\$ 604,000.00			\$ -	\$ 604,0
rac Surface Rentals	315		<del>                                     </del>		\$ 570,000.00			\$ -	\$ 570,0
Contract Labor	325	<b> </b>	<del></del>		\$ 22,000.00			\$ -	\$ 22,0
Company Sprvsn	326	ļ			\$ 22,000.00			\$ -	\$ 22,0
Contract Sprvsn	327				\$ 305,000.00			\$ -	\$ 305,0
Artificial Lift Install	329	<u> </u>			\$ 98,000.00			\$ -	\$ 98,0
Perf/Wireline Svc	331	1			\$ 702,000.00			\$ -	\$ 702,0
rucking/Forklift/Rig Mob	337				\$ 22,000,00			\$ -	\$ 22,0
Vater Disposal	339				\$ 87,000.00			\$ -	\$ 87,0
Contingency	343				\$ 163,000.00			\$ -	\$ 163,0
	345							\$ -	
Oyed Diesel		<b> </b>	<del></del>		\$ 342,000.00				
Drillout	346	<b></b>			\$ 652,000.00			\$ -	\$ 652,0
-Damages/Right of Way	351					\$ 2,000.00		\$ -	\$ 2,0
-Location/Pits/Roads	353					\$ 45,000.00		\$ -	\$ 45,0
Contract Labor	356	l .				\$ 244,000.00		\$ -	\$ 244,0
Q-Contract Labor	374						\$ 18,000.00	\$ -	\$ 18,0
Q-Water Disposal	387						\$ 81,000.00	\$ -	\$ 81,0
Q-HRZ Well Offset Frac	391						\$ 9,000.00		\$ 9,0
tal Intangible Costs		s -	s - s	4,043,000.00	\$ 7,331,000.00	\$ 291,000.00			\$ 11,773,0
		_		,. ,,	, , , , , , , , , , , , , , , , , , , ,	, ,,,,,,,,			, , , , ,
ngible Costs									
	392					1	\$ 49,000.00	- ·	\$ 49,0
Q-Flowback Crews & Equip		<b></b>					\$ 49,000.00		
Surface Casing	401		\$					\$ -	\$ 32,0
ntermed Csg	402	<u> </u>	\$	253,000.00				\$ -	\$ 253,0
Production Casing/Liner	403		\$					\$ -	\$ 628,0
Wellhead Equip	405		\$					\$ -	\$ 115,0
ubing 'ubing	504				\$ 113,000.00		-	\$ -	\$ 113,0
Vellhead Equip	505				\$ 61,000.00			\$ -	\$ 61,0
Tanks	510		1		2.,220.00	\$ 78,000.00		\$ -	\$ 78,0
Flowlines/Pipelines	511		<del>                                     </del>		<b> </b>	\$ 35,000.00		\$ -	\$ 35,0
Htr Trtr/Seprtr	512		+		<b> </b>	\$ 251,000.00			\$ 251,0
-Electrical System/Equipment	513					\$ 154,000.00		\$ -	\$ 154,0
Pckrs/Anchors/Hgrs	514				\$ 142,000.00			\$ -	\$ 142,0
Couplings/Fittings/Valves	515					\$ 261,000.00		\$ -	\$ 261,0
Pumps-Surface	521					\$ 35,000.00		\$ -	\$ 35,0
Instrumentation/SCADA/POC	522					\$ 26,000.00		\$ -	\$ 26,0
Miscellaneous	523					\$ 26,000.00		\$ -	\$ 26,0
-Meters/Lacts	525					\$ 35,000.00		\$ -	\$ 35,0
			<del>                                     </del>		<b> </b>				
			<del>                                     </del>		¢ ===000.00	÷2,000.00			
					υ οο,υυ0.00		e 40.000.00		
u-vveinead Equipment	531						a 18,000.00	<b>.</b>	\$ 18,00
tal Tangible Costs			- \$	1,028,000.00	\$ 371,000.00	\$ 943,000.00	\$ 67,000.00	\$ -	\$ 2,409,0
		\$ -	- \$	5,071,000.00	\$ 7,702,000.00	\$ 1,234,000.00	\$ 175,000.00	\$ -	\$ 14,182,0
Flares/Combusters/Emission Gas Lift/Compression Q-Wellhead Equipment	526 527 531		\$ - \$	\$ 1,028,000.00 \$ 5,071,000.00	\$ 55,000.00 \$ 371,000.00 \$ 7,702,000.00	\$ 42,000.00 \$ 943,000.00	\$ 18,000.00 \$ 67,000.00 \$ 175,000.00	\$ - \$ - \$ - \$ -	\$ \$

 
 Well Name
 FLAMING SNAIL FED COM 703H

 SHL
 655 FNL, 975 FEL
 OR

 BHL
 200 FSL, 1300 FEL
 OR

 Formation
 WOLFCAMP
 Logal
 ALL SEC 28 & 33, 255-27E & ALL SEC 4, 265-27E
 OR UNIT A OR UNIT P T25S-R27E T26S-R27E

st Description angible Costs .ctn/Pits/Roads	_								
	Code	PreSpud (PS)	Pre-Set Casing(PC)	Drilling (DR)	Completions (C)	Tank Btty Constrctn(TB)	Pmpq Equip (PEQ)	Revision	
	205				1			1.0	\$ 145.0
	205		\$	145,000.00				\$ -	
Orilling Overhead	206	ļ	s					\$ -	\$ 11,0
Daywork Contract	209	ļ	s					\$ -	\$ 789,0
Directional Drlg Services	210		s					\$ -	\$ 421,0
uel & Power	211		s	136,000.00				\$ -	\$ 136,0
Water	212	<u> </u>	s	115,000.00				\$ -	\$ 115,0
Bits	213	1	s	145,000.00				\$ -	\$ 145,0
Mud & Chemicals	214	1	s	297,000.00				\$ -	\$ 297,0
Cement Surface	217		s	29,000.00				\$ -	\$ 29,0
Cement Intermed	218		s	114,000.00				\$ -	\$ 114,0
Prod-2nd Int Cmt	219		s	168,000.00				\$ -	\$ 168,0
Float Equipment & Centralizers	221		s	92,000.00				\$ -	\$ 92,0
	222		, s	99,000.00				\$ -	\$ 99,0
Csg Crews & Equip	225							\$ -	\$ 10,0
Contract Labor		<b> </b>	s	10,000.00					
Company Sprvsn	226	ļ	\$					\$ -	\$ 66,0
Contract Sprvsn	227	ļ	s	165,000.00				\$ -	\$ 165,0
Tstg Csg/Tbg	228	<u> </u>	s	61,000.00				\$ -	\$ 61,0
Mud Logging Unit	229	<u> </u>	s	61,000.00				\$ -	\$ 61,0
Rentals-Surface	235	1	s	256,000.00				\$ -	\$ 256,0
Rentals-Subsrfc	236		s	119,000.00				\$ -	\$ 119,0
Frucking/Forklift/Rig Mob	237		s					\$ -	\$ 244,0
Welding Services	238		s	5,000.00				\$ -	\$ 5,0
Contingency	243			92,000.00				\$ -	\$ 92,0
Envrnmtl/Clsd Loop	244		3	403,000.00	<b> </b>			\$ -	\$ 403,0
	304		"	403,000.00					
Vellbore Frac Prep	304				\$ 209,000.00				\$ 209,00 \$ 22,00
.ctn/Pits/Roads		<b></b>	<del>                                     </del>		\$ 22,000.00			7	
Completion OH	306				\$ 33,000.00			\$ -	\$ 33,0
rac Equipment	307				\$ 1,430,000.00			\$ -	\$ 1,430,0
rac Chemicals	308				\$ 906,000.00			\$ -	\$ 906,0
rac Proppant	309				\$ 411,000.00		-	\$ -	\$ 411,0
rac Proppant Transportation	310				\$ 639,000.00			\$ -	\$ 639,0
uel Delivery & Services	311				\$ 92,000.00			\$ -	\$ 92,0
Vater	312				\$ 604,000.00			\$ -	\$ 604,0
rac Surface Rentals	315		<del>                                     </del>		\$ 570,000.00			\$ -	\$ 570,0
Contract Labor	325	<b> </b>	<del></del>		\$ 22,000.00			\$ -	\$ 22,0
Company Sprvsn	326	ļ			\$ 22,000.00			\$ -	\$ 22,0
Contract Sprvsn	327				\$ 305,000.00			\$ -	\$ 305,0
Artificial Lift Install	329	<u> </u>			\$ 98,000.00			\$ -	\$ 98,0
Perf/Wireline Svc	331	1			\$ 702,000.00			\$ -	\$ 702,0
rucking/Forklift/Rig Mob	337				\$ 22,000,00			\$ -	\$ 22,0
Vater Disposal	339				\$ 87,000.00			\$ -	\$ 87,0
Contingency	343				\$ 163,000.00			\$ -	\$ 163,0
	345							\$ -	
Oyed Diesel		<b> </b>	<del></del>		\$ 342,000.00				
Drillout	346	<b></b>			\$ 652,000.00			\$ -	\$ 652,0
-Damages/Right of Way	351					\$ 2,000.00		\$ -	\$ 2,0
-Location/Pits/Roads	353					\$ 45,000.00		\$ -	\$ 45,0
Contract Labor	356	l .				\$ 244,000.00		\$ -	\$ 244,0
Q-Contract Labor	374						\$ 18,000.00	\$ -	\$ 18,0
Q-Water Disposal	387						\$ 81,000.00	\$ -	\$ 81,0
Q-HRZ Well Offset Frac	391						\$ 9,000.00		\$ 9,0
tal Intangible Costs		s -	s - s	4,043,000.00	\$ 7,331,000.00	\$ 291,000.00			\$ 11,773,0
				,. ,,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, ,,,,,,,,			, , , , ,
ngible Costs									
	392					1	\$ 49,000.00	- ·	\$ 49,0
Q-Flowback Crews & Equip		<b></b>					\$ 49,000.00		
Surface Casing	401		\$					\$ -	\$ 32,0
ntermed Csg	402	<u> </u>	\$	253,000.00				\$ -	\$ 253,0
Production Casing/Liner	403		\$					\$ -	\$ 628,0
Wellhead Equip	405		\$					\$ -	\$ 115,0
ubing 'ubing	504				\$ 113,000.00		-	\$ -	\$ 113,0
Vellhead Equip	505				\$ 61,000.00			\$ -	\$ 61,0
Tanks	510		1		2.,220.00	\$ 78,000.00		\$ -	\$ 78,0
Flowlines/Pipelines	511		<del>                                     </del>		<b> </b>	\$ 35,000.00		\$ -	\$ 35,0
Htr Trtr/Seprtr	512		+		<b> </b>	\$ 251,000.00			\$ 251,0
-Electrical System/Equipment	513					\$ 154,000.00		\$ -	\$ 154,0
Pckrs/Anchors/Hgrs	514				\$ 142,000.00			\$ -	\$ 142,0
Couplings/Fittings/Valves	515					\$ 261,000.00		\$ -	\$ 261,0
Pumps-Surface	521					\$ 35,000.00		\$ -	\$ 35,0
Instrumentation/SCADA/POC	522					\$ 26,000.00		\$ -	\$ 26,0
Miscellaneous	523					\$ 26,000.00		\$ -	\$ 26,0
-Meters/Lacts	525					\$ 35,000.00		\$ -	\$ 35,0
			<del>                                     </del>		<b> </b>				
			<del>                                     </del>		¢ ===000.00	÷2,000.00			
					υ οο,υυ0.00		e 40.000.00		
u-vveinead Equipment	531						a 18,000.00	<b>.</b>	\$ 18,00
tal Tangible Costs			- \$	1,028,000.00	\$ 371,000.00	\$ 943,000.00	\$ 67,000.00	\$ -	\$ 2,409,0
		\$ -	- \$	5,071,000.00	\$ 7,702,000.00	\$ 1,234,000.00	\$ 175,000.00	\$ -	\$ 14,182,0
Flares/Combusters/Emission Gas Lift/Compression Q-Wellhead Equipment	526 527 531		\$ - \$	\$ 1,028,000.00 \$ 5,071,000.00	\$ 55,000.00 \$ 371,000.00 \$ 7,702,000.00	\$ 42,000.00 \$ 943,000.00	\$ 18,000.00 \$ 67,000.00 \$ 175,000.00	\$ - \$ - \$ - \$ -	\$ \$

T25S-R27E T26S-R27E

 
 Well Name
 FLAMING SNAIL FED COM 704H

 SH.
 655 FML, 1005 FEL
 OR

 BH.
 200 FSL, 1785 FEL
 OR

 Formation
 WOLFCAMP

 Legal
 ALL SEC 28 & 33, 255-27E & ALL SEC 4, 265-27E
 OR UNIT A OR UNIT O

Second   S		gal ALL SECS 28 & 3	33, 25S-27E & ALL SEC 4, 26S-27	.7E						8,925	
Separal Control	Cost Description	Code	PreSpud (PS)	Pre-Set Casing(PC)	Drillin	g (DR)	Completions (C)	Tank Btty Constrctn(TB)	Pmpq Equip (PEQ)	Revision	
Control Control	ntangible Costs										
Colorg Control	D-Lctn/Pits/Roads	205			\$ 145.	,000.000				\$ -	\$ 145,00
Separation   1	0-Drilling Overhead	206	,							\$ -	\$ 11,00
Second process   126		209	,		S 789.	.000.00					\$ 789,00
Table Marker   271											
Section   121											
Second											
Abdition   12											
Comparing   19											
Comment   Comm											
1											
Piest Engener & Corrollers    23											
25 Grown   12   1   1   1   1   1   1   1   1											
Section   1											
Company (rest)											
Comment property											
10   10   10   10   10   10   10   10											
Second Company   1999	O-Contract Sprvsn	227	1		\$ 165.	,000.000				\$	\$ 165,00
Description for the company of the	O-Tstg Csg/Tbg				\$ 61,	,000.000				\$ -	\$ 61,00
Security Control   19   19   19   19   19   19   19   1	D-Mud Logging Unit	229	,		\$ 61	,000.000				\$	\$ 61,00
Security Control   19   19   19   19   19   19   19   1	O-Rentals-Surface	235	1							\$ -	\$ 256,00
1											
Section   19   19   19   19   19   19   19   1	0-Trucking/Forklift/Rig Mob	237	,								
Section   24											
Second Control Large   148											
Section   Property   Company   Com											
Control Mondes				<del></del>	J 403.	,000.000					
Section   Sect				<del></del>		-+					
Fire Expensed				<del></del>							
First Chemistal											
File Proposed   30											
The Proposite Transportation   330											
Tell Delivery & Services   321											
Section   Sect										\$ -	\$ 639,00
Water											
Contract Labor											
Contract Labor						_					
Company System   326											
Contract Services											
Control trining   325											
Performance Section   331											
Tricklerg Position   1337	-Artificial Lift Install	329	1			_					
Water Disposal   339											
Secondary   343							\$ 22,000.00			\$	
Specific   346	-Water Disposal	339	4				\$ 87,000.00			\$	
Specific   346	-Contingency	343	1				\$ 163,000.00			\$ -	\$ 163,00
Section   Sect		345	,							\$ -	
Standard										\$	
Secretar Labor								\$ 3,000,00			
R.Contract Labor											
### PECONTACT Labor   374											
## STEAM WITH CORPORATION   S   S   S   S   S   S   S   S   S								\$ 244,000.00			
PRICHEM   1976   Frace   1976   197											
Transition   S											
PEC   Flore   Pec   Pe		391							\$ 9,000.00		\$ 9,00
\$ 40,000   \$ -   \$   \$   \$   \$   \$   \$   \$   \$	Total Intangible Costs		\$ -	\$ -	\$ 4,043,0	00.00	\$ 7,331,000.00	\$ 291,000.00	\$ 108,000.00	\$ -	\$ 11,773,00
\$ 40,000   \$ -   \$   \$   \$   \$   \$   \$   \$   \$											
Surface (Saing   401											
S	PEQ-Flowback Crews & Equip	392							\$ 49,000.00	\$	\$ 49,00
S	)-Surface Casing	401			\$ 32,0	00.00				\$ -	\$ 32,00
S											
Section   Sect											
S											
S							\$ 113,000,00				
18-Tanks											
This Horizon   File						-+	Ψ 61,000.00	¢ 70,000,00			
BHIT TY/Septr											
B-Electrical System/Equipment   513											
Service   Serv											
B-Coupings/Hittings/Valves   \$ 281,000.00   \$ \$								\$ 154,000.00			
B-Pumps-Surface   \$21							\$ 142,000.00				
B-instrumentation/SCAD/POC   \$22											
B-instrumentation/SCADA/POC   \$22		521				[		\$ 35,000.00		\$ -	\$ 35,00
B-Micellaneous   \$23								\$ 26,000.00		\$ -	\$ 26,00
B-Meters/Lacts   \$25           \$35,000,00     \$ .   \$   \$   \$   \$   \$   \$   \$   \$	B-Miscellaneous										
B-Flares/Combusters/Emission   \$2.6	B-Meters/Lacts										
Class											
FEC.Wellhead Equipment   531							\$ 55,000,00	.=,==3.00			
Total Tangible Costs \$ - \$ 1,028,000.00 \$ 371,000.00 \$ 943,000.00 \$ 67,000.00 \$ - \$  Total Gross Cost \$ - \$ 5,071,000.00 \$ 7,702,000.00 \$ 1,234,000.00 \$ 175,000.00 \$ - \$  Note: The above costs are estimates only. Actual costs will be billed as incurred.  **COG Operating LLC**  Sy:  **COG Operating LLC**  **We approve:  **Sy Working Interest**  **Own of the company:  **Own of the company:						-+			\$ 18,000,00		
Fotal Gross Cost \$ - \$ - \$ 5,071,000.00 \$ 7,702,000.00 \$ 1,234,000.00 \$ 175,000.00 \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Tetal Tampible Ocata	331		e	\$ 4,000.0	00.00	\$ 274,000,00	\$ 042,000.00	\$ 67,000.00		\$ 2400.00
lete: The above costs are estimates only. Actual costs will be billed as incurred.  COG Operating LLC  Sy:  Date Prepared: 10.25.22  COG Operating LLC  We approve:  % Working Interest  Company:  y-  This AFE is only an estimate. By signing you agree to pay	otal rangible costs		•	•	1,028,0	00.00	9 3/1,000.00	943,000.00	67,000.00	•	2,409,00
lote: The above costs are estimates only. Actual costs will be billed as incurred.  OG Operating LLC  Very:  Date Prepared:  COG Operating LLC  Very approve:  % Working Interest  Company:  y:  Interest Street  This AFE is only an estimate. By signing you agree to pay	otal Gross Cost			•	¢ 5.074.0	000 00	\$ 7,702,000,00	\$ 1 224 000 00	¢ 475 000 00	¢	£ 14.102.00
OG Operating LLC  ly:  Date Prepared: 10.25.22  COG Operating LLC  Ve approve: % Working Interest  Sompany:  Veritted Name:  This AFE is only an estimate. By signing you agree to pay		nnly Actual costs wi		•	\$ 5,071,0	00.00	\$ 1,702,000.00	\$ 1,234,000.00	\$ 175,000.00	-	\$ 14,102,00
We approve:  We approve:  We working Interest  Strict Company:  By:  Printed Name:  Title:  This AFE is only an estimate. By signing you agree to pay	Note: The above costs are estimates of	nly. Actual costs wi		-	\$ 5,071,0	000.00	\$ 7,702,000.00	\$ 1,234,000.00	\$ 175,000.00	-	\$ 14,182
*% Working Interest  ompany:  y:  ritted Name:  fille:  This AFE is only an estimate. By signing you agree to pay	y:						•		10.25.22		-
y: rinted Name: This AFE is only an estimate. By signing you agree to pay	la annonya:										
This AFE is only an estimate. By signing you agree to pay	% Working Interest							Ву:			=
No. 1 Journal of the detail cost ment of	% Working Interest  pmpany: y:							ву:			-

T25S-R27E T26S-R27E

 
 Well Name
 FLAMING SNAIL FED COM 705H

 SH.
 655 FNL, 1035 FEL
 OR

 BH.
 200 FSL, 2270 FEL
 OR

 Formation
 WOLFCAMP
 Logal ALL SEC 28 & 33, 255-27E & ALL SEC 4, 265-27E
 OR UNIT A OR UNIT O

Cost Description (intangible Costs D-trilling Overhead D-Drilling Overhead D-Daywork Contract D-Directional Drig Services D-Fuel & Perectional Drig Services D-Mad & Chemicals D-Cement Intermed D-Fond-2nd Int Cmt D-Float Equipment & Centralizers D-Coment Intermed D-Prod-2nd Int Cmt D-Float Equipment & Centralizers D-Cog Crews & Equip D-Contract Labor D-Company Sprvsn D-Contract Sprvsn D-Tsug Csg/Trbg D-Mud Logging Unit D-Rentals Subsrfc D-Trucking/Forkill/Rig Mob D-Welding Services D-Rentals Subsrfc D-Trucking/Forkill/Rig Mob D-Welding Services D-Contingency D-Environtif/Cisd Loop C-Wellbore Fare Prep C-Lctty/Pits/Roads C-Completion OH C-Frac Equipment C-Frac Cropmant Transportation C-Frac Proppant Transportatio	205 206 209 210 211 212 213 213 217 221 222 225 236 237 238 306 309 309 309 309 311 311 315 325 327 329 331 333 333 333 333 333 333 333 333 33	PreSpud (PS)	Pre-Sat Casin	S   S   S   S   S   S   S   S   S   S	Drilling (DR)  145,000.00  11,000.00  11,000.00  421,000.00  185,000.00	\$ 209,000,000   \$ 20,000,000   \$ 33,000,000   \$ 4140,000,000   \$ 92,000,000   \$ 93,000,000   \$ 94,000   \$ 94,00	Tank Bity Constrctn(TB)	Pmpq Equip (PEC)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	145,000. 11,000. 12,000. 11,00
D-Lettr/Pit/Roads D-Dettriling Overhead D-Doritling Overhead D-Bolts D-Mud & Chemicals D-Ocenent Intermed D-Frod-2nd Int Cmt D-Oritling D-Ori	206 209 210 211 211 212 213 214 217 218 219 222 225 226 227 228 229 235 236 307 308 309 309 311 311 312 325 327 327 329 327 329 327 327 327 327 327 327 327 327 327 327			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	11,000,00  421,000,00  421,000,00  136,000,00  145,000,00  145,000,00  29,000,00  145,000,00  145,000,00  160,000,00	\$ 22,000.00 \$ 1,430,000.00 \$ 9,000,000.00 \$ 900,000.00 \$ 93,000,000 \$ 93,000,000 \$ 900,000.00 \$ 900,000.00 \$ 22,000.00 \$ 22,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	11000000000000000000000000000000000000
Dolling Overhead Dolaywork Contract Dolaywork Contr	206 209 210 211 211 212 213 214 217 218 219 222 225 226 227 228 229 235 236 307 308 309 309 311 311 312 325 327 327 329 327 329 327 327 327 327 327 327 327 327 327 327			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	11,000,00  421,000,00  421,000,00  136,000,00  145,000,00  145,000,00  29,000,00  145,000,00  145,000,00  160,000,00	\$ 22,000.00 \$ 1,430,000.00 \$ 9,000,000.00 \$ 900,000.00 \$ 93,000,000 \$ 93,000,000 \$ 900,000.00 \$ 900,000.00 \$ 22,000.00 \$ 22,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	11000000000000000000000000000000000000
Daywork Contract Diprectional Dirg Services Directional	209 210 211 212 213 214 217 218 229 222 225 226 237 238 244 305 306 307 308 307 308 311 315 325 327 329 337 339 343 343			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	789,000,00 421,000,00 421,000,00 115,000,00 115,000,00 1277,000,00 1287,000,00 114,000,00 114,000,00 160,000,00 160,000,00 160,000,00 160,000,00 160,000,00 160,000,00 170,000,00 170,000,00 170,000,00 170,000,00 170,000,00 170,000,00 170,000,00 170,000,00 170,000,00 170,000,00 170,000,00 170,000,00 170,000,00 170,000,00 170,000,00 170,000,00 170,000,00 170,000,00 170,000,00	\$ 22,000.00 \$ 1,430,000.00 \$ 9,000,000.00 \$ 900,000.00 \$ 93,000,000 \$ 93,000,000 \$ 900,000.00 \$ 900,000.00 \$ 22,000.00 \$ 22,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	789,000.01 136,000.01
Politectional Drig Services Poleta & Power Poleta & Po	210 211 212 213 214 218 219 221 222 225 226 227 228 236 237 238 243 305 307 308 309 310 311 315 325 327 329 339 337 339 343			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	421,000,00 186,000,00 1816,000,00 1816,000,00 1816,000,00 282,000,00 182,000,00 182,000,00 182,000,00 180,000,00	\$ 22,000.00 \$ 1,430,000.00 \$ 9,000,000.00 \$ 900,000.00 \$ 93,000,000 \$ 93,000,000 \$ 900,000.00 \$ 900,000.00 \$ 22,000.00 \$ 22,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	421,000,000,000,000,000,000,000,000,000,0
-Fuel & Power	211 212 213 214 214 217 221 222 225 226 227 228 229 235 236 243 304 305 307 308 309 310 311 315 325 327 329 329 329 329 329 329 329 329 329 329			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	198,000.00 115,000.00 145,000.00 145,000.00 297,000.00 114,000.00 114,000.00 180,000.00 190,000.00 100,000.00 100,000.00 110,000.00	\$ 22,000.00 \$ 1,430,000.00 \$ 9,000,000.00 \$ 900,000.00 \$ 93,000,000 \$ 93,000,000 \$ 900,000.00 \$ 900,000.00 \$ 22,000.00 \$ 22,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	136,000 (145
-WaterBitsMud & ChemicalsCement SurfaceCement IntermedProd-2nd Int CmtFroat Faujiment & CentralizersCag Crews & EquipContract LaborCompany SprvsnContract SprvsnTruckine/Forbilify/Rig Mob	212 213 214 217 218 229 221 222 225 226 227 235 236 237 238 244 304 305 306 307 308 309 311 312 315 325 327 329 339 337 337 337 333 343			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	115,000.00 145,000.00 247,000.00 28,000.00 114,000.00 168,000.00 168,000.00 168,000.00 168,000.00 168,000.00 168,000.00 168,000.00 168,000.00 169,000.00 169,000.00 169,000.00 169,000.00 169,000.00 169,000.00 169,000.00 169,000.00 169,000.00 169,000.00 169,000.00 169,000.00 169,000.00	\$ 22,000.00 \$ 1,430,000.00 \$ 9,000,000.00 \$ 900,000.00 \$ 93,000,000 \$ 93,000,000 \$ 900,000.00 \$ 900,000.00 \$ 22,000.00 \$ 22,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	115,000 297,000 1145,000 297,000 1145,000 297,000 1145,000 297,000 207,000 207,000 207,000 207,000 207
Bits Mud & Chemicals -Cement Surface -Cement Intermed -Prod-2 And Int Centralizers -Cement Cement Intermed -Prod-2 And Int Centralizers -Ceg Crews & Equip -Contract Labor -Company Sprvsn -Contract Sprsn -Tist Csg/Trbg -Tist Csg/Trb	213 214 217 218 219 222 225 226 227 228 229 235 236 237 238 243 243 244 305 306 307 308 309 311 312 315 325 326 327 328 337 339 331 337 339 343			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	145,000,00 297,000,00 29,000,00 114,000,00 186,000,00 99,000,00 10,000,00 165,000,00 165,000,00 165,000,00 226,000,00 219,000,00 226,000,00 226,000,00 2244,000,00 2444,000,00 260,000,00	\$ 22,000.00 \$ 1,430,000.00 \$ 9,000,000.00 \$ 900,000.00 \$ 93,000,000 \$ 93,000,000 \$ 900,000.00 \$ 900,000.00 \$ 22,000.00 \$ 22,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	145,000 297,000 207,000 207,000 207,000 207,000 207,000 207,000 207,000 207,000 207,000 207,00
-Mud & Chemicals -Cement Surface -Cement Intermed -Prod-2nd Int Cmt -Float Equipment & Centralizers -Csg Crews & Equip -Contract Labor -Contract Labor -Contract Surface -Contract Surface -Contract Surface -Rentals-Surface -Rentals-Subsrfc -Trucking/Forkilf/Rig Mob -Wielding Services -Contingency -Envrimit/Cisd Loop -Wielding Services -Contingency -Envrimit/Cisd Loop -Wielding Farches -Envrimit/Cisd Loop -Envrimit/Ci	214 217 218 219 221 222 225 226 227 228 229 235 237 238 306 307 308 309 310 311 312 315 326 327 329 339 343			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	287,000,00 114,000,00 114,000,00 168,000,00 199,000,00 160,000,00 160,000,00 160,000,00 161,000,00 161,000,00 161,000,00 161,000,00 161,000,00 161,000,00 161,000,00 161,000,00 161,000,00 161,000,00 161,000,00 161,000,00 161,000,00 161,000,00 161,000,00 161,000,00 161,000,00 161,000,00	\$ 22,000.00 \$ 1,430,000.00 \$ 9,000,000.00 \$ 900,000.00 \$ 93,000,000 \$ 93,000,000 \$ 900,000.00 \$ 900,000.00 \$ 22,000.00 \$ 22,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	297,000000000000000000000000000000000000
Cement Surface Cement Intermed Prod-Zord Int Crut Float Equipment & Centralizers Ceg Crews & Equip Contract Labor Company Sprvsn Contract Sprvsn Tragt Csg/Tbg Mud Logging Unit Rentals Surface Rentals Rentals Surface Rentals Rentals Rentals Complete Rentals Contract Labor Company Sprvsn Contract Sprvsn Actificial Lift Install Perf/Wireline Svc Tracking/Forkiif/Rig Mob Water Disposal Contrigency Oped Diesel Drillout 3-Damages/Right of Way 3-Location/Pits/Roads 3-Contract Labor CQ-Contract Labor CQ-Con	217 218 219 221 222 225 227 228 236 237 238 244 305 306 307 308 309 309 311 312 325 326 327 337 339 339 331 337 339 343			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	29,000,00 114,000,00 180,000,00 92,000,00 93,000,00 10,000,00 160,000,00 165,000,00 161,000,00 265,000,00 244,000,00 244,000,00 5,000,00 5,000,00	\$ 22,000.00 \$ 1,430,000.00 \$ 9,000,000.00 \$ 900,000.00 \$ 93,000,000 \$ 93,000,000 \$ 900,000.00 \$ 900,000.00 \$ 22,000.00 \$ 22,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	29,000000000000000000000000000000000000
-Cement Intermed -Prod-2-dn Int Cmt -Float Equipment & Centralizers -Cag Crews & Equip -Contract Labor -Company Sprvsn -Contract Sprvsn -Tsig Csg/Tbg -Mould Logging Unit -Rentals Surface -Rentals Subsrfc -Trucking/Forkiff/Rig Mob -Welding Services -Contingency -Completion OH -Frac Equipment -Frac Chemicals -Frac Chemicals -Frac Proppant -Frac Proppant -Frac Proppant -Frac Surface Rentals -Contract Labor -Company Sprvsn -Contract Labor -Contract Libor -Contra	218 219 222 222 225 226 227 228 229 235 236 237 238 304 305 307 308 309 311 311 325 326 327 337 339 331 337 339 339			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	114,000,00 168,000,00 92,000,00 99,000,00 10,000,00 165,000,00 61,000,00 119,000,00 246,000,00 244,000,00 92,000,00	\$ 22,000.00 \$ 1,430,000.00 \$ 9,000,000.00 \$ 900,000.00 \$ 93,000,000 \$ 93,000,000 \$ 900,000.00 \$ 900,000.00 \$ 22,000.00 \$ 22,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	114,000,000   92,000   93,000   90,000
-Prod-2nd int Cmt -Froat Equipment & Centralizers -Csg Crews & Equip -Contract Labor -Company Sprvsn -Contract Sprsn -Trucking/Forbill/file Mob -Welding Services -Contingency -Environment Survival Services -Contingency -Environment Survival Services -Contingency -Environment Survival Services -Contingency -Environment Services -Contingency -Environment Services -Contingency -Environment Services -Contingency -Environment Services -Condition Services -Condition Oh -Frac Proppant -Frac Proppant Transportation -Fr	219 221 222 225 226 227 228 229 235 236 237 238 243 305 306 307 308 309 311 312 315 325 326 327 327 337 339 331 337 339			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	168,000.00 92,000.00 99,000.00 10,000.00 66,000.00 61,000.00 61,000.00 256,000.00 119,000.00 244,000.00 5,000.00	\$ 22,000.00 \$ 1,430,000.00 \$ 9,000,000.00 \$ 900,000.00 \$ 93,000,000 \$ 93,000,000 \$ 900,000.00 \$ 900,000.00 \$ 22,000.00 \$ 22,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	168,000 92,000 92,000 10,000 165,000 165,000 165,000 256,000 119,000 244,000 244,000 209,000 224,000 33,000 111,000 604,000 604,000 604,000 570,000 22,000 22,000 22,000 22,000 305,000 98,000
-Float Equipment & Centralizers - 'Cag Crews & Equip - Contract Labor - Company Sprvsn - Company Sprvsn - Tsig Csg/Tbig - Mud Logging Unit - Rentals Surface - Enthy Rentals Surface - Contingency - Enthy Rentals Surface - Contingency - Entry Pitty (Roads - Completion OH - Frac Equipment - Frac Chemicals - Frac Proppant Transportation - Frace Proppant Transportation - Frac	221 222 225 226 227 228 236 237 238 243 244 304 305 306 307 308 310 311 312 325 326 327 329 331 337 339 339 331 337 339 339 343			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	168,000.00 92,000.00 99,000.00 10,000.00 66,000.00 61,000.00 61,000.00 256,000.00 119,000.00 244,000.00 5,000.00	\$ 22,000.00 \$ 1,430,000.00 \$ 9,000,000.00 \$ 900,000.00 \$ 93,000,000 \$ 93,000,000 \$ 900,000.00 \$ 900,000.00 \$ 22,000.00 \$ 22,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	92,000 99,000 10,000 66,000 165,000 61,000 244,000 92,000 92,000 22,000 33,000 1,430,000 906,000 411,000 570,000 570,000 22,000 305,000 98,000 99,000 99,000 90,000
-Float Equipment & Centralizers	221 222 225 226 227 228 236 237 238 243 244 304 305 306 307 308 310 311 312 325 326 327 329 331 337 339 339 331 337 339 339 343			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	92,000.00 99,000.00 10,000.00 66,000.00 165,000.00 61,000.00 256,000.00 119,000.00 244,000.00 5,000.00 92,000.00	\$ 22,000.00 \$ 1,430,000.00 \$ 9,000,000.00 \$ 900,000.00 \$ 93,000,000 \$ 93,000,000 \$ 900,000.00 \$ 900,000.00 \$ 22,000.00 \$ 22,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	92,000 99,000 10,000 66,000 165,000 61,000 244,000 92,000 92,000 22,000 33,000 1,430,000 906,000 411,000 570,000 570,000 22,000 305,000 98,000 99,000 99,000 90,000
Cog Crews & Equip Contract Labor Contract Sprish Contract	222 225 226 227 228 229 235 237 238 243 304 305 306 307 308 309 311 312 315 325 326 327 329 331 337 339 343			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	99,000.00 10,000.00 66,000.00 165,000.00 61,000.00 256,000.00 119,000.00 244,000.00 5,000.00	\$ 22,000.00 \$ 1,430,000.00 \$ 9,000,000.00 \$ 900,000.00 \$ 93,000,000 \$ 93,000,000 \$ 900,000.00 \$ 900,000.00 \$ 22,000.00 \$ 22,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	99,000 10,000 165,000 165,000 165,000 256,000 119,000 244,000 209,000 22,000 33,000 639,000 639,000 639,000 570,000 22,000 305,000 98,000
-Contract Labor -Company Sprvsn -Contract Sprvsn -Contract Sprvsn -Contract Sprvsn -Trucking/Forkiti/Rig Mob -Wedling Services -Contingency -Environment -Frac Chemicals -Frac Proppant Transportation -Frac Proppant Transportation -Frac Proppant Transportation -Frac Proppant -Frac Chemicals -Frac Proppant -Frac Remidals -	225 226 227 228 229 235 236 237 238 243 244 305 306 307 307 311 315 325 326 327 327 329 331 337 339 343			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 66,000.00 165,000.00 61,000.00 61,000.00 256,000.00 119,000.00 244,000.00 5,000.00	\$ 22,000.00 \$ 1,430,000.00 \$ 9,000,000.00 \$ 900,000.00 \$ 93,000,000 \$ 93,000,000 \$ 900,000.00 \$ 900,000.00 \$ 22,000.00 \$ 22,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00			\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000 66,000 165,000 61,000 244,000 119,000 292,000 403,000 22,000 33,000 411,000 639,000 92,000 604,000 570,000 22,000 92,000 92,000 92,000 92,000 92,000 92,000 92,000 92,000 92,000 92,000 92,000 92,000 92,000 92,000 92,000 92,000 92,000 92,000 92,000
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-Contract Sprvsn -Trucking/Forkilt/Rig Mob -Moul Logging Unit -Rentals-Surface -Rentals-Surface -Rentals-Surface -Rentals-Surface -Rentals-Surface -Rentals-Surface -Trucking/Forkilt/Rig Mob -Wellions Forkilt/Rig Mob -Wellions Frace Prep -LettnyPts/Roads -Completion OH -Frace Equipment -Frace Chemicals -Frace Proppant Transportation -Frace Propent Transportation -Frace Propen	227 228 229 235 237 238 243 244 305 306 307 308 311 312 315 325 327 329 331 337 337 339 343			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	165,000.00 61,000.00 61,000.00 256,000.00 119,000.00 244,000.00 5,000.00	\$ 22,000.00 \$ 1,430,000.00 \$ 9,000,000.00 \$ 900,000.00 \$ 93,000,000 \$ 93,000,000 \$ 900,000.00 \$ 900,000.00 \$ 22,000.00 \$ 22,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	165,000 61,000 61,000 256,000 119,000 24,000 92,000 22,000 33,000 1,430,000 96,000 411,000 604,000 570,000 22,000 305,000 98,000
-Tstg Csg/Tbg -Moul Logging Unit -Rentals Sufface -Rentals Subsrtc -Rentals Subsrtc -Rentals Subsrtc -Trucking/Forkilf/Rig Mob -Welding Services -Contingency -Envrimt/Clsd Loop -Wellbore Frac Prep -Lctv/Pits/Roads -Completion OH -Frac Equipment -Frac Proppant -	228 229 235 236 237 238 243 244 305 306 307 308 309 311 312 315 325 327 329 331 337 339 343			\$ \$ \$ \$	61,000.00 61,000.00 256,000.00 119,000.00 244,000.00 5,000.00	\$ 22,000.00 \$ 1,430,000.00 \$ 9,000,000.00 \$ 900,000.00 \$ 93,000,000 \$ 93,000,000 \$ 900,000.00 \$ 900,000.00 \$ 22,000.00 \$ 22,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	61,000 61,000 256,000 119,000 244,000 92,000 209,000 22,000 33,000 906,000 411,000 639,000 92,000 570,000 22,000 22,000 305,000 98,000 702,000
-Mud Logging Unit -Mud Logging Unit -Rentals Sufface -Contingency -Wellione Frace Prep -LethyPits/Roads -Completion OH -Frace Equipment -Frace Compant -Frace Proppant -Frace Proppent	229 235 236 237 238 244 304 305 306 309 310 311 312 315 325 327 329 331 337 333 333 333 333			\$ \$ \$	61,000.00 256,000.00 119,000.00 244,000.00 5,000.00 92,000.00	\$ 22,000.00 \$ 1,430,000.00 \$ 9,000,000.00 \$ 900,000.00 \$ 93,000,000 \$ 93,000,000 \$ 900,000.00 \$ 900,000.00 \$ 22,000.00 \$ 22,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	61,000 256,000 119,000 92,000 403,000 209,000 22,000 305,000 92,000 604,000 22,000 305,000 98,000 98,000 99,000 90,000 90,000
-Rentals-Surface -Rentals-Surface -Rentals-Surface -Trucking/Forklift/Rig Mob -Welding Services -Contingency -Envrmut/Cisd Loop -Rentals-Surface -Envrmut/Cisd Loop -Rentals-Surface -Face Prep -Letn/PIs/Roads -Completion OH -Frac Equipment -Frac Equipment -Frac Proppant Transportation -Frac Proppant Transportation -Frac Proppant Services -Water -Frac Proppant Insportation -Frac Surface Rentals -Contract Labor -Company Sprvsn -Contract Labor -Contract Labor -Frac Water Disposal -Contingency -Dyed Diesel -Drillout -Drillout -Drillout Boannages/Right of Way -Bu-coation/Pis/Roads -B-Contract Labor -EQ-Contract La	235 236 237 238 243 244 304 305 306 307 310 311 312 315 325 326 327 329 331 337 333 343			s s	256,000.00 119,000.00 244,000.00 5,000.00 92,000.00	\$ 22,000.00 \$ 1,430,000.00 \$ 9,000,000.00 \$ 900,000.00 \$ 93,000,000 \$ 93,000,000 \$ 900,000.00 \$ 900,000.00 \$ 22,000.00 \$ 22,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	256,000 119,000 244,000 5,000 92,000 403,000 22,000 33,000 1,430,000 92,000 604,000 570,000 22,000 22,000 22,000 305,000 98,000 702,000
-Rentals-Subsrfc -Trucking/Forkilf/Rig Mob -Welding Services -Contingency -Contingency -Environment Services -Contingency -Welloore Frac Prep -LettyPfis/Roads -Completion OH -Frac Equipment -Frac Equipment -Frac Proppant -Contract Sprvs -Artificial Lift Install -Perf/Wreline Svc -Trucking/Forkilf/Rig Mob -Water Disposal -Contract Labor -Pord Disel -Drillout -Drill	236 237 238 243 244 305 306 307 308 309 311 312 325 326 327 329 331 337 339			\$	119,000.00 244,000.00 5,000.00 92,000.00	\$ 22,000.00 \$ 1,430,000.00 \$ 9,000,000.00 \$ 900,000.00 \$ 93,000,000 \$ 93,000,000 \$ 900,000.00 \$ 900,000.00 \$ 22,000.00 \$ 22,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	119,000 244,000 5,000 92,000 403,000 229,000 33,000 906,000 411,000 639,000 92,000 570,000 22,000 305,000 98,000 702,000
-Trucking/forklift/Rig Mob -Welding Services -Contingency -Contingency -Envrimit/Clsd Loop -Frac Proppant -Frac Surface Rentals -Contract Labor -Company Sprvsn -Contract Labor -Contract Sprvsn -Artificial Lift Install -Perf/Wireline Sv -Trucking-Forklift/Rig Mob -Water Disposal -Contract Labor -Dord Diesel -Drillout -Drillou	237 238 243 244 304 305 306 307 338 309 310 311 312 325 326 327 329 331 337 339 343				244,000.00 5,000.00 92,000.00	\$ 22,000.00 \$ 1,430,000.00 \$ 9,000,000.00 \$ 900,000.00 \$ 93,000,000 \$ 93,000,000 \$ 900,000.00 \$ 900,000.00 \$ 22,000.00 \$ 22,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	244,000 5,000 92,000 403,000 22,000 33,000 1,430,000 906,000 639,000 62,000 22,000 22,000 22,000 305,000 98,000 702,000
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-EnvrmIV(Isid Loop -Wellbione Frac Prep -Letn/Pits/Roads -Completion OH -Frac Equipment -Frac Repident -Frac Repopant -Frac Proppant -Frac Surface Rentals -Contract Labor -Company Sprvsn -Contract Labor -Contract Sprvsn -Artificial Lift Install -Perf/Wireline Svc -Trucking-Forkiif/Rig Mob -Water Disposal -Contract Labor -Drillout	244 304 305 306 307 308 309 310 311 312 315 326 327 329 331 337 339 343			\$		\$ 22,000.00 \$ 1,430,000.00 \$ 9,000,000.00 \$ 900,000.00 \$ 93,000,000 \$ 93,000,000 \$ 900,000.00 \$ 900,000.00 \$ 22,000.00 \$ 22,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	403,000 209,000 33,000 1,430,000 906,000 639,000 570,000 22,000 22,000 98,000 702,000
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-Wellbore Frac Prep -Litch/Plis/Roads -Completion OH -Frac Equipment -Frac Chemicals -Frac Proppant Transportation -Frac Proppant Transportation -Frac Propent Transportation -Frac Propent Transportation -Frac Propent Transportation -Frac Surface Rentals -Contract Labor -Contract Surface Rentals -Contract Contract Surface -Contract Surface Rentals -Contract Surface Rentals -Contingency -Dyed Diesel -Dictiout -Dictiout -Dordiout -	304 305 306 307 308 309 310 311 312 315 325 326 327 329 331 337 339					\$ 22,000.00 \$ 1,430,000.00 \$ 9,000,000.00 \$ 900,000.00 \$ 93,000,000 \$ 93,000,000 \$ 900,000.00 \$ 900,000.00 \$ 22,000.00 \$ 22,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	209,000 22,000 33,000 1,430,000 906,000 411,000 639,000 570,000 22,000 22,000 98,000 702,000
-Letn/PIk/Roads -Letn/Pik/Roads -Completion OH -Frac Equipment -Frac Equipment -Frac Equipment -Frac Proppant Transportation -Frac Proppant Transportation -Frac Proppant Transportation -Frac Buffer Services -Water -Frac Surface Rentals -Contract Labor -Company Sprvsn -Contract Labor -Frucking-Forklift/Rig Mob -Water Disposal -Contingency -Dyed Diesel -Drillout -Drillo	305 306 307 308 309 310 311 312 315 325 326 327 329 331 337 339					\$ 22,000.00 \$ 1,430,000.00 \$ 9,000,000.00 \$ 900,000.00 \$ 93,000,000 \$ 93,000,000 \$ 900,000.00 \$ 900,000.00 \$ 22,000.00 \$ 22,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00 \$ 90,000.00			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	22,000 33,000 1,430,000 906,000 411,000 92,000 604,000 570,000 22,000 305,000 98,000 702,000
-Completion OH -Frac Equipment -Frac Chemicals -Frac Chemicals -Frac Chemicals -Frac Proppant -Frac Proppant Transportation -Frac Propeant Transportation -Frac Propeant Transportation -Frac Propeant Transportation -Frac Surface Rentals -Contract Labor -Company Sprvsn -Contract Sprvsn -Artificial Lift Install -Perf/Wireline Svc -Trucking/Forkilf/Rig Mob -Water Disposal -Contingency -Dyed Diesel -Drillout	306 307 308 309 310 311 312 315 325 326 327 329 331 337 339					\$ 33,000.00 \$ 1,430,000.00 \$ \$ 9,000.00 \$ \$ \$ 9,000.00 \$ \$ \$ 9,000.00 \$ \$ 9,000.00 \$ \$ 9,000.00 \$ \$ 9,000.00 \$ \$ 9,000.00 \$ \$ 9,000.00 \$ \$ 9,000.00 \$ \$ 9,000.00 \$ \$ 9,000.00 \$ \$ 9,000.00			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	33,000 1,430,000 906,000 411,000 639,000 92,000 570,000 22,000 305,000 98,000 702,000
-Frac Equipment -Frac Chemicals -Frac Proppant -Frac Surface Rentals -Contract Sprvs -Contract Sprvs -Contract Sprvs -Contract Sprvs -Artificial Lith Install -Perf/Wireline Svc -Trucking-Forklift/Rig Mob -Water Disposal -Contingeny -Dyed Diesel -Drillout -Drill	307 308 309 310 311 312 315 325 326 327 329 331 337 339					\$ 1,430,000.00 \$ 966,000.00 \$ 411,000.00 \$ 639,000.00 \$ 639,000.00 \$ 92,000.00 \$ 570,000.00 \$ 22,000.00 \$ 22,000.00 \$ 3 305,000.00 \$ 98,000.00 \$ 970,000.00			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,430,00 906,00 411,00 639,00 92,00 604,00 570,00 22,00 305,00 98,00 702,00
Frac Chemicals Frac Proppant Frac Surface Rentals Frac Frac Rentals Frac Frac Rental Frac R	308 309 310 311 312 315 325 326 327 329 331 337 339					\$ 906,000.00 \$ 411,000.00 \$ 639,000.00 \$ 92,000.00 \$ 570,000.00 \$ 22,000.00 \$ 22,000.00 \$ 305,000.00 \$ 96,000.00 \$ 702,000.00			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	906,00 411,00 639,00 92,00 604,00 570,00 22,00 305,00 98,00 702,00
-Frac Proppant -Frac Proppant -Frac Proppant Transportation -Fuel Delivery & Services	309 310 311 312 315 325 326 327 329 331 337 339					\$ 411,000.00 \$ 639,000.00 \$ 22,000.00 \$ 604,000.00 \$ 570,000.00 \$ 22,000.00 \$ 22,000.00 \$ 305,000.00 \$ 98,000.00 \$ 702,000.00			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	411,000 639,000 92,000 604,000 570,000 22,000 305,000 98,000 702,000
-Frac Proppant Transportation -Frac Proppant Transportation -Frac Delivery & Services -Water -Frac Surface Rentals -Contract Labor -Company Sprvsn -Contract Sprvsn -Artificial Lift Install -Perf/Wireline Svc -Trucking-Forkitif/Rig Mob -Water Disposal -Contingency -Dyed Diesel -Drillout -Boamages/Right of Way -Bucation/Pits/Roads -B. Contract Labor -EQ-Mater Disposal -Co-Hirac Valler -EQ-Mater Disposal -EQ-Hirac Valler -EQ-Water Disposal -EQ-Water	310 311 312 315 325 326 327 329 331 337 339 343					\$ 639,000.00 \$ 92,000.00 \$ 604,000.00 \$ 570,000.00 \$ 22,000.00 \$ 22,000.00 \$ 305,000.00 \$ 305,000.00 \$ 702,000.00			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$	639,000 92,000 604,000 570,000 22,000 305,000 98,000 702,000
Fuel Delivery & Services  Water  Frac Surface Rentals  -Contract Labor  -Company Spriss  -Contract Spriss  -Contract Spriss  -Contract Spriss  -Perf/Wreiline Svc  -Trucking/Fortilit/Rig Mob  -Water Disposal  -Contingency  -Dyed Dissel  -Dirlibut  B-Damages/Right of Way  B-Location/Pits/Roads  B-Contract Labor  EQ-Contract Labor  EQ-Contract Labor  EQ-Contract Labor  EQ-Contract Labor  EQ-Water Disposal  EQ-Hat Well Offset Frac  cotal Intangible Costs	311 312 315 325 326 327 329 331 337 339 343					\$ 92,000.00 \$ 604,000.00 \$ 570,000.00 \$ 22,000.00 \$ 22,000.00 \$ 305,000.00 \$ 98,000.00 \$ 702,000.00			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	-	\$ \$ \$ \$ \$ \$ \$	92,000 604,000 570,000 22,000 22,000 305,000 98,000 702,000
-Water	312 315 325 326 327 329 331 337 339 343					\$ 604,000.00 \$ 570,000.00 \$ 22,000.00 \$ 22,000.00 \$ 305,000.00 \$ 98,000.00 \$ 702,000.00			\$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$	604,000 570,000 22,000 22,000 305,000 98,000 702,000
-Water	315 325 326 327 329 331 337 339 343					\$ 604,000.00 \$ 570,000.00 \$ 22,000.00 \$ 22,000.00 \$ 305,000.00 \$ 98,000.00 \$ 702,000.00			\$ \$ \$ \$	-	\$ \$ \$ \$ \$	570,000 22,000 22,000 305,000 98,000 702,000
-Frac Surface Rentals -Contract Labor -Company Sprvsn -Contract Sprvsn -Contract Sprvsn -Contract Sprvsn -Contract Sprvsn -Contract Sprvsn -Artificial Lift Install -Perf/Wrieline Svc -Trucking/Fortilif/Rig Mob -Water Disposal -Contingency -Dyed Diesel -Dorllout -B-Damages/Right of Way -B-Location/Pits/Roads -B-Contract Labor -EQ-Contract Labor -EQ-Contr	315 325 326 327 329 331 337 339 343					\$ 22,000.00 \$ 22,000.00 \$ 305,000.00 \$ 98,000.00 \$ 702,000.00			\$ \$ \$ \$	-	\$ \$ \$ \$ \$	570,000 22,000 22,000 305,000 98,000 702,000
Contract Labor Company Sprvsn Contract Sprvsn Artificial Lift Install Perf/Wireline Svc -Trucking/Forklift/Rig Mob Water Disposal Contingency -Dyeld Diesel -Drillout B-Damages/Right of Way B-Location/Pist/Roads B-Contract Labor EQ-Contract Labor EQ-Contract Labor EQ-Contract Labor EQ-Haz Well Offser Fac otal Intangible Costs inagible Costs Cost Responsible Costs  Interference Cost Portolic Costs  Interference Cost  Interferen	325 326 327 329 331 337 339 343					\$ 22,000.00 \$ 305,000.00 \$ 98,000.00 \$ 702,000.00			\$ \$ \$ \$	-	\$ \$ \$ \$ \$	22,000 22,000 305,000 98,000 702,000
Company Sprvsn Contract Sprvsn -Artificial Lift Install -Perf/Wireline Svc -Trucking/Forkill/Rig Mob -Water Disposal -Contingency -Dyed Diesel -Dorllout -B-Damages/Right of Way -B-Location/Psr/Roads -B-Contract Labor -EQ-Contract Labor -EQ-Contract Labor -EQ-Contract Labor -EQ-Water Disposal -EQ-Hart Costs -EQ-Hart Costs	326 327 329 331 337 339 343					\$ 22,000.00 \$ 305,000.00 \$ 98,000.00 \$ 702,000.00			\$ \$ \$	-	\$ \$ \$ \$	22,000 305,000 98,000 702,000
Contract Sprvan -Antificial Lift Install -Perf/Wireline Svc -Trucking/Forklift/Rig Mob -Water Disposal -Contingency -Dyed Diesel -Durllout -Banamages/Right of Way -B-Location/PRIS/Roads -B-Contract Labor -EQ-Contract Labor -EQ-Contract Labor -EQ-Contract Labor -EQ-Marter Disposal -EQ-Haz Well Offset Frac -otal Intangible Costs	327 329 331 337 339 343					\$ 305,000.00 \$ 98,000.00 \$ 702,000.00			\$	-	\$ \$ \$	305,000 98,000 702,000
Artificial Lift install Perf/Werlin Svc -Trucking/Forklift/Rig Mob -Water Disposal -Contingency -Dyed Diesel -Dreiliout -	329 331 337 339 343					\$ 98,000.00 \$ 702,000.00			\$	-	\$	98,000 702,000
-Perf/Wreline SvcTrucking/Forklift/Rig MobWater DisposalContingencyDyed DieselDrilloutDrilloutDrilloutBamages/Right of WayBamages/Right of Way	331 337 339 343					\$ 702,000.00				-	\$	702,000
-Trucking/Forkitf/Rig Mob -Water Disposal -Contingency -Oyed Dissel -Domingency -Drillout -Dominut -Drillout -Drillo	337 339 343											
-Water Disposal -Contingency -Dyed Diesel -Drillout -Dri	339 343										\$	22,000
-Contingency -Dyed Diesel -Drillout	343								\$			
-Dyed Diesel -Drillout B-Damages/Right of Way B-Location/Pits/Roads B-Contract Labor EC-Contract Labor EC-Contract Labor EC-Water Disposal EC-Hea? Weil Offset Frac dotal Intangible Costs  angible Costs  EC-Flowback Crews & Equip -Intermed Cig -Intermed Cig -Production Casing/Liner -Weilhead Equip -Tubing -Tubing -Tubing -Weilhead Equip		1				\$ 87,000.00			\$	-	\$	87,000
Defilout  B-Damages/Right of Way  B-Location/Pits/Roads  B-Contract Labor  EC-Contract Labor  EC-Water Disposal  EC-HEZ Well Disposal  Formation of the management of the ma	200					\$ 163,000.00			\$	-	\$	163,000
Defiliout  B-Damages/Right of Way  B-Location/Pits/Roads  B-Contract Labor  EQ-Water Disposal  EQ-Haz Well Diffest Fac  otal Intangible Costs  angible Costs  EQ-Flowback Crews & Equip  Surface Casing  Interend Csg  P-Production Casing/Liner  -Wellhead Equip  -Tubing  -Wellhead Equip	345					\$ 342,000.00			\$	-	\$	342,000
B-Damages/Right of Way B-Location/Phrs/Roads B-Contract Labor EQ-Contract Labor EQ-Contract Labor EQ-Contract Labor EQ-Hard Polymer Security EQ-Hard Costs C	346					\$ 652,000.00			\$		\$	652,000
B-Location/Plis/Roads B-Contract Labor EQ-Contract Labor EQ-Water Disposal EQ-HRZ Well Offset Frac Otal Intangible Costs  angible Costs EQ-Flowback Crews & Equip Surface Casing Interned Csg Pierdoution Casing/Liner Pierdo	351						\$ 2,000.00		\$		\$	2,000
B-Contract Labor  EQ-Water Disposal  EQ-HB2 Well Offset Frac  ords Intangible Costs  angible Costs  EQ-Flowback Crews & Equip  Surface Casing  Johntermed Csg  -Production Casing/Liner  -Wellhead Equip  Tubing  Wellhead Equip	353						\$ 45,000.00		\$		\$	45,000
EQ-Contract Labor EQ-Water Disposal EQ-HAZ Well Offset Frac otal Intangible Costs  angible Costs  EQ-Flowback Crews & Equip S-Surface Casing -Intermed Csg P-Production Casing/Liner -Wellhead Equip -Tubing	356								\$			
#EQ-Water Disposal  EQ-Hat Well Offset Fac  Total Intangible Costs  Tangible Costs  #EQ-Flowback Crews & Equip  Sourface Casing  -Intermed Csg  -Production Casing/Liner  -Wellhead Equip  -Tubing  -Wellhead Equip							\$ 244,000.00				\$	244,000
FECHER Well Offset Frac  Total Intangible Costs  **Tangible Costs  **Tangible Costs  **Tangible Costs  **Tangible Costs  **Tangible Costs  **Description of the Cost of the Co	374							\$ 18,000.00			\$	18,000
Total Intangible Costs  #ECF-Flowback Crews & Equip  Sourface Casing  Intermed Csg  Production Casing/Liner	387							\$ 81,000.00			\$	81,000
Angible Costs  EC.Flowback Crews & Equip  -Surface Casing  -Intermed Csg  -Production Casing/Liner  -Wellhead Equip  -Tubing  -Wellhead Equip  -Wellhead Equip	391							\$ 9,000.00			\$	9,000
EQ-Flowback Crews & Equip -Surface Casing -Intermed Csg -Production Casing/Liner -Wellhead Equip -Tubing -Wellhead Equip -Wellhead Equip		\$ -	\$	- \$	4,043,000.00	\$ 7,331,000.00	\$ 291,000.00	\$ 108,000.00	\$	-	\$ 1	11,773,000
EQ-Flowback Crews & Equip -Surface Casing -Intermed Csg -Production Casing/Liner -Wellhead Equip -Tubing -Wellhead Equip -Wellhead Equip												
-Surface Casing -Intermed Csg -Production Casing/Liner -Wellhead Equip -Tubing -Wellhead Equip -Wellhead Equip												
Intermed CsgProduction Casing/LinerWellhead EquipTubingWellhead Equip	392							\$ 49,000.00	\$	-	\$	49,000
Intermed CsgProduction Casing/LinerWellhead EquipTubingWellhead Equip	401			\$	32,000.00				\$	-	\$	32,000
-Production Casing/Liner Wellhead Equip -Tubing Wellhead Equip	402			\$	253,000.00				\$		\$	253,000
D-Wellhead Equip C-Tubing C-Wellhead Equip	403			\$	628,000.00				\$		\$	628,000
-Tubing -Wellhead Equip	405			S	115,000.00				\$		\$	115,000
-Wellhead Equip	504			y.	5,000.00	\$ 113,000.00			\$		\$	113,000
	505		-			\$ 61,000.00			\$		\$	61,000
	510						\$ 78,000.00		\$		\$	78,000
B-Flowlines/Pipelines	511						\$ 35,000.00		\$		\$	35,000
B-Htr Trtr/Seprtr	512						\$ 251,000.00		\$		\$	251,000
B-Electrical System/Equipment	513						\$ 154,000.00		\$		\$	154,00
-Pckrs/Anchors/Hgrs	514					\$ 142,000.00			\$		\$	142,000
B-Couplings/Fittings/Valves	515						\$ 261,000.00		\$		\$	261,000
B-Pumps-Surface	521						\$ 35,000.00		\$		\$	35,000
B-Instrumentation/SCADA/POC	522						\$ 26,000.00		\$		\$	26,000
B-Miscellaneous	523						\$ 26,000.00		\$		\$	26,000
B-Meters/Lacts	525						\$ 35,000.00		\$		\$	35.000
	526								S		\$	42,000
B-Flares/Combusters/Emission							\$ 42,000.00					
-Gas Lift/Compression	527					\$ 55,000.00			\$		\$	55,00
EQ-Wellhead Equipment	531							\$ 18,000.00	\$		\$	18,00
otal Tangible Costs		5 -	\$	- \$	1,028,000.00	\$ 371,000.00	\$ 943,000.00	\$ 67,000.00	\$	-	\$	2,409,00
		\$ -	\$	- \$	5,071,000.00	\$ 7,702,000.00	\$ 1,234,000.00	\$ 175,000.00	\$	-	\$ 1	14,182,00
Total Tangible Costs  Total Gross Cost  Note: The above costs are estimates only. Actual cos  COG Operating LLC			\$	- \$	1,028,000.00 5,071,000.00		\$ 943,000.00 \$ 1,234,000.00	\$ 67,000.00 \$ 175,000.00	\$	-	\$	2,4
<i>y</i> :			-			•	Date Prepared:  COG Operating LLC	10.25.22				
e approve: % Working Interest							Ву:					
ompany: y:			<del>-</del> -									
inted Name: :le: ute:							This AFE is only an estimate. I your share of the actual costs					

| Well Name | FLAMING SNAIL FED COM 706H | SHL 705 FNL, 1775 FWL OR | BHL 200 FSL, 2490 FWL OR FORMAIN CORE | CONTINUE C OR UNIT C OR UNIT N T25S-R27E T26S-R27E Prospect ATLAS 2527
State & County NEW MEXICO, EDDY
Objective DRILL & COMPLETE
Depth 24,265
TVD 8,925

							TVD	0,523	
Cost Description	Code	PreSpud (PS)	Pre-Set Casing(PC)	Drilling (DR)	Completions (C)	Tank Btty Constrctn(TB)	Pmpq Equip (PEQ)	Revision	Т
ntangible Costs D-Lctn/Pits/Roads	205		1.		T			\$ -	\$ 145,000
D-Drilling Overhead	206			\$ 145,000.00 \$ 11,000.00				\$ - \$ -	\$ 11,000
D-Daywork Contract	209			\$ 789,000.00				\$ -	\$ 789,000
D-Directional Drlg Services	210			\$ 421,000.00				\$ -	\$ 421,000
0-Fuel & Power	211			\$ 136,000.00				\$ -	\$ 136,000
D-Water	212		!	\$ 115,000.00				\$ -	\$ 115,000
D-Bits	213			\$ 145,000.00				\$ -	\$ 145,00
O-Mud & Chemicals	214			\$ 297,000.00				\$ -	\$ 297,000
O-Cement Surface	217			\$ 29,000.00				\$ -	\$ 29,000
D-Cement Intermed	218			\$ 114,000.00				\$ -	\$ 114,000
D-Prod-2nd Int Cmt	219 221			\$ 168,000.00				\$ - \$ -	\$ 168,000 \$ 92,000
D-Float Equipment & Centralizers	222			\$ 92,000.00 \$ 99,000.00					
D-Csg Crews & Equip D-Contract Labor	225			\$ 99,000.00 \$ 10,000.00				\$ - \$ -	\$ 99,000 \$ 10,000
D-Company Sprvsn	226			\$ 66,000.00				\$ -	\$ 66,00
D-Contract Sprvsn	227			\$ 165,000.00				\$ -	\$ 165,000
O-Tstg Csg/Tbg	228		:	\$ 61,000.00				\$ -	\$ 61,000
D-Mud Logging Unit	229			\$ 61,000.00				\$ -	\$ 61,000
D-Rentals-Surface	235		!	\$ 256,000.00				\$ -	\$ 256,000
D-Rentals-Subsrfc	236			\$ 119,000.00				\$ -	\$ 119,000
O-Trucking/Forklift/Rig Mob	237			\$ 244,000.00				\$ -	\$ 244,000
D-Welding Services	238			\$ 5,000.00				\$ -	\$ 5,000
D-Contingency	243			\$ 92,000.00				\$ -	\$ 92,000
D-Envrnmtl/Clsd Loop	244 304			\$ 403,000.00	¢ 200.05			\$ - \$ -	\$ 403,000 \$ 209,000
C-Wellbore Frac Prep C-Lctn/Pits/Roads	305				\$ 209,000.00 \$ 22,000.00			\$ - \$ -	\$ 209,000 \$ 22,000
C-Completion OH	306				\$ 22,000.00			\$ -	\$ 33,000
C-Frac Equipment	307				\$ 1,430,000.00			\$ -	\$ 1,430,00
C-Frac Chemicals	308				\$ 906,000.00			\$ -	\$ 906,00
C-Frac Proppant	309	_			\$ 411,000.00			\$ -	\$ 411,00
C-Frac Proppant Transportation	310				\$ 639,000.00			\$ -	\$ 639,00
C-Fuel Delivery & Services	311				\$ 92,000.00			\$ -	\$ 92,00
C-Water	312				\$ 604,000.00			\$ -	\$ 604,000
C-Frac Surface Rentals	315				\$ 570,000.00			\$ -	\$ 570,000
C-Contract Labor	325				\$ 22,000.00			\$ -	\$ 22,000
C-Company Sprvsn	326				\$ 22,000.00			\$ -	\$ 22,000
C-Contract Sprvsn	327				\$ 305,000.00			\$ -	\$ 305,000
C-Artificial Lift Install C-Perf/Wireline Svc	329 331				\$ 98,000.00			\$ -	\$ 98,000 \$ 702,000
C-Trucking/Forklift/Rig Mob	337				\$ 702,000.00 \$ 22,000.00			\$ -	\$ 702,000 \$ 22,000
C-Water Disposal	339				\$ 22,000.00 \$ 87,000.00			\$ -	\$ 87,000
C-Contingency	343				\$ 163,000.00			\$ -	\$ 163,000
C-Dyed Diesel	345				\$ 342,000.00			\$ -	\$ 342,000
C-Drillout	346				\$ 652,000.00			\$ -	\$ 652,000
FB-Damages/Right of Way	351					\$ 2,000.00		\$ -	\$ 2,000
FB-Location/Pits/Roads	353					\$ 45,000.00		\$ -	\$ 45,000
FB-Contract Labor	356					\$ 244,000.00		\$ -	\$ 244,000
PEQ-Contract Labor	374						\$ 18,000.00	\$ -	\$ 18,000
PEQ-Water Disposal	387						\$ 81,000.00	\$ -	\$ 81,000
PEQ-HRZ Well Offset Frac	391						\$ 9,000.00	\$ -	\$ 9,000
Total Intangible Costs	1	\$ -  \$	-	\$ 4,043,000.00	\$ 7,331,000.00	\$ 291,000.00	\$ 108,000.00	\$ -	\$ 11,773,000
Fangible Costs									
PEQ-Flowback Crews & Equip									
	392				I		\$ 49,000,00	ls -	\$ 49,000
2-Surface Casing	392 401			\$ 32,000,00			\$ 49,000.00		
D-Surface Casing D-Intermed Csg	401			\$ 32,000.00 \$ 253,000.00			\$ 49,000.00	\$ -	\$ 32,000
O-Intermed Csg				\$ 253,000.00			\$ 49,000.00	\$ -	\$ 32,000 \$ 253,000
	401 402 403 405			\$ 253,000.00			\$ 49,000.00	\$ - \$ -	\$ 32,000 \$ 253,000 \$ 628,000 \$ 115,000
D-Intermed Csg D-Production Casing/Liner D-Wellhead Equip C-Tubing	401 402 403 405 504			\$ 253,000.00 \$ 628,000.00	\$ 113,000.00		\$ 49,000.00	\$ - \$ - \$ - \$ -	\$ 32,000 \$ 253,000 \$ 628,000 \$ 115,000 \$ 113,000
O-intermed Csg O-Production Casing/Liner O-Wellhead Equip C-Tubing C-Wellhead Equip	401 402 403 405 504			\$ 253,000.00 \$ 628,000.00	\$ 113,000.00 \$ 61,000.00		\$ 49,000.00	\$ - \$ - \$ - \$ - \$ -	\$ 32,000 \$ 253,000 \$ 628,000 \$ 115,000 \$ 113,000 \$ 61,000
D-Intermed Csg D-Production Casing/Liner D-Wellhead Equip C-Tubing C-Wellhead Equip IB-Tanks	401 402 403 405 504 505 510			\$ 253,000.00 \$ 628,000.00		\$ 78,000.00	\$ 49,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 32,00 \$ 253,00 \$ 628,00 \$ 115,00 \$ 113,00 \$ 61,00 \$ 78,00
O-Intermed Csg O-Production Casing/Liner O-Wellhead Equip C-TubingWellhead Equip B-Tanks B-Tanks B-Flowlines/Pipelines	401 402 403 405 504 505 510			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00	\$ 49,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 32,000 \$ 253,000 \$ 628,000 \$ 115,000 \$ 113,000 \$ 61,000 \$ 78,000 \$ 35,000
O-Intermed Csg -Production Casing/Liner -Production Equip -Tubing -Tubing -Wellhead Equip -B-Tanks	401 402 403 405 504 505 510 511 512			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00	\$ 49,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 32,00 \$ 253,00 \$ 628,00 \$ 115,00 \$ 61,00 \$ 67,00 \$ 78,00 \$ 35,00 \$ 251,00
O-Intermed Csg O-Production Casing/Liner O-Weilhead Equip T-TubingWeilhead Equip IB-Tanks IB-Flowlines/Pipelines IB-Htr Trtr/Seprtr IB-Electrical System/Equipment	401 402 403 405 504 505 510 511 512 513			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00	\$ 49,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 32,00 \$ 253,00 \$ 628,00 \$ 115,00 \$ 113,00 \$ 61,00 \$ 78,00 \$ 35,00 \$ 251,00 \$ 154,00
D-Intermed Csg D-Production Casing/Liner D-Weilhead Equip T-Tubing Weilhead Equip B-Tanks B-B-Tanks B-B-Towlines/Pipelines B-Het Trtr/Seprtr B-Betextral System/Equipment D-Peters/Anchors/Hgrs	401 402 403 405 504 505 510 511 512 513			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00	\$ 45,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 32,00 \$ 253,00 \$ 628,00 \$ 115,00 \$ 113,00 \$ 61,00 \$ 78,00 \$ 35,00 \$ 251,00 \$ 154,00 \$ 142,00
O-Intermed Csg D-Production Casing/Liner D-Weilhead Equip T-Tubing B-Tubing B-Tanks B-Flowlines/Pipelines B-Howlines/Pipelines B-Hetr Trrt/Septr B-Electrical System/Equipment D-Pckrs/Anchors/Hgrs B-Couplings/Fittings/Valves	401 402 403 405 504 505 510 511 512 513 514 515			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00	\$ 49,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 32,000 \$ 253,000 \$ 628,000 \$ 115,000 \$ 113,000 \$ 78,000 \$ 35,000 \$ 251,000 \$ 154,000 \$ 142,000 \$ 261,000
D-Intermed Csg P-Production Casing/Liner D-Weilhead Equip T-tubing Weilhead Equip TB-Tanks TB-Tanks TB-Flowlines/Pipelines TB-HT Intr/Septrt TB-Ricktrical System/Equipment T-Pckrs/Anchors/Hgrs TB-Couplings/Fittings/Valves TB-Pumps-Syntace	401 402 403 405 504 505 510 511 512 513 514 515 521			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00	\$ 49,000.00	\$	\$ 32,000 \$ 253,000 \$ 115,000 \$ 113,000 \$ 61,000 \$ 78,000 \$ 35,000 \$ 154,000 \$ 142,000 \$ 261,000 \$ 261,000
O-Intermed Csg D-Production Casing/Liner D-Weilhead Equip T-Tubing B-Tubing B-Tanks B-Flowlines/Pipelines B-Howlines/Pipelines B-Hetr Trrt/Septr B-Electrical System/Equipment D-Pckrs/Anchors/Hgrs B-Couplings/Fittings/Valves	401 402 403 405 504 505 510 511 512 513 514 515			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00	\$ 49,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 32,000 \$ 253,000 \$ 115,000 \$ 113,000 \$ 78,000 \$ 78,000 \$ 251,000 \$ 154,000 \$ 142,000 \$ 261,000 \$ 35,000 \$ 12,000 \$ 12,
D-Intermed Csg D-Production Casing/Liner D-Production Casing/Liner D-Production Casing/Liner D-Production Casing/Liner D-Production Casing/Liner D-Production Casing/D-Production D-Production D-Production Casing/D-Production D-Produ	401 402 403 405 504 505 510 511 512 513 514 515 521			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00	\$ 49,000.00	\$	\$ 32,000 \$ 253,000 \$ 115,000 \$ 113,000 \$ 61,000 \$ 78,000 \$ 35,000 \$ 154,000 \$ 142,000 \$ 261,000 \$ 261,000
D-Intermed Csg P-Production Casing/Liner D-Weilhead Equip T-tubing Weilhead Equip TB-Tanks TB-Tanks TB-Tanks TB-Towlines/Pipelines TB-Htr Ttr/Seprtr TB-Htr Ttr/Seprtr TB-Electrical System/Equipment D-Pckrs/Anchors/Hgs TB-Couplings/Httings/Valves TB-Umps-Surface TB-Instrumentation/SCADA/PDC TB-Miscellaneous	401 402 403 405 504 505 510 511 512 513 514 515 521 522 522			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00 \$ 26,000.00	\$ 45,000.00	\$	\$ 32,000 \$ 253,000 \$ 115,000 \$ 113,000 \$ 78,000 \$ 78,000 \$ 251,000 \$ 154,000 \$ 261,000 \$ 261,000
D-Intermed Csg D-Production Casing/Liner D-Wellhead Equip T-Tubing H-Branks HB-Tanks HB-Tanks HB-Towlines/Pipelines HB-Howlines/Pipelines HB-Hewritz-al System/Equipment T-Pekrs/Anchors/Hgrs HB-Couplings/Fittings/Valves HB-Ungs-Surface HB-Ungs-Surface HB-Hewritz-Acade HB-History-Acade HB-History-Acade HB-History-Acade HB-History-Acade HB-History-Acade HB-Meters/Lacts	401 402 403 405 504 505 510 511 512 513 514 515 521 522 523 523			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00 \$ 35,000.00 \$ 35,000.00	\$ 49,000.00	\$	\$ 32,000 \$ 253,000 \$ 125,000 \$ 115,000 \$ 113,000 \$ 78,000 \$ 78,000 \$ 35,000 \$ 154,000 \$ 142,000 \$ 261,000 \$ 265,000 \$ 35,000 \$ 35
D-Intermed Csg D-Production Casing/Liner D-Wellhead Equip D-Wellhead Equip D-Wellhead Equip D-B-Tanks D-B-Tanks D-B-Tanks D-B-Townies/Pipelines D-B-HT TIT/Septrt D-B-Ickertical System/Equipment D-Pickrs/Anchors/Hgrs B-Ecutrical System/Equipment D-Pickrs/Anchors/Hgrs B-D-Suprings/Titlengs/Valves D-Pickrs/Anchors/Hgrs D-B-Unglings/Titlengs/Valves D-Pickrs/Anchors/Hgrs D-B-Misselfaneous D-B-Misselfaneous D-B-Misselfaneous D-B-Misselfaneous D-B-Misselfaneous D-B-Misselfaneous D-B-Misselfaneous	401 402 403 405 504 505 510 511 512 513 514 515 521 522 523 525 526			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00 \$ 26,000.00 \$ 35,000.00 \$ 42,000.00	\$ 49,000.00	\$ \$	\$ 32,000 \$ 253,000 \$ 628,000 \$ 115,000 \$ 115,000 \$ 61,000 \$ 78,000 \$ 251,000 \$ 251,000 \$ 154,000 \$ 261,000 \$ 261,000 \$ 260,000 \$ 260,000 \$ 260,000 \$ 260,000 \$ 260,000 \$ 260,000 \$ 260,000 \$ 260,000 \$ 35,000 \$ 260,000 \$ 260,000 \$ 35,000 \$
D-Intermed Csg D-Production Casing/Liner D-Weilhead Equip T-Tubing Weilhead Equip T-Tubing H-Tankin H-	401 402 403 405 504 505 510 511 512 513 514 515 521 522 523 525 526 527	\$ - \$		\$ 253,000.00 \$ 628,000.00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00 \$ 26,000.00 \$ 35,000.00 \$ 42,000.00		\$   \$	\$ 32,000 \$ 253,000 \$ 115,000 \$ 115,000 \$ 115,000 \$ 61,000 \$ 35,000 \$ 251,000 \$ 142,000 \$ 35,000 \$ 36,000 \$ 36,0
D-Intermed Csg D-Production Casing/Liner D-Wellhead Equip D-Wellhead Equipment Cotal Tangible Costs	401 402 403 405 504 505 510 511 512 513 514 515 522 522 523 525 527 531			\$ 253,000,00 \$ 628,000,00 \$ 115,000,00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 35,000,00 \$ 251,000,00 \$ 154,000,00 \$ 261,000,00 \$ 35,000,00 \$ 26,000,00 \$ 26,000,00 \$ 35,000,00 \$ 42,000,00 \$ 9 3,000,00	\$ 18,000.00 \$ 67,000.00	\$	\$ 32,00 \$ 253,00 \$ 628,00 \$ 113,00 \$ 113,00 \$ 61,00 \$ 78,00 \$ 35,00 \$ 125,00 \$ 142,00 \$ 261,00 \$ 261,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 26,00 \$ 35,00 \$ 26,00 \$ 35,00 \$ 35,0
-Intermed Csg -Production Casing/Liner -Production Casing/Liner -Production Casing/Liner -Production Casing/Liner -Published Equip	401 402 403 405 504 505 510 511 512 513 514 515 521 522 523 525 526 527	s -   s		\$ 253,000,00 \$ 628,000,00 \$ 115,000,00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 35,000,00 \$ 251,000,00 \$ 154,000,00 \$ 261,000,00 \$ 35,000,00 \$ 26,000,00 \$ 26,000,00 \$ 35,000,00 \$ 42,000,00 \$ 9 3,000,00	\$ 18,000.00 \$ 67,000.00	\$	\$ 32,00 \$ 253,00 \$ 628,00 \$ 113,00 \$ 113,00 \$ 61,00 \$ 78,00 \$ 35,00 \$ 142,00 \$ 261,00 \$ 261,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 35,00 \$ 26,00 \$ 35,00 \$ 26,00 \$ 35,00 \$ 35,00
D-Intermed Csg D-Production Casing/Liner D-Wellhead Equip D-Wellhead Equipment Cotal Tangible Costs	401 402 403 405 504 505 510 511 512 513 514 515 521 522 523 525 526 527	s -   s		\$ 253,000,00 \$ 628,000,00 \$ 115,000,00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 35,000,00 \$ 251,000,00 \$ 154,000,00 \$ 261,000,00 \$ 35,000,00 \$ 26,000,00 \$ 26,000,00 \$ 35,000,00 \$ 42,000,00 \$ 9 3,000,00	\$ 18,000.00 \$ 67,000.00	\$	\$ 32,000 \$ 253,000 \$ 628,000 \$ 113,000 \$ 113,000 \$ 78,000 \$ 35,000 \$ 35,000 \$ 142,000 \$ 261,000 \$ 261,000 \$ 265,000 \$ 265,000 \$ 265,000 \$ 265,000 \$ 265,000 \$ 265,000 \$ 35,000 \$ 265,000 \$ 265,000 \$ 265,000 \$ 35,000 \$ 265,000 \$ 265,000 \$ 35,000 \$ 35,000 \$ 265,000 \$ 265,000 \$ 35,000 \$ 35,000 \$ 35,000 \$ 265,000 \$ 35,000 \$ 35,000
D-Intermed Csg P-Production Casing/Liner P-Production Casing/P-Production P-Production P-Production Casing/P-Production P-Production P-P	401 402 403 405 504 505 510 511 512 513 514 515 521 522 523 525 526 527	s -   s		\$ 253,000,00 \$ 628,000,00 \$ 115,000,00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 35,000,00 \$ 251,000,00 \$ 154,000,00 \$ 261,000,00 \$ 35,000,00 \$ 26,000,00 \$ 26,000,00 \$ 35,000,00 \$ 42,000,00 \$ 9 3,000,00	\$ 18,000.00 \$ 67,000.00	\$	\$ 32,000 \$ 253,000 \$ 628,000 \$ 113,000 \$ 113,000 \$ 78,000 \$ 78,000 \$ 251,000 \$ 251,000 \$ 261,000 \$ 35,000 \$ 3
-Intermed Csg -Production Casing/Liner -Production Casing/Liner -Production Casing/Liner -Production Casing/Liner -Published Equip	401 402 403 405 504 505 510 511 512 513 514 515 521 522 523 525 526 527	s -   s		\$ 253,000,00 \$ 628,000,00 \$ 115,000,00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 35,000,00 \$ 251,000,00 \$ 154,000,00 \$ 261,000,00 \$ 35,000,00 \$ 26,000,00 \$ 26,000,00 \$ 35,000,00 \$ 42,000,00 \$ 9 3,000,00	\$ 18,000.00 \$ 67,000.00	\$	\$ 32,000 \$ 253,000 \$ 628,000 \$ 113,000 \$ 113,000 \$ 78,000 \$ 35,000 \$ 35,000 \$ 142,000 \$ 261,000 \$ 261,000 \$ 265,000 \$ 265,000 \$ 265,000 \$ 265,000 \$ 265,000 \$ 265,000 \$ 35,000 \$ 265,000 \$ 265,000 \$ 265,000 \$ 35,000 \$ 265,000 \$ 265,000 \$ 35,000 \$ 35,000 \$ 265,000 \$ 265,000 \$ 35,000 \$ 35,000 \$ 35,000 \$ 265,000 \$ 35,000 \$ 35,000
D-Intermed Csg D-Production Casing/Liner D-Wellhead Equip D-Wellhead Equip D-Wellhead Equip D-Wellhead Equip D-Wellhead Equip D-Wellhead Equip B-Harnks B-Harnks B-Harnks B-Harnks B-Hellerinks B-Hellerinks B-Hellerinks B-Hellerinks B-Pekers/Anchors/Hgrs B-Pumps-Surface B-Musp-Surface B-Musp-Surface B-Musp-Surface B-Musp-Surface B-Historumentation/SCADA/POC B-Miscellaneous B-Meters/Lacts B-Miscelaneous B-Meters/Lacts B-Miscelaneous B-Meters/Lacts B-Histers/Combusters/Emission G-Gas Lift/Compression FCE-Wellhead Equipment Total Tangible Costs Total Gross Cost Note: The above costs are estimates only.	401 402 403 405 504 505 510 511 512 513 514 515 521 522 523 525 526 527	s -   s		\$ 253,000,00 \$ 628,000,00 \$ 115,000,00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00 \$ 26,000.00 \$ 42,000.00 \$ 34,000.00 \$ 1,234,000.00	\$ 18,000.00 \$ 67,000.00 \$ 175,000.00	\$	\$ 32,00 \$ 253,00 \$ 628,00 \$ 113,00 \$ 113,00 \$ 61,00 \$ 78,00 \$ 35,00 \$ 125,00 \$ 142,00 \$ 261,00 \$ 261,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 35,00 \$ 26,00 \$ 35,00 \$ 35,0
D-Intermed Csg P-Production Casing/Liner P-Production Casing/P-Production P-Production P-Production Casing/P-Production P-Production P-P	401 402 403 405 504 505 510 511 512 513 514 515 521 522 523 525 526 527	s -   s		\$ 253,000,00 \$ 628,000,00 \$ 115,000,00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00 \$ 26,000.00 \$ 42,000.00 \$ 34,000.00 \$ 1,234,000.00	\$ 18,000.00 \$ 67,000.00	\$	\$ 32,000 \$ 253,000 \$ 628,000 \$ 113,000 \$ 113,000 \$ 78,000 \$ 35,000 \$ 35,000 \$ 142,000 \$ 261,000 \$ 261,000 \$ 265,000 \$ 265,000 \$ 265,000 \$ 265,000 \$ 265,000 \$ 265,000 \$ 35,000 \$ 265,000 \$ 265,000 \$ 265,000 \$ 35,000 \$ 265,000 \$ 265,000 \$ 35,000 \$ 35,000 \$ 265,000 \$ 265,000 \$ 35,000 \$ 35,000 \$ 35,000 \$ 265,000 \$ 35,000 \$ 35,000
D-Intermed Csg D-Production Casing/Liner D-Wellhead Equip D-Wellhead Equip D-Wellhead Equip D-Wellhead Equip D-Wellhead Equip D-Wellhead Equip B-Harnks B-Harnks B-Harnks B-Harnks B-Hellerinks B-Hellerinks B-Hellerinks B-Hellerinks B-Pekers/Anchors/Hgrs B-Pumps-Surface B-Musp-Surface B-Musp-Surface B-Musp-Surface B-Musp-Surface B-Historumentation/SCADA/POC B-Miscellaneous B-Meters/Lacts B-Miscelaneous B-Meters/Lacts B-Miscelaneous B-Meters/Lacts B-Histers/Combusters/Emission G-Gas Lift/Compression FCE-Wellhead Equipment Total Tangible Costs Total Gross Cost Note: The above costs are estimates only.	401 402 403 405 504 505 510 511 512 513 514 515 521 522 523 525 526 527	s -   s		\$ 253,000,00 \$ 628,000,00 \$ 115,000,00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00 \$ 26,000.00 \$ 42,000.00 \$ 34,000.00 \$ 1,234,000.00	\$ 18,000.00 \$ 67,000.00 \$ 175,000.00	\$	\$ 32,00 \$ 253,00 \$ 628,00 \$ 113,00 \$ 113,00 \$ 61,00 \$ 78,00 \$ 35,00 \$ 125,00 \$ 142,00 \$ 261,00 \$ 261,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 35,00 \$ 26,00 \$ 35,00 \$ 35,0
D-Intermed Csg D-Production Casing/Liner D-Wellhead Equip D-Wellhead Equip D-Wellhead Equip D-Wellhead Equip D-Wellhead Equip D-Wellhead Equip B-Harnks B-Harnks B-Harnks B-Harnks B-Hellerinks B-Hellerinks B-Hellerinks B-Hellerinks B-Pickers B-Wellhead Equipment D-Pickers B-Marnks B-Pumps-Surface B-Miscellaneous B-Meters/Jacts B-Miscelaneous B-Miscelaneous B-Meters/Jacts B-Miscelaneous B-Miscel	401 402 403 405 504 505 510 511 512 513 514 515 521 522 523 525 526 527	s -   s		\$ 253,000,00 \$ 628,000,00 \$ 115,000,00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 35,000,00 \$ 251,000,00 \$ 154,000,00 \$ 261,000,00 \$ 35,000,00 \$ 26,000,00 \$ 26,000,00 \$ 42,000,00 \$ 943,000,00 \$ 1,234,000,00	\$ 18,000.00 \$ 67,000.00 \$ 175,000.00	\$	\$ 32,00 \$ 253,00 \$ 628,00 \$ 113,00 \$ 113,00 \$ 61,00 \$ 78,00 \$ 35,00 \$ 142,00 \$ 261,00 \$ 261,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 35,00 \$ 26,00 \$ 35,00 \$ 26,00 \$ 35,00 \$ 35,00
D-Intermed Csg P-Production Casing/Liner D-Weilhead Equip T-Tubing Weilhead Equip B-Tanks B-B-Tanks B-B-Tanks B-B-Towlines/Pipelines B-Hr Trrt/Seprtr B-Her Trrt/Seprtr B-B-Icurial System/Equipment T-Pckrs/Anchors/Hgs B-B-Lecrial System/Equipment T-Pckrs/Anchors/Hgs B-B-Unpins/Fittings/Valves B-B-Unpins/Fittings/Valves B-B-Unpins/Fittings/Valves B-B-Unpins-Surface B-B-Instrumentation/SCADA/POC B-B-Instrumentation/SCADA/POC B-B-Instrumentation/SCADA/POC B-B-Instrumentation/SCADA/POC B-B-Instrumentation/SCADA/POC B-B-Instrumentation/SCADA/POC B-B-Instrumentation/SCADA/POC B-Instrumentation/SCADA/POC B-Instrumentat	401 402 403 405 504 505 510 511 512 513 514 515 521 522 523 525 526 527	s -   s		\$ 253,000,00 \$ 628,000,00 \$ 115,000,00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00 \$ 7,702,000.00	\$ 35,000,00 \$ 251,000,00 \$ 154,000,00 \$ 261,000,00 \$ 35,000,00 \$ 26,000,00 \$ 26,000,00 \$ 42,000,00 \$ 943,000,00 \$ 1,234,000,00	\$ 18,000.00 \$ 67,000.00 \$ 175,000.00	\$	\$ 32,00 \$ 253,00 \$ 628,00 \$ 113,00 \$ 113,00 \$ 61,00 \$ 78,00 \$ 35,00 \$ 125,00 \$ 142,00 \$ 261,00 \$ 261,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 35,00 \$ 26,00 \$ 35,00 \$ 35,0
D-Intermed Csg D-Production Casing/Liner D-Wellhead Equip	401 402 403 405 504 505 510 511 512 513 514 515 521 522 523 525 526 527	s -   s		\$ 253,000,00 \$ 628,000,00 \$ 115,000,00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00 \$ 7,702,000.00	\$ 35,000,00 \$ 251,000,00 \$ 154,000,00 \$ 261,000,00 \$ 35,000,00 \$ 26,000,00 \$ 26,000,00 \$ 42,000,00 \$ 342,000,00 \$ 1,234,000,00  Date Prepared:  COG Operating LLC	\$ 18,000.00 \$ 67,000.00 \$ 175,000.00	\$	\$ 32,00 \$ 253,00 \$ 628,00 \$ 113,00 \$ 113,00 \$ 61,00 \$ 78,00 \$ 35,00 \$ 125,00 \$ 142,00 \$ 261,00 \$ 261,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 35,00 \$ 26,00 \$ 35,00 \$ 35,0
D-Intermed Csg D-Production Casing/Liner D-Wellhead Equip	401 402 403 405 504 505 510 511 512 513 514 515 521 522 523 525 526 527	s -   s		\$ 253,000,00 \$ 628,000,00 \$ 115,000,00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00 \$ 7,702,000.00	\$ 35,000,00 \$ 251,000,00 \$ 154,000,00 \$ 261,000,00 \$ 35,000,00 \$ 26,000,00 \$ 26,000,00 \$ 42,000,00 \$ 342,000,00 \$ 1,234,000,00  Date Prepared:  COG Operating LLC	\$ 18,000.00 \$ 67,000.00 \$ 175,000.00	\$	\$ 32,00 \$ 253,00 \$ 628,00 \$ 113,00 \$ 113,00 \$ 61,00 \$ 78,00 \$ 35,00 \$ 125,00 \$ 142,00 \$ 261,00 \$ 261,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 35,00 \$ 26,00 \$ 35,00 \$ 35,0
D-Intermed Csg P-Production Casing/Liner D-Weilhead Equip T-Tubing Weilhead Equip B-Taubing B-Ta	401 402 403 405 504 505 510 511 512 513 514 515 521 522 523 525 526 527	s -   s		\$ 253,000,00 \$ 628,000,00 \$ 115,000,00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00 \$ 7,702,000.00	\$ 35,000,00 \$ 251,000,00 \$ 154,000,00 \$ 261,000,00 \$ 35,000,00 \$ 26,000,00 \$ 26,000,00 \$ 42,000,00 \$ 342,000,00 \$ 1,234,000,00  Date Prepared:  COG Operating LLC	\$ 18,000.00 \$ 67,000.00 \$ 175,000.00	\$	\$ 32,000 \$ 253,000 \$ 628,000 \$ 113,000 \$ 113,000 \$ 78,000 \$ 35,000 \$ 35,000 \$ 142,000 \$ 261,000 \$ 261,000 \$ 265,000 \$ 265,000 \$ 265,000 \$ 265,000 \$ 265,000 \$ 265,000 \$ 35,000 \$ 265,000 \$ 265,000 \$ 265,000 \$ 35,000 \$ 265,000 \$ 265,000 \$ 35,000 \$ 35,000 \$ 265,000 \$ 265,000 \$ 35,000 \$ 35,000 \$ 35,000 \$ 265,000 \$ 35,000 \$ 35,000
D-Intermed Csg D-Production Casing/Liner D-Wellhead Equip D-Wellhead Equip D-Wellhead Equip D-Wellhead Equip B-Tanks B-B-Tanks B-B-Tanks B-B-Towlines/Pipelines B-H-HT Trt/Septrt B-HE-Willen/System/Equipment D-Pckrs/Anchors/Hgrs B-Pumps-Surface B-Pumps-Surface B-Pumps-Surface B-Pumps-Surface B-Pinstrumentation/SCADA/POC B-Miscellaneous B-Miscellaneo	401 402 403 405 504 505 510 511 512 513 514 515 521 522 523 525 526 527	s -   s		\$ 253,000,00 \$ 628,000,00 \$ 115,000,00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00 \$ 7,702,000.00	\$ 35,000,00 \$ 251,000,00 \$ 154,000,00 \$ 261,000,00 \$ 35,000,00 \$ 26,000,00 \$ 26,000,00 \$ 42,000,00 \$ 342,000,00 \$ 1,234,000,00  Date Prepared:  COG Operating LLC	\$ 18,000.00 \$ 67,000.00 \$ 175,000.00	\$	\$ 32,00 \$ 253,00 \$ 628,00 \$ 113,00 \$ 113,00 \$ 61,00 \$ 78,00 \$ 35,00 \$ 125,00 \$ 142,00 \$ 261,00 \$ 261,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 35,00 \$ 26,00 \$ 26,00 \$ 26,00 \$ 35,00 \$ 35,00 \$ 26,00 \$ 35,00 \$ 35,0
Pirroduction Casing/Liner Pirroduction Pirro	401 402 403 405 504 505 510 511 512 513 514 515 521 522 523 525 526 527	s -   s		\$ 253,000,00 \$ 628,000,00 \$ 115,000,00	\$ 142,000.00 \$ 142,000.00 \$ 55,000.00 \$ 7,702,000.00	\$ 35,000,00 \$ 251,000,00 \$ 154,000,00 \$ 261,000,00 \$ 35,000,00 \$ 26,000,00 \$ 26,000,00 \$ 42,000,00 \$ 342,000,00 \$ 1,234,000,00  Date Prepared:  COG Operating LLC	\$ 18,000.00 \$ 67,000.00 \$ 175,000.00	\$	\$ 32,00 \$ 253,00 \$ 628,00 \$ 113,00 \$ 113,00 \$ 61,00 \$ 78,00 \$ 35,00 \$ 35,00 \$ 251,00 \$ 261,00 \$ 261,00 \$ 262,00 \$ 263,00 \$ 263,00

T25S-R27E

T26S-R27E

Well Name FLAMING SNAIL FED COM 707H

 SHL
 705 FNL, 1745 FWL
 OR UNIT C

 BHL
 200 FSL, 2005 FWL
 OR UNIT N

 mation
 WOLFCAMP

 Logal
 ALL SECS 28 & 33, 25S-27E & ALL SEC 4, 26S-27E

Prospect ATLAS 2527
State & County NEW MEXICO, EDDY
Objective DRILL & COMPLETE
Depth 24,265
TVD 8,925

Cost Description
Intangible Costs
D-Lctn/Pits/Roads Pmpq Equip (PEQ) Total Code PreSpud (PS) Pre-Set Casing(PC) Drilling (DR) Completions (C) Tank Btty Constrctn(TB) Revision 145,000.00 205 145,000.00 D-Drilling Overhead 206 209 11,000.00 11,000.00 D-Daywork Contract 789,000.00 789,000.00 D-Directional Drlg Services 210 421,000.00 421,000.00 211 212 213 145,000.00 D-Mud & Chemicals 214 217 297,000.00 297,000.00 D-Cement Intermed 218 114,000.00 D-Prod-2nd Int Cmt
D-Float Equipment & Centralize
D-Csg Crews & Equip 168,000.00 92,000.00 99,000.00 Contract Labo 225 226 10.000.00 D-Company Sprvsn 66,000.00 227 228 229 235 165,000.00 61,000.00 61,000.00 )-Tstg Csg/Tbg )-Mud Logging Unit 61,000.00 61,000.00 256,000.00 )-Rentals-Surface -Rentals-Subsrf 119.000.00 119,000.00 -Trucking/Forklift/Rig Mob 244.000.00 238 5,000.00 92,000.00 -Contingency 92,000.00 -Envrnmtl/Clsd Loop 244 304 403,000.00 403,000.00 -Wellbore Frac Prep 209,000.00 209,000.00 C-Lctn/Pits/Roads 305 22,000.00 906,000.00 -Frac Proppant 309 310 411,000.00 411,000.00 C-Frac Proppant Transportation 639,000.00 639,000.00 C-Fuel Delivery & Services 311 92,000.00 312 315 325 604,000.00 570,000.00 22,000.00 570,000.00 C-Contract Labor 22,000.00 -Company Sprvsn -Contract Sprvsn 326 327 22.000.00 22,000.00 C-Artificial Lift Install
C-Perf/Wireline Svc
C-Trucking/Forklift/Rig Mob 329 331 337 339 98,000.00 702,000.00 22,000.00 87,000.00 702,000.00 22,000.00 -Water Disposal Contingency 343 163,000.00 163,000.00 C-Dyed Diesel 345 342,000.00 C-Drillout TB-Damages/Right of Way 346 351 652,000.00 2,000.00 45,000.00 2,000.00 TB-Location/Pits/Roads 353 356 45,000.00 TB-Contract Labor 244,000.00 244,000.00 PEQ-Contract Labor 374 18.000.00 \$ 18,000.00 PEQ-Water Disposal PEQ-HRZ Well Offset Fran 11,773,000.00 Total Intangible Costs Tangible Costs PEQ-Flowback Crews & Equip D-Surface Casing D-Intermed Csg 392 401 402 49,000.00 49,000.00 32,000.00 253,000.00 628,000.00 32,000.00 253,000.00 628,000.00 403 D-Production Casing/Liner -Wellhead Equip 405 504 115,000.00 113.000.00 -Tubing 113,000.00 C-Young
C-Wellhead Equip
TB-Tanks
TB-Flowlines/Pipelines 505 510 511 61,000.00 78,000.00 35,000.00 251,000.00 TB-Htr Trtr/Seprtr 251,000.00 TB-Electrical System/Equipment 513 514 154,000.00 154,000.00 142.000.00 142,000.00 TB-Couplings/Fittings/Valves TB-Pumps-Surface 515 521 261,000.00 35,000.00 261,000.00 35,000.00 TB-Instrumentation/SCADA/POC 522 523 26,000.00 26,000.00 TB-Miscellaneous 26,000.00 26,000.00 TB-Meters/Lacts 525 35,000.00 35,000.00 531 **Total Tangible Co** 2,409,000.00 Total Gross Cost 1,234,000.00 \$ \$ 14,182,000.00 5,071,000.00 \$ 7,702,000.00 \$ 175,000.00 \$ \$ Note: The above costs are estimates only. Actual costs will be billed as incurred. COG Operating LLC By: Date Prepared: 10.25.22 COG Operating LLC % Working Interest Company: Printed Name: Title: This AFE is only an estimate. By signing you agree to pay

your share of the actual costs incurred

T25S-R27E T26S-R27E

| Well Name | FLAMING SNAIL FED COM 708H | SHL 705 FNL, 1715 FWL OR | BHL 200 FSL, 1520 FWL OR Formation | WOLFCAMP | Legal | ALL SECS 28 & 33, 255-27E & ALL SEC 4, 265-27E | OR UNIT C OR UNIT N

ost Description	Code	PreSpud (PS)	Pre-Set Casing(PC)	Drilling (DR)	Completions (C)	Tank Btty Constrctn(TB)	Pmpq Equip (PEQ)	Revision	Te
ntangible Costs I-Lctn/Pits/Roads	205							•	\$ 145,000
-Lctn/Pits/Roads -Drilling Overhead	205			\$ 145,000.00 \$ 11,000.00				\$ -	\$ 11,000
D-Daywork Contract	209			\$ 789,000.00				\$ -	\$ 789,000
D-Directional Drlg Services	210			\$ 421,000.00				\$ -	\$ 421,000
D-Fuel & Power	211			\$ 136,000.00				\$ -	\$ 136,000
)-Water	212			\$ 115,000.00				\$ -	\$ 115,000
)-Bits	213			\$ 145,000.00				\$ -	\$ 145,000
O-Mud & Chemicals	214			\$ 297,000.00				\$ -	\$ 297,000
D-Cement Surface	217			\$ 29,000.00				\$ -	\$ 29,000
D-Cement Intermed	218			\$ 114,000.00				\$ -	\$ 114,000
D-Prod-2nd Int Cmt	219			\$ 168,000.00				\$ -	\$ 168,000
O-Float Equipment & Centralizers	221			\$ 92,000.00				\$ -	\$ 92,000
O-Csg Crews & Equip	222			\$ 99,000.00				\$ -	\$ 99,000
O-Contract Labor	225			\$ 10,000.00				\$ -	\$ 10,000
O-Company Sprvsn	226			\$ 66,000.00				\$ -	\$ 66,000
D-Contract Sprvsn	227			\$ 165,000.00				\$ -	\$ 165,000
O-Tstg Csg/Tbg	228			\$ 61,000.00				\$ -	\$ 61,000
O-Mud Logging Unit	229			\$ 61,000.00				\$ - \$ -	\$ 61,000
O-Rentals-Surface	235 236			\$ 256,000.00				\$ - \$ -	\$ 256,000 \$ 119,000
D-Rentals-Subsrfc D-Trucking/Forklift/Rig Mob	230			\$ 119,000.00 \$ 244.000.00				\$ -	\$ 244,00
0-Welding Services	238								
D-Weiding Services D-Contingency	243			\$ 5,000.00 \$ 92,000.00				\$ - \$ -	\$ 5,000 \$ 92,000
D-Envrnmtl/Clsd Loop	243			\$ 92,000.00 \$ 403,000.00				\$ -	\$ 403,000
-Wellbore Frac Prep	304			+03,000.00	\$ 209,000.00			\$ -	\$ 209,000
C-Lctn/Pits/Roads	305		+		\$ 209,000.00			\$ -	\$ 209,00
-Completion OH	306				\$ 33,000.00			\$ -	\$ 33,00
-Frac Equipment	307				\$ 1,430,000.00			\$ -	\$ 1,430,00
-Frac Chemicals	308				\$ 906,000.00			\$ -	\$ 906,00
C-Frac Proppant	309				\$ 411,000.00			\$ -	\$ 411,00
C-Frac Proppant Transportation	310				\$ 639,000.00			\$ -	\$ 639,00
C-Fuel Delivery & Services	311				\$ 92,000.00			\$ -	\$ 92,00
C-Water	312				\$ 604,000.00			\$ -	\$ 604,00
C-Frac Surface Rentals	315			•	\$ 570,000.00			\$ -	\$ 570,00
C-Contract Labor	325				\$ 22,000.00			\$ -	\$ 22,000
C-Company Sprvsn	326				\$ 22,000.00			\$ -	\$ 22,000
C-Contract Sprvsn	327				\$ 305,000.00			\$ -	\$ 305,000
-Artificial Lift Install	329				\$ 98,000.00			\$ -	\$ 98,00
-Perf/Wireline Svc	331				\$ 702,000.00			\$ -	\$ 702,00
-Trucking/Forklift/Rig Mob	337				\$ 22,000.00			\$ -	\$ 22,00
C-Water Disposal	339				\$ 87,000.00			\$ -	\$ 87,00
C-Contingency C-Dyed Diesel	343 345				\$ 163,000.00			\$ - \$ -	\$ 163,000
C-Drillout	346				\$ 342,000.00 \$ 652,000.00			\$ -	\$ 342,000 \$ 652,000
FB-Damages/Right of Way	351				\$ 652,000.00	é 0.000.00		\$ -	\$ 2,000
TB-Location/Pits/Roads	353					\$ 2,000.00 \$ 45,000.00		\$ -	\$ 45,000
TB-Contract Labor	356								
						\$ 244,000,00		\$ .	
PEQ-Contract Labor						\$ 244,000.00	\$ 18,000,00	\$ - \$ -	\$ 244,000 \$ 18.000
PEQ-Contract Labor PEQ-Water Disposal	374					\$ 244,000.00	\$ 18,000.00 \$ 81,000.00	\$ -	\$ 18,000
PEQ-Water Disposal						\$ 244,000.00	\$ 81,000.00	\$ -	
PEQ-Water Disposal PEQ-HRZ Well Offset Frac	374 387	\$ -	\$ -	\$ 4,043,000.00	\$ 7,331,000.00		\$ 81,000.00 \$ 9,000.00	\$ - \$ - \$ -	\$ 18,000 \$ 81,000 \$ 9,000
PEQ-Water Disposal PEQ-HRZ Well Offset Frac Total Intangible Costs	374 387	\$ -	\$ -	\$ 4,043,000.00	\$ 7,331,000.00		\$ 81,000.00 \$ 9,000.00	\$ - \$ - \$ -	\$ 18,000 \$ 81,000 \$ 9,000
PEQ-Water Disposal PEQ-HRZ Well Offset Frac Fotal Intangible Costs Fangible Costs	374 387 391	\$ -	\$ -	\$ 4,043,000.00	\$ 7,331,000.00		\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$ - \$ - \$ -	\$ 18,00 \$ 81,00 \$ 9,00 \$ 11,773,00
PEQ-Water Disposal PEQ-HRZ Well Offset Frac Fotal Intangible Costs Fangible Costs PEQ-Flowback Crews & Equip	374 387 391	\$ -			\$ 7,331,000.00		\$ 81,000.00 \$ 9,000.00	\$ - \$ - \$ -	\$ 18,00 \$ 81,00 \$ 9,00 \$ 11,773,00 \$ 49,00
PEQ-Water Disposal PEQ-HRZ Well Offset Frac Fotal Intangible Costs  Fangible Costs PEQ-Flowback Crews & Equip D-Surface Casing	374 387 391 392 401	\$ -		\$ 32,000.00	\$ 7,331,000.00		\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$ - \$ - \$ - \$ -	\$ 18,000 \$ 81,000 \$ 9,000 \$ 11,773,000 \$ 49,000 \$ 32,000
PEQ-Water Disposal  CQ-HRZ Well Offset Frac  Total Intangible Costs  Fangible Costs  Fangible Costs  PEQ-Flowback Crews & Equip  D-Surface Casing  J-Intermed Cg	374 387 391 392 401 402	\$ -		\$ 32,000.00 \$ 253,000.00	\$ 7,331,000.00		\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 18,000 \$ 81,000 \$ 9,000 \$ 11,773,000 \$ 49,000 \$ 32,000 \$ 253,000
PEQ-Water Disposal PEQ-HRZ Well Offset Frac Fotal Intangible Costs Fangible Costs Fangible Costs PEQ-Flowback Crews & Equip S-Surface Casing -Intermed Csg -Production Casing/Liner	374 387 391 391 401 402 403	\$ .		\$ 32,000.00 \$ 253,000.00 \$ 628,000.00	\$ 7,331,000.00		\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 18,000 \$ 81,000 \$ 9,000 \$ 11,773,000 \$ 49,000 \$ 32,000 \$ 253,000 \$ 628,000
PEQ-Water Disposal PEQ-HRZ Well Offset Frac Total Intangible Costs Fangible Costs PEQ-Flowback Crews & Equip Sourface Casing. D-intermed Csg J-Production Casing/Liner	374 387 391 392 401 402 403 405	\$ -		\$ 32,000.00 \$ 253,000.00			\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 18,000 \$ 81,000 \$ 9,000 \$ 11,773,000 \$ 32,000 \$ 253,000 \$ 628,000 \$ 115,000
PEQ-Water Disposal PEQ-HRZ Well Offset Frac Total Intangible Costs Fangible Costs Fangible Costs PEQ-Flowback Crews & Equip	374 387 391 392 401 402 403 405 504	5 -		\$ 32,000.00 \$ 253,000.00 \$ 628,000.00	\$ 113,000.00		\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 18,00 \$ 81,00 \$ 9,00 \$ 11,773,00 \$ 253,00 \$ 628,00 \$ 115,00 \$ 113,00
PEQ-Water Disposal PEQ-HRZ-Well Drisker Fac Fotal Intangible Costs Fangible Costs PEQ-Flowback Crews & Equip Sourface Casing	374 387 391 392 401 402 403 405 504	\$ -		\$ 32,000.00 \$ 253,000.00 \$ 628,000.00		\$ 291,000.00	\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$	\$ 18,00 \$ 81,00 \$ 9,00 \$ 11,773,00 \$ 49,00 \$ 32,00 \$ 253,00 \$ 628,00 \$ 115,00 \$ 113,00 \$ 61,00
#EQ-Water Disposal  FEQ-HRZ Well Offset Frac  fotal Intangible Costs  Fangible Costs  #EQ-Flowback Crews & Equip  Dosurface Casing  -Intermed Csg  -Production Casing/Liner  -Wellhead Equip  -Tubing  -Wellhead Equip  #B-Tanks	374 387 391 392 401 402 403 405 504 505 510	S -		\$ 32,000.00 \$ 253,000.00 \$ 628,000.00	\$ 113,000.00	\$ 291,000.00	\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$	\$ 18,000 \$ 81,000 \$ 9,000 \$ 11,773,000 \$ 32,000 \$ 32,000 \$ 628,000 \$ 115,000 \$ 113,000 \$ 61,000 \$ 78,000
PEC-Water Disposal PEC-HRZ-Well DYRest Frac Fotal Intangible Costs Fangible Costs PEC-Flowback Crews & Equip Sourface Casing -Intermed Csg -Perduction Casing/Liner -Wellhead Equip -Tubing -Wellhead Equip -Hellwilmes/Pipelines	374 387 391 392 401 402 403 405 504 505 510	\$ -		\$ 32,000.00 \$ 253,000.00 \$ 628,000.00	\$ 113,000.00	\$ 291,000.00 \$ 78,000.00 \$ 35,000.00	\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$	\$ 18,000 \$ 81,000 \$ 9,000 \$ 11,773,000 \$ 32,000 \$ 253,000 \$ 113,000 \$ 113,000 \$ 61,000 \$ 78,000 \$ 35,000 \$ 78,000
PEC-Water Disposal PEC-HRZ Well Offset Frac Cotal Intangible Costs  Fangible Costs  FEC-Flowback Crews & Equip Surface Casing -Intermed Csg -Production Casing/Liner -Wellhead Equip -Tanks	374 387 391 392 401 402 403 405 504 505 510	\$ -		\$ 32,000.00 \$ 253,000.00 \$ 628,000.00	\$ 113,000.00	\$ 291,000.00 \$ 78,000.00 \$ 35,000.00 \$ 251,000.00	\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$	\$ 18,00 \$ 81,00 \$ 9,00 \$ 11,773,00 \$ 125,00 \$ 32,00 \$ 253,00 \$ 115,00 \$ 61,00 \$ 61,00 \$ 78,00 \$ 35,00 \$ 5 61,00 \$ 78,00 \$ 35,00 \$ 35,00 \$ 5 61,00 \$ 78,00 \$ 35,00 \$ 5 61,00 \$ 78,00 \$ 5 78
PEC-Water Disposal PEC-HRZ Well Offset Fac Total Intangible Costs  FGL-Flowback Crews & Equip Sourface Casing -Intermed Csg -Perduction Casing/Liner -Wellhead Equip -Tubing -	374 387 391 392 401 402 403 505 510 511 511 512	\$ -		\$ 32,000.00 \$ 253,000.00 \$ 628,000.00	\$ 113,000.00 \$ 61,000.00	\$ 291,000.00 \$ 78,000.00 \$ 35,000.00	\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$	\$ 18,000 \$ 9,000 \$ 11,773,000 \$ 12,73,000 \$ 253,000 \$ 253,000 \$ 113,000 \$ 113,000 \$ 78,000 \$ 35,000 \$ 251,000 \$ 35,000 \$ 154,000
PÉC-Water Disposal  EC-HRZ Well Offset Fac  Total Intangible Costs  Tangible Costs  EC-Flowback Crews & Equip  Sourface Casing  - Derdoutcion Casing/Liner  - Wellhead Equip  - Tubing  B-Tanks  B-Howlines/Pipelines  B-Her Trtr/Septr  B-Belectrical System/Equipment  B-Belectrical System/Equipment	374 387 391 392 401 402 403 505 510 511 511 512	\$ -		\$ 32,000.00 \$ 253,000.00 \$ 628,000.00	\$ 113,000.00	\$ 291,000.00 \$ 78,000.00 \$ 35,000.00 \$ 251,000.00 \$ 154,000.00	\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$	\$ 18,00 \$ 9,00 \$ 11,773,00 \$ 32,00 \$ 32,00 \$ 115,00 \$ 115,00 \$ 610,00 \$ 78,00 \$ 251,00 \$ 115,00 \$ 110,00 \$ 110,00 \$ 110,00 \$ 110,00 \$ 35,00 \$ 150,00 \$ 150,0
PEC-Water Disposal PEC-HRZ Well Dister Fac Total Intangible Costs PEC-FROWAGE Costs PEC-FROWAGE Crews & Equip Sourface Casing -Intermed Csg -Production Casing/Liner -Wellmead Equip -Tubing -Wellmead Equip B-Tanks B-Flowlines/Pipelines B-Htr Trr/Septrt B-Heckrical System/Equipment -Peckrs/Anchors/Hgrs B-Ecuplings/Wells	374 387 391 392 401 402 403 505 510 511 511 512	\$ -		\$ 32,000.00 \$ 253,000.00 \$ 628,000.00	\$ 113,000.00 \$ 61,000.00	\$ 291,000.00 \$ 78,000.00 \$ 35,000.00 \$ 251,000.00 \$ 154,000.00	\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$	\$ 18,00 \$ 81,00 \$ 9,00 \$ 11,773,00 \$ 49,00 \$ 32,00 \$ 628,00 \$ 115,00 \$ 1113,00 \$ 78,00 \$ 35,00 \$ 35,00 \$ 154,00
EG-Water Disposal EG-Har Well Offset Fac Total Intangible Costs  angible Costs EG-Flowback Crews & Equip Sourface Casing Interned Csg P-Production Casing/Liner	374 387 391 392 401 402 403 405 504 505 510 511 511 512 513	\$ -		\$ 32,000.00 \$ 253,000.00 \$ 628,000.00	\$ 113,000.00 \$ 61,000.00	\$ 291,000.00 \$ 78,000.00 \$ 35,000.00 \$ 251,000.00 \$ 261,000.00	\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$	\$ 18,00 \$ 9,00 \$ 11,773,00 \$ 12,00 \$ 32,00 \$ 253,00 \$ 115,00 \$ 78,00 \$ 78,00 \$ 154,00 \$ 154,00 \$ 142,00 \$ 142,00
EG-Water Disposal EG-Har Well Offset Fac Otal Intangible Costs  langible Costs EG-Flowback Crews & Equip Sourface Casing Interned Csg P-Production Casing/Liner P-Weilhead Equip T-Tubing B-Tanks B-Flowlines/Pipelines B-Htr Trt/Seprtr B-Her Trt/Seprtr B-Rectrical System/Equipment P-Pckrs/Anchors/Hgrs B-Couplings/Hittings/Valwes B-Humps-Surface B-Instrumentation/SCADA/POC B-Hisscellaneous	374 3877 391 391 401 402 403 405 504 510 511 512 513 514 515 514	\$ -		\$ 32,000.00 \$ 253,000.00 \$ 628,000.00	\$ 113,000.00 \$ 61,000.00	\$ 291,000.00 \$ 78,000.00 \$ 35,000.00 \$ 2514,000.00 \$ 261,000.00 \$ 35,000.00	\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$	\$ 18,00 \$ 81,00 \$ 9,00 \$ 11,773,00 \$ 32,00 \$ 253,00 \$ 115,00 \$ 61,00 \$ 61,00 \$ 35,00 \$ 125,00 \$ 114,00 \$ 35,00 \$ 142,00 \$ 142,00 \$ 35,00 \$ 35,
PÉC-Water Disposal PÉC-HIZ Well Offset Fac Total Intangible Costs Fangible Costs FÉC-Flowback Crews & Equip Sourface Casing Johntermed Csg Perdouction Casing/Liner Jewellhead Equip Tubing B-Tanks B-Flowlines/Pipelines B-Hri Trt/Seprtr B-Her Trt/Seprtr B-Electrical System/Equipment -Peckrs/Anchors/Hgrs B-Couplings/Hittings/Valwes B-Humps-Surface B-Instrumentation/SCADA/POC B-Hisselmencus	374 3877 391 391 401 402 403 405 505 510 511 511 512 513 513 514 515 521	\$ -		\$ 32,000.00 \$ 253,000.00 \$ 628,000.00	\$ 113,000.00 \$ 61,000.00	\$ 291,000.00 \$ 78,000.00 \$ 35,000.00 \$ 251,000.00 \$ 261,000.00 \$ 261,000.00 \$ 35,000.00 \$ 35,000.00	\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$	\$ 18,00 \$ 81,00 \$ 9,00 \$ 11,773,00 \$ 32,00 \$ 253,00 \$ 628,00 \$ 115,00 \$ 78,00 \$ 253,00 \$ 154,00 \$ 251,00 \$ 251,00 \$ 251,00 \$ 35,00 \$ 251,00 \$ 251,0
PEC.Water Disposal PEC.Water Disposal PEC.HRZ Well Drisk Frac Fotal Intangible Costs Fangible Costs PEC.Flowback Crews & Equip Dourface Casing D-Intermed Csg D-Production Casing/Liner D-Wellhead Equip T-Tubing B-Tanks B-Fowlines/Pipelines B-Hrt Trtr/Spetr/Flegible B-Hrt Trtr/Spetr/Flegible B-B-B-Willes/Flegible B-B-Boulines/Pipelines B-B-Browlines/Pipelines B-B-Browlines/Pipelines B-B-Browlines/Pipelines B-B-Browlines/Pipelines B-Browlines/Pipelines B-Browlines/Pipelines/Pipelines B-Browlines/Pipelines/Pipelines B-Browlines/Pipelines/Pipelines/Pipelines/Pipelines/Pi	374 378 388 389 391 391 392 392 392 392 392 392 392 392 392 392	\$ -		\$ 32,000.00 \$ 253,000.00 \$ 628,000.00	\$ 113,000.00 \$ 61,000.00 \$ 142,000.00	\$ 291,000.00 \$ 78,000.00 \$ 38,000.00 \$ 154,000.00 \$ 261,000.00 \$ 28,000.00 \$ 28,000.00	\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$	\$ 18,00 \$ 81,00 \$ 9,00 \$ 11,773,00 \$ 49,00 \$ 32,00 \$ 253,00 \$ 115,00 \$ 61,00 \$ 78,00 \$ 78,00 \$ 154,00 \$ 251,00 \$ 35,00 \$ 253,00 \$ 253,00 \$ 115,00 \$ 253,00 \$
PEC-Water Disposal PEC-Water Disposal PEC-HRZ-Well Dispers France Fortal Intangible Costs Fangible Costs PEC-Flowback Crews & Equip Sourface Casing -Intermed Csg -Perduction Casing/Liner -Wellhead Equip Fi-Tubing B-Hanks B-Flowlines/Pipelines B-Hart-Carl System/Equipment B-Pickrizcal System/Equipment B-Pickrizcal System/Equipment B-Pickrizcal System/Equipment B-Pickrizcal System/Equipment B-Binstrumentation/SCADA/POC B-Histographic B-His	374 391 387 391 391 401 402 403 505 505 510 511 512 512 522 523 525 526 527	\$ -		\$ 32,000.00 \$ 253,000.00 \$ 628,000.00	\$ 113,000.00 \$ 61,000.00	\$ 291,000.00 \$ 78,000.00 \$ 25,000.00 \$ 154,000.00 \$ 28,000.00 \$ 28,000.00 \$ 28,000.00 \$ 28,000.00	\$ 81,000,00 \$ 108,000,00 \$ 108,000,00	\$	\$ 18,00 \$ 81,00 \$ 9,00 \$ 11,773,00 \$ 49,00 \$ 32,00 \$ 253,00 \$ 115,00 \$ 1115,00 \$ 78,00 \$ 114,00 \$ 35,00 \$ 251,00 \$ 251,00 \$ 251,00 \$ 35,00 \$ 251,00 \$ 35,00 \$ 251,00 \$ 35,00 \$
PEC-Water Disposal PEC-HRZ Well Dister Fac Total Intangible Costs PEC-HRZ Well Dister Fac Total Intangible Costs PEC-Flowback Crews & Equip Sourface Casing Johntermed Csg P-Production Casing/Liner D-Wellinead Equip T-Tubling T-Wellinead Equip B-Tanks B-Howlines/Pipellines B-Hitr Trir/Seprit B-Hitr Trir/Seprit B-Hetr Trir/Seprit B-Bectrical System/Equipment P-Peckrs/Anchors/Hgrs B-Pumps-Surface B-B-Bristrumentation/SCADA/POC B-Mittecalineous B-Meters/Lacts B-Harres/Combusters/Emission G-Gas Lift/Compression FG-Wellhead Equipment	374 378 388 389 391 391 392 392 392 392 392 392 392 392 392 392	\$ -		\$ 32,000.00 \$ 253,000.00 \$ 628,000.00 \$ 115,000.00	\$ 113,000,00 \$ 61,000,00 \$ 142,000,00 \$ 55,000,00	\$ 291,000.00  \$ 78,000.00  \$ 35,000.00  \$ 251,000.00  \$ 261,000.00  \$ 26,000.00  \$ 28,000.00  \$ 42,000.00  \$ 42,000.00	\$ 81,000.00 \$ 108,000.00 \$ 49,000.00	\$	\$ 18,000 \$ 81,000 \$ 9,000 \$ 11,773,000 \$ 11,773,000 \$ 11,773,000 \$ 32,000 \$ 32,000 \$ 5 115,000 \$ 5 113,000 \$ 5 113,000 \$ 78,000 \$ 1154,000 \$ 142,000 \$ 261,000 \$ 261,000 \$ 261,000 \$ 261,000 \$ 261,000 \$ 261,000 \$ 261,000 \$ 261,000 \$ 265,0
PEC-Water Disposal PEC-HRZ Well Dister Fac Total Intangible Costs PEC-HRZ Well Dister Fac Total Intangible Costs PEC-Flowback Crews & Equip Sourface Casing Johntermed Csg P-Production Casing/Liner D-Wellinead Equip T-Tubling T-Wellinead Equip B-Tanks B-Howlines/Pipellines B-Hitr Trir/Seprit B-Hitr Trir/Seprit B-Hetr Trir/Seprit B-Bectrical System/Equipment P-Peckrs/Anchors/Hgrs B-Pumps-Surface B-B-Bristrumentation/SCADA/POC B-Mittecalineous B-Meters/Lacts B-Harres/Combusters/Emission G-Gas Lift/Compression FG-Wellhead Equipment	374 391 387 391 391 401 402 403 505 505 510 511 512 512 522 523 525 526 527			\$ 32,000.00 \$ 253,000.00 \$ 628,000.00	\$ 113,000,00 \$ 61,000,00 \$ 142,000,00 \$ 55,000,00	\$ 291,000.00  \$ 78,000.00  \$ 35,000.00  \$ 261,000.00  \$ 281,000.00  \$ 280,000.00  \$ 42,000.00  \$ 42,000.00	\$ 81,000,00 \$ 108,000,00 \$ 108,000,00	\$	\$ 18,000 \$ 81,000 \$ 9,000 \$ 9,000 \$ 11,773,000 \$ 11,773,000 \$ 11,773,000 \$ 12,000 \$ 13,000 \$ 13,000 \$ 113,000 \$ 113,000 \$ 135,000 \$ 142,000 \$ 142,000 \$ 261,000 \$ 265,
EG-Water Disposal EG-HRZ Well Dister Fac otal Intangible Costs  angible Costs EG-Flowback Crews & Equip Surface Casing -Intermed Csg -Production Casing/Liner -Wellhead Equip -Tubing -Wellhead Equip -Tubing -Wellhead Equip -B-Tanks -B-Flowlines/Pipelines -B-Hr Trity/Septr -B-Itter/Septra Selectrical System/Equipment -Peks/Anchors/Hgrs -B-Cuplings/Firtings/Valves -B-Purps-Surface -B-Hrstrumentation/SCADA/POC -B-Miscellaneous -B-Meters/Lacts -B-Flares/Combusters/Emission -Gas Lift/Compression -Gas Lift/Compression -CG-Wellhead Equipment -Cotal Tangible Costs	374 391 387 391 391 401 402 403 505 505 510 511 512 512 522 523 525 526 527	5 -	\$ .	\$ 32,000.00 \$ 253,000.00 \$ 628,000.00 \$ 115,000.00	\$ 113,000.00 \$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 291,000.00  \$ 78,000.00  \$ 35,000.00  \$ 251,000.00  \$ 35,000.00  \$ 261,000.00  \$ 28,000.00  \$ 28,000.00  \$ 28,000.00  \$ 34,000.00  \$ 34,000.00	\$ 81,000.00 \$ 108,000.00 \$ 49,000.00 \$ 18,000.00 \$ 5 49,000.00	\$	\$ 18,000 \$ 10,000 \$ 1
EG-Water Disposal EG-HRZ Well Dister Fac otal Intangible Costs angible Costs EQ-Flowback Crews & Equip Surface Casing Interned Csg P-Production Casing/Liner	374 379 391 391 392 401 392 402 402 402 402 505 505 505 505 505 505 505 505 505 5	\$ - S	\$ .	\$ 32,000.00 \$ 253,000.00 \$ 628,000.00 \$ 115,000.00	\$ 113,000.00 \$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 291,000.00  \$ 78,000.00  \$ 35,000.00  \$ 251,000.00  \$ 35,000.00  \$ 261,000.00  \$ 28,000.00  \$ 28,000.00  \$ 28,000.00  \$ 34,000.00  \$ 34,000.00	\$ 81,000.00 \$ 108,000.00 \$ 49,000.00 \$ 18,000.00 \$ 5 49,000.00	\$	\$ 18,000 \$ 10,000 \$ 1
EG-Water Disposal EG-Har Well Offset Fac Total Intangible Costs  langible Costs EG-Flowback Crews & Equip Sourface Casing Interned Csg P-Production Casing/Liner P-Wellhead Equip Tubing B-Production Casing/Liner P-Wellhead Equip B-Tanks B-Flowlines/Pipelines B-Hrt Trt/Seprtr B-Her Trt/Seprtr B-Her Trt/Seprtr B-Her Trt/Seprtr B-Ecupings/Fittings/Valves B-Pumps-Surface B-Instrumentation/ScADA/POC B-Hiscellandous B-Meters/Lacts B-Miscellaneous B-Meters/Lacts B-Hares/Combusters/Emission -Gas Lift/Compression EG-Wellhead Equipment out Tangible Costs  otal Tangible Costs	374 379 391 391 392 401 392 402 402 402 402 505 505 505 505 505 505 505 505 505 5	\$ - S	\$ .	\$ 32,000.00 \$ 253,000.00 \$ 628,000.00 \$ 115,000.00	\$ 113,000.00 \$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 291,000.00  \$ 78,000.00  \$ 35,000.00  \$ 251,000.00  \$ 35,000.00  \$ 261,000.00  \$ 28,000.00  \$ 28,000.00  \$ 28,000.00  \$ 34,000.00  \$ 34,000.00	\$ 81,000.00 \$ 108,000.00 \$ 49,000.00 \$ 18,000.00 \$ 5 49,000.00	\$	\$ 18,000 \$ 81,000 \$ 9,000 \$ 9,000 \$ 11,773,000 \$ 11,773,000 \$ 11,773,000 \$ 32,000 \$ 32,000 \$ 5 113,000 \$ 5 113,000 \$
PÉC-Water Disposial PÉC-HRZ Well Disket Fac Total Intangible Costs  FGC-HRZ Well Disket Fac FGC-HRZ Well Disket Fac FGC-HRZ Well Disket Fac FGC-HRZ Well Disket Porduction Casing/Liner	374 379 391 391 392 401 392 402 402 402 402 505 505 505 505 505 505 505 505 505 5	\$ - S	\$ .	\$ 32,000.00 \$ 253,000.00 \$ 628,000.00 \$ 115,000.00	\$ 113,000.00 \$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 291,000.00  \$ 78,000.00  \$ 35,000.00  \$ 251,000.00  \$ 35,000.00  \$ 261,000.00  \$ 28,000.00  \$ 28,000.00  \$ 28,000.00  \$ 34,000.00  \$ 34,000.00	\$ 81,000.00 \$ 108,000.00 \$ 49,000.00 \$ 18,000.00 \$ 5 49,000.00	\$	\$ 18,00 \$ 81,00 \$ 9,00 \$ 11,773,00 \$ 49,00 \$ 32,00 \$ 253,00 \$ 628,00 \$ 115,00 \$ 78,00 \$ 78,00 \$ 251,00 \$ 251,00 \$ 251,00 \$ 251,00 \$ 251,00 \$ 142,00 \$ 251,00 \$ 251,00
EG-Water Disposal EG-HRZ Well Disket Fac Otal Intangible Costs  angible Costs EG-HRZ Well Disket Fac GE-Flowback Crews & Equip S-burface Casing Intermed Csg P-Production Casing/Liner Intermed Sig P-Production Casing/Liner Intermed Equip Intermed	374 379 391 391 392 401 392 402 402 402 402 505 505 505 505 505 505 505 505 505 5	\$ - S	\$ .	\$ 32,000.00 \$ 253,000.00 \$ 628,000.00 \$ 115,000.00	\$ 113,000.00 \$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 291,000.00  \$ 78,000.00  \$ 35,000.00  \$ 251,000.00  \$ 35,000.00  \$ 261,000.00  \$ 28,000.00  \$ 28,000.00  \$ 28,000.00  \$ 34,000.00  \$ 34,000.00	\$ 81,000.00 \$ 108,000.00 \$ 49,000.00 \$ 18,000.00 \$ 5 49,000.00	\$	\$ 18,000 \$ 81,000 \$ 9,000 \$ 9,000 \$ 11,773,000 \$ 11,773,000 \$ 32,000 \$ 32,000 \$ 5 113,000 \$ 5 113,000 \$ 78,000 \$ 113,000 \$ 78,000 \$ 142,000 \$ 261,
EG-Water Disposal EG-HRZ Well Dister Fac Total Intangible Costs  angible Costs EQ-Flowback Crews & Equip Syurface Casing Internet Csg Pheroduction Casing/Liner Pheroduction B-Harms B-Harms B-Howlines/Pipellines B-Hares/Combusters/Emission -Gas Lift/Compression EQ-Wellhead Equipment Total Tangible Costs Total Gross Cost Lote: The above costs are estimates only- COG Operating LLC	374 379 391 391 392 401 392 402 402 402 402 505 505 505 505 505 505 505 505 505 5	\$ - S	\$ .	\$ 32,000.00 \$ 253,000.00 \$ 628,000.00 \$ 115,000.00	\$ 113,000.00 \$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 291,000.00  \$ 78,000.00  \$ 35,000.00  \$ 261,000.00  \$ 28,000.00  \$ 28,000.00  \$ 28,000.00  \$ 28,000.00  \$ 34,000.00  \$ 34,000.00  \$ 1,234,000.00	\$ 81,000.00 \$ 108,000.00 \$ 108,000.00 \$ 49,000.00 \$ 18,000.00 \$ 175,000.00 \$ 175,000.00	\$	\$ 18,000 \$ 81,000 \$ 9,000 \$ 9,000 \$ 11,773,000 \$ 11,773,000 \$ 32,000 \$ 32,000 \$ 5 113,000 \$ 5 113,000 \$ 78,000 \$ 113,000 \$ 78,000 \$ 142,000 \$ 261,
PEC-Water Disposal PEC-HRZ Well DYNEAF Frac Fotal Intangible Costs Fangible Costs PEC-Flowback Crews & Equip Sourface Casing Johntermed Csg P-Production Casing/Liner John Bernard Csg P-Wellhead Equip T-Tubing Wellhead Equip H-Tanks H-Tanks H-Tanks H-Howlines/Pipelines H-Howlines/Pi	374 379 391 391 392 401 392 402 402 402 402 505 505 505 505 505 505 505 505 505 5	\$ - S	\$ .	\$ 32,000.00 \$ 253,000.00 \$ 628,000.00 \$ 115,000.00	\$ 113,000.00 \$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 291,000.00  \$ 78,000.00  \$ 35,000.00  \$ 261,000.00  \$ 28,000.00  \$ 28,000.00  \$ 28,000.00  \$ 28,000.00  \$ 34,000.00  \$ 34,000.00  \$ 1,234,000.00	\$ 81,000.00 \$ 108,000.00 \$ 49,000.00 \$ 18,000.00 \$ 5 49,000.00	\$	\$ 18,000 \$ 81,000 \$ 9,000 \$ 9,000 \$ 11,773,000 \$ 11,773,000 \$ 32,000 \$ 32,000 \$ 5 113,000 \$ 5 113,000 \$ 78,000 \$ 113,000 \$ 78,000 \$ 142,000 \$ 261,
PEC-Water Disposal PEC-LHZ Well Civester Fac Total Intangible Costs  Fangible Costs PEC-Flowback Crews & Equip D-Surface Casing D-Intermed Csg D-Production Casing/Liner D-Wellhead Equip C-Wellhead Equip C-Wellhead Equip B-Tanks B-B-Tanks B-B-Tanks B-B-Townine-Pipelines B-H-Tark System/Equipment C-Pckrs/Anchors/Hgrs B-Pumps-Surface B	374 379 391 391 392 401 392 402 402 402 402 505 505 505 505 505 505 505 505 505 5	\$ - S	\$ .	\$ 32,000.00 \$ 253,000.00 \$ 628,000.00 \$ 115,000.00	\$ 113,000.00 \$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 78,000.00  \$ 78,000.00  \$ 35,000.00  \$ 251,000.00  \$ 154,000.00  \$ 260,000.00  \$ 35,000.00  \$ 42,000.00  \$ 42,000.00  \$ 1,234,000.00  Date Prepared:	\$ 81,000.00 \$ 108,000.00 \$ 108,000.00 \$ 49,000.00 \$ 18,000.00 \$ 175,000.00 \$ 175,000.00	\$	\$ 18,000 \$ 81,000 \$ 9,000 \$ 9,000 \$ 11,773,000 \$ 11,773,000 \$ 32,000 \$ 32,000 \$ 5 113,000 \$ 5 113,000 \$ 78,000 \$ 113,000 \$ 78,000 \$ 142,000 \$ 261,
PEQ-Water Disposal PEQ-Haz Well Oriset Frac Total Intangible Costs Fangible Costs PEQ-Flowback Crews & Equip Sourface Casing	374 379 391 391 392 401 392 402 402 402 402 505 505 505 505 505 505 505 505 505 5	\$ - S	\$ .	\$ 32,000.00 \$ 253,000.00 \$ 628,000.00 \$ 115,000.00	\$ 113,000.00 \$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 291,000.00  \$ 78,000.00  \$ 35,000.00  \$ 261,000.00  \$ 28,000.00  \$ 28,000.00  \$ 28,000.00  \$ 28,000.00  \$ 34,000.00  \$ 34,000.00  \$ 1,234,000.00	\$ 81,000.00 \$ 108,000.00 \$ 108,000.00 \$ 49,000.00 \$ 18,000.00 \$ 175,000.00 \$ 175,000.00	\$	\$ 18,000 \$ 81,000 \$ 9,000 \$ 9,000 \$ 11,773,000 \$ 11,773,000 \$ 11,773,000 \$ 32,000 \$ 32,000 \$ 5 113,000 \$ 5 113,000 \$
PEC-Water Disposal PEC-Haz Well Oriset Frac Total Intangible Costs  Tangible Costs PEC-Flowback Crews & Equip Describer Casing D-Intermed Csg D-Production Casing/Liner D-Wellhead Equip C-Tubling C-Wellhead Equip B-Tanks 18-Tanks	374 379 391 391 392 401 392 402 402 402 402 505 505 505 505 505 505 505 505 505 5	\$ - S	\$ .	\$ 32,000.00 \$ 253,000.00 \$ 628,000.00 \$ 115,000.00	\$ 113,000.00 \$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 78,000.00  \$ 78,000.00  \$ 35,000.00  \$ 251,000.00  \$ 261,000.00  \$ 260,000.00  \$ 260,000.00  \$ 240,000.00  \$ 42,000.00  \$ 42,000.00  Date Prepared:	\$ 81,000.00 \$ 108,000.00 \$ 108,000.00 \$ 49,000.00 \$ 18,000.00 \$ 175,000.00 \$ 175,000.00	\$	\$ 18,000 \$ 81,000 \$ 9,000 \$ 9,000 \$ 11,773,000 \$ 11,773,000 \$ 32,000 \$ 32,000 \$ 5 113,000 \$ 5 113,000 \$ 78,000 \$ 113,000 \$ 78,000 \$ 142,000 \$ 261,
PEC.Water Disposal PEC.HAR Well Direkt Frac Fotal Intangible Costs Fangible Costs PEC.Flowback Crews & Equip Sourface Casing Johntermed Csg Perduction Casing/Liner Jowellhead Equip Tubing Perduction Casing/Liner Jowellhead Equip Filamins	374 379 391 391 392 401 392 402 402 402 402 505 505 505 505 505 505 505 505 505 5	\$ - S	\$ .	\$ 32,000.00 \$ 253,000.00 \$ 628,000.00 \$ 115,000.00	\$ 113,000.00 \$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 78,000.00  \$ 78,000.00  \$ 35,000.00  \$ 251,000.00  \$ 154,000.00  \$ 260,000.00  \$ 35,000.00  \$ 42,000.00  \$ 42,000.00  \$ 1,234,000.00  Date Prepared:	\$ 81,000.00 \$ 108,000.00 \$ 108,000.00 \$ 49,000.00 \$ 18,000.00 \$ 175,000.00 \$ 175,000.00	\$	\$ 18,000 \$ 81,000 \$ 9,000 \$ 9,000 \$ 11,773,000 \$ 11,773,000 \$ 32,000 \$ 32,000 \$ 5 113,000 \$ 5 113,000 \$ 78,000 \$ 113,000 \$ 78,000 \$ 142,000 \$ 261,
PEC-Water Disposal PEC-HRZ Well Dister Fac Total Intangible Costs  FCQ-Flowback Crews & Equip Sourface Casing -Intermed Csg -Production Casing/Liner -Production Casing/Liner -Production Casing/Liner -Production Casing/Liner -Publing -Wellinead Equip -Tubling -Wellinead Equip -B-Tanks -B-Flowlines/Pipellines -B-Hr Trit/Septrt -B-Tanks -B-Flowlines/Pipellines -B-Hr Trit/Septrt -B-Hectrical System/Equipment -Peckrs/Anchors/Hgrs -B-Couplings/Filtings/Valves -B-Pumps-Surface -B-Hustrumentation/SCADA/POC -B-Miscellaneous -B-Flares/Combusters/Emission -Gas Lift/Compression -EQ-Wellhead Equipment -Gas Lift/Compression -Cet-Wellhead Equipment -Gas Total Gross Cost -Got Gorard GLC -Got Gorard Gross Cost -Got Gorard GLC -Got Gross Cost -Got Gross Cost -Got Gorard GLC -Got Gross Cost -Got Gross Cost -Got Gorard GLC -Got Gross Cost -Got Gro	374 379 391 391 392 401 392 402 402 402 402 505 505 505 505 505 505 505 505 505 5	\$ - S	\$ .	\$ 32,000.00 \$ 253,000.00 \$ 628,000.00 \$ 115,000.00	\$ 113,000.00 \$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 78,000.00  \$ 78,000.00  \$ 35,000.00  \$ 251,000.00  \$ 261,000.00  \$ 260,000.00  \$ 260,000.00  \$ 240,000.00  \$ 42,000.00  \$ 42,000.00  Date Prepared:	\$ 81,000.00 \$ 108,000.00 \$ 108,000.00 \$ 49,000.00 \$ 18,000.00 \$ 175,000.00 \$ 175,000.00	\$	\$ 18,000 \$ 81,000 \$ 9,000 \$ 9,000 \$ 11,773,000 \$ 11,773,000 \$ 11,773,000 \$ 32,000 \$ 32,000 \$ 5 113,000 \$ 5 113,000 \$
EG-Water Disposal EG-Haz Well Offset Frac Total Intangible Costs  angible Costs EQ-Flowback Crews & Equip Source Casing -Intermed Csg -Production Casing/Liner -Putellined Equip -B-Tanks B-Flowlines/Pipellines -B-Har Int/Septr -B-H	374 379 391 391 392 401 392 402 402 402 402 505 505 505 505 505 505 505 505 505 5	\$ - S	\$ .	\$ 32,000.00 \$ 253,000.00 \$ 628,000.00 \$ 115,000.00	\$ 113,000.00 \$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 78,000.00  \$ 78,000.00  \$ 35,000.00  \$ 251,000.00  \$ 261,000.00  \$ 260,000.00  \$ 260,000.00  \$ 240,000.00  \$ 42,000.00  \$ 42,000.00  Date Prepared:	\$ 81,000.00 \$ 108,000.00 \$ 108,000.00 \$ 49,000.00 \$ 18,000.00 \$ 175,000.00 \$ 175,000.00	\$	\$ 18,000 \$ 1,0
EG-Water Disposal EG-Hatz Well Offset Frac otal Intangible Costs angible Costs EQ-Flowback Crews & Equip Surface Casing -Intermed Csg -Production Casing/Liner -Wellhead Equip -Tubing -Wellhead Equip -Tubing -Wellhead Equip -Tubing -Wellhead Equip -Tubing -Pichovines/Pipelines -B-Hat Trit/Septrt -B-Idvovines/Pipelines -B-Hatrity-Captrovines/ -B-Hatrity-Captrovines/ -B-Hatrity-Captrovines/ -B-Idvovines/ -B-	374 379 391 391 392 401 392 402 402 402 402 505 505 505 505 505 505 505 505 505 5	\$ - S	\$ .	\$ 32,000.00 \$ 253,000.00 \$ 628,000.00 \$ 115,000.00	\$ 113,000.00 \$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 78,000.00  \$ 78,000.00  \$ 35,000.00  \$ 251,000.00  \$ 261,000.00  \$ 260,000.00  \$ 260,000.00  \$ 240,000.00  \$ 42,000.00  \$ 42,000.00  Date Prepared:	\$ 81,000.00 \$ 108,000.00 \$ 108,000.00 \$ 49,000.00 \$ 18,000.00 \$ 175,000.00 \$ 175,000.00	\$	\$ 18,000 \$ 1,0
EG-Water Disposal EG-Haz Well Offset Fac Otal Intangible Costs  angible Costs  EQ-Flowback Crews & Equip Surface Casing -Intermed Csg -Production Casing/Liner -Wellhead Equip -Trubing	374 379 391 391 392 401 392 402 402 402 402 505 505 505 505 505 505 505 505 505 5	\$ - S	\$ .	\$ 32,000.00 \$ 253,000.00 \$ 628,000.00 \$ 115,000.00	\$ 113,000.00 \$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 78,000.00  \$ 78,000.00  \$ 35,000.00  \$ 251,000.00  \$ 261,000.00  \$ 260,000.00  \$ 260,000.00  \$ 240,000.00  \$ 42,000.00  \$ 42,000.00  Date Prepared:	\$ 81,000.00 \$ 108,000.00 \$ 49,000.00 \$ 49,000.00 \$ 175,000.00 \$ 175,000.00	\$	\$ 18,000 \$ 1,0

T25S-R27E T26S-R27E

 
 Well Name
 FLAMING SNAIL FED COM 709H

 SHL
 705 FNL
 OR

 BHL
 200 FSL
 1035 FWL
 OR

 Formation
 WOLFCAMP
 Logal
 ALL SEC 28 & 33, 255-27E & ALL SEC 4, 265-27E
 OR UNIT C OR UNIT M

st Description angible Costs .ctn/Pits/Roads	_								
	Code	PreSpud (PS)	Pre-Set Casing(PC)	Drilling (DR)	Completions (C)	Tank Btty Constrctn(TB)	Pmpq Equip (PEQ)	Revision	
	205				1			1.0	\$ 145.0
	205		\$	145,000.00				\$ -	
Orilling Overhead	206	ļ	s					\$ -	\$ 11,0
Daywork Contract	209	ļ	s					\$ -	\$ 789,0
Directional Drlg Services	210		s					\$ -	\$ 421,0
uel & Power	211		s	136,000.00				\$ -	\$ 136,0
Water	212	<u> </u>	s	115,000.00				\$ -	\$ 115,0
Bits	213	1	s	145,000.00				\$ -	\$ 145,0
Mud & Chemicals	214	1	s	297,000.00				\$ -	\$ 297,0
Cement Surface	217		s	29,000.00				\$ -	\$ 29,0
Cement Intermed	218		s	114,000.00				\$ -	\$ 114,0
Prod-2nd Int Cmt	219		s	168,000.00				\$ -	\$ 168,0
Float Equipment & Centralizers	221		s	92,000.00				\$ -	\$ 92,0
	222		s .	99,000.00				\$ -	\$ 99,0
Csg Crews & Equip	225							\$ -	\$ 10,0
Contract Labor		<b> </b>	s	10,000.00					
Company Sprvsn	226	ļ	\$					\$ -	\$ 66,0
Contract Sprvsn	227	ļ	s	165,000.00				\$ -	\$ 165,0
Tstg Csg/Tbg	228	<u> </u>	s	61,000.00				\$ -	\$ 61,0
Mud Logging Unit	229	<u> </u>	s	61,000.00				\$ -	\$ 61,0
Rentals-Surface	235	1	s	256,000.00				\$ -	\$ 256,0
Rentals-Subsrfc	236		s	119,000.00				\$ -	\$ 119,0
Frucking/Forklift/Rig Mob	237		s					\$ -	\$ 244,0
Welding Services	238		s	5,000.00				\$ -	\$ 5,0
Contingency	243			92,000.00				\$ -	\$ 92,0
Envrnmtl/Clsd Loop	244		3	403,000.00	<b> </b>			\$ -	\$ 403,0
	304		"	403,000.00					
Vellbore Frac Prep	304				\$ 209,000.00				\$ 209,00 \$ 22,00
.ctn/Pits/Roads		<b></b>	<del>                                     </del>		\$ 22,000.00			7	
Completion OH	306				\$ 33,000.00			\$ -	\$ 33,0
rac Equipment	307				\$ 1,430,000.00			\$ -	\$ 1,430,0
rac Chemicals	308				\$ 906,000.00			\$ -	\$ 906,0
rac Proppant	309				\$ 411,000.00		-	\$ -	\$ 411,0
rac Proppant Transportation	310				\$ 639,000.00			\$ -	\$ 639,0
uel Delivery & Services	311				\$ 92,000.00			\$ -	\$ 92,0
Vater	312				\$ 604,000.00			\$ -	\$ 604,0
rac Surface Rentals	315		<del>                                     </del>		\$ 570,000.00			\$ -	\$ 570,0
Contract Labor	325	<b> </b>	<del></del>		\$ 22,000.00			\$ -	\$ 22,0
Company Sprvsn	326	ļ			\$ 22,000.00			\$ -	\$ 22,0
Contract Sprvsn	327				\$ 305,000.00			\$ -	\$ 305,0
Artificial Lift Install	329	<u> </u>			\$ 98,000.00			\$ -	\$ 98,0
Perf/Wireline Svc	331	1			\$ 702,000.00			\$ -	\$ 702,0
rucking/Forklift/Rig Mob	337				\$ 22,000,00			\$ -	\$ 22,0
Vater Disposal	339				\$ 87,000.00			\$ -	\$ 87,0
Contingency	343				\$ 163,000.00			\$ -	\$ 163,0
	345							\$ -	
Oyed Diesel		<b> </b>	<del></del>		\$ 342,000.00				
Drillout	346	<b></b>			\$ 652,000.00			\$ -	\$ 652,0
-Damages/Right of Way	351					\$ 2,000.00		\$ -	\$ 2,0
-Location/Pits/Roads	353					\$ 45,000.00		\$ -	\$ 45,0
Contract Labor	356	l .				\$ 244,000.00		\$ -	\$ 244,0
Q-Contract Labor	374						\$ 18,000.00	\$ -	\$ 18,0
Q-Water Disposal	387						\$ 81,000.00	\$ -	\$ 81,0
Q-HRZ Well Offset Frac	391						\$ 9,000.00		\$ 9,0
tal Intangible Costs		s -	s - s	4,043,000.00	\$ 7,331,000.00	\$ 291,000.00			\$ 11,773,0
				,. ,,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, ,,,,,,,,			, , , , ,
ngible Costs									
	392					1	\$ 49,000.00	s -	\$ 49,0
Q-Flowback Crews & Equip		<b></b>					\$ 49,000.00		
Surface Casing	401		\$					\$ -	\$ 32,0
ntermed Csg	402	<u> </u>	\$	253,000.00				\$ -	\$ 253,0
Production Casing/Liner	403		\$					\$ -	\$ 628,0
Wellhead Equip	405		\$					\$ -	\$ 115,0
ubing 'ubing	504				\$ 113,000.00		-	\$ -	\$ 113,0
Vellhead Equip	505				\$ 61,000.00			\$ -	\$ 61,0
Tanks	510		1		2.,220.00	\$ 78,000.00		\$ -	\$ 78,0
Flowlines/Pipelines	511		<del>                                     </del>		<b> </b>	\$ 35,000.00		\$ -	\$ 35,0
Htr Trtr/Seprtr	512		+		<b> </b>	\$ 251,000.00			\$ 251,0
-Electrical System/Equipment	513					\$ 154,000.00		\$ -	\$ 154,0
Pckrs/Anchors/Hgrs	514				\$ 142,000.00			\$ -	\$ 142,0
Couplings/Fittings/Valves	515					\$ 261,000.00		\$ -	\$ 261,0
Pumps-Surface	521					\$ 35,000.00		\$ -	\$ 35,0
Instrumentation/SCADA/POC	522					\$ 26,000.00		\$ -	\$ 26,0
Miscellaneous	523					\$ 26,000.00		\$ -	\$ 26,0
Meters/Lacts	525					\$ 35,000.00		\$ -	\$ 35,0
			<del>                                     </del>		<b> </b>				
			<del>                                     </del>		¢ ===000.00	÷2,000.00			
					υ οο,υυ0.00		e 40.000.00		
u-vveinead Equipment	531						a 18,000.00	<b>.</b>	\$ 18,00
tal Tangible Costs			- \$	1,028,000.00	\$ 371,000.00	\$ 943,000.00	\$ 67,000.00	\$ -	\$ 2,409,0
		\$ -	- \$	5,071,000.00	\$ 7,702,000.00	\$ 1,234,000.00	\$ 175,000.00	\$ -	\$ 14,182,0
Flares/Combusters/Emission Gas Lift/Compression Q-Wellhead Equipment	526 527 531		\$ - \$	\$ 1,028,000.00 \$ 5,071,000.00	\$ 55,000.00 \$ 371,000.00 \$ 7,702,000.00	\$ 42,000.00 \$ 943,000.00	\$ 18,000.00 \$ 67,000.00 \$ 175,000.00	\$ - \$ - \$ - \$ -	\$ \$

| Well Name | FLAMING SNAIL FED COM 710H | SHL | 705 FNL | 1655 FWL | OR | BHL | 200 FSL | 550 FWL | OR | Formation | WOLFCAMP | Legal | ALL SECS 28 & 33, 255-27E & ALL SEC 4, 265-27E | OR UNIT C OR UNIT M T25S-R27E T26S-R27E

		3, 25S-27E & ALL SEC 4, 26S-						8,925	
Cost Description	Code	PreSpud (PS)	Pre-Set Casing(PC)	Drilling (DR)	Completions (C)	Tank Btty Constrctn(TB)	Pmpq Equip (PEQ)	Revision	Tota
ntangible Costs D-Lctn/Pits/Roads	205			\$ 145,000.00				\$ -	\$ 145,000.00
D-Drilling Overhead	206								\$ 11,000.00
D-Daywork Contract	209			\$ 789,000.00					\$ 789,000.0
9-Directional Drlg Services	210		5	\$ 421,000.00				\$ -	\$ 421,000.0
D-Fuel & Power	211		5	136,000.00				\$ -	\$ 136,000.0
D-Water	212		5	\$ 115,000.00				\$ -	\$ 115,000.0
D-Bits	213		5						\$ 145,000.0
D-Mud & Chemicals	214		\$						\$ 297,000.0
D-Cement Surface	217		\$					\$ -	\$ 29,000.0
D-Cement Intermed	218			114,000.00				\$ -	\$ 114,000.0
D-Prod-2nd Int Cmt	219 221			168,000.00				\$ - \$ -	\$ 168,000.00 \$ 92,000.00
D-Float Equipment & Centralizers									\$ 99,000.0
D-Csg Crews & Equip D-Contract Labor	222 225			\$ 99,000.00 \$ 10,000.00				\$ - \$ -	\$ 99,000.0
D-Company Sprvsn	226							\$ -	\$ 66,000.0
D-Contract Sprvsn	227							\$ -	\$ 165,000.0
D-Tstg Csg/Tbg	228								\$ 61,000.0
D-Mud Logging Unit	229							\$ -	\$ 61,000.0
O-Rentals-Surface	235							\$ -	\$ 256,000.0
D-Rentals-Subsrfc	236							\$ -	\$ 119,000.0
D-Trucking/Forklift/Rig Mob	237							\$ -	\$ 244,000.0
D-Welding Services	238			5,000.00				\$ -	\$ 5,000.0
D-Contingency	243			\$ 92,000.00				\$ -	\$ 92,000.0
D-Envrnmtl/Clsd Loop	244		\$	\$ 403,000.00				\$ -	\$ 403,000.0
C-Wellbore Frac Prep	304				\$ 209,000.00			\$ -	\$ 209,000.0
C-Lctn/Pits/Roads	305				\$ 22,000.00			\$ -	\$ 22,000.0
C-Completion OH	306				\$ 33,000.00			\$ -	\$ 33,000.0
C-Frac Equipment	307				\$ 1,430,000.00			\$ -	\$ 1,430,000.0
C-Frac Chemicals	308				\$ 906,000.00				\$ 906,000.0
C-Frac Proppant	309				\$ 411,000.00				\$ 411,000.0
C-Frac Proppant Transportation	310				\$ 639,000.00				\$ 639,000.0
C-Fuel Delivery & Services	311				\$ 92,000.00			\$ -	\$ 92,000.0
C-Water C-Frac Surface Rentals	312 315				\$ 604,000.00			\$ - \$ -	\$ 604,000.0 \$ 570,000.0
C-Contract Labor	315				\$ 570,000.00 \$ 22,000.00			\$ - \$ -	\$ 570,000.0 \$ 22,000.0
C-Company Sprvsn	325				\$ 22,000.00			\$ -	\$ 22,000.0
C-Contract Sprvsn	327				\$ 22,000.00			\$ -	\$ 305,000.0
C-Artificial Lift Install	329				\$ 305,000.00			\$ -	\$ 98,000.0
C-Perf/Wireline Svc	331				\$ 702,000.00			\$ -	\$ 702,000.0
C-Trucking/Forklift/Rig Mob	337				\$ 22,000.00			\$ -	\$ 22,000.0
C-Water Disposal	339				\$ 87,000.00			\$ -	\$ 87,000.0
C-Contingency	343				\$ 163,000.00				\$ 163,000.0
C-Dyed Diesel	345				\$ 342,000.00				\$ 342,000.0
C-Drillout	346				\$ 652,000.00			\$ -	\$ 652,000.0
TB-Damages/Right of Way	351					\$ 2,000.00		\$ -	\$ 2,000.0
TB-Location/Pits/Roads	353					\$ 45,000.00		\$ -	\$ 45,000.00
TB-Contract Labor	356					\$ 244,000.00		\$ -	\$ 244,000.00
PEQ-Contract Labor	374						\$ 18,000.00	\$ -	\$ 18,000.00
PEQ-Water Disposal	387						\$ 81,000.00		\$ 81,000.00
PEQ-HRZ Well Offset Frac	391						\$ 9,000.00	\$ -	\$ 9,000.00
Total Intangible Costs		\$ -	\$ -	\$ 4,043,000.00	\$ 7,331,000.00	\$ 291,000.00	\$ 108,000.00	-	\$ 11,773,000.0
Tangible Costs									
PEQ-Flowback Crews & Equip									
	202		ı				\$ 49,000,00	l e	\$ 40,000.0
	392			\$ 22,000,00			\$ 49,000.00		
D-Surface Casing	401			\$ 32,000.00			\$ 49,000.00	\$ -	\$ 32,000.0
D-Surface Casing D-Intermed Csg	401 402			\$ 253,000.00			\$ 49,000.00	\$ - \$ -	\$ 32,000.00 \$ 253,000.00
D-Surface Casing D-Intermed Csg D-Production Casing/Liner	401 402 403			\$ 253,000.00 \$ 628,000.00			\$ 49,000.00	\$ - \$ - \$	\$ 32,000.00 \$ 253,000.00 \$ 628,000.00
D-Surface Casing D-Intermed Csg D-Production Casing/Liner D-Wellhead Equip	401 402 403 405			\$ 253,000.00	\$ 113,000,00		\$ 49,000.00	\$ - \$ - \$ - \$	\$ 32,000.0 \$ 253,000.0 \$ 628,000.0 \$ 115,000.0
D-Surface Casing D-Intermed Csg D-Production Casing/Liner D-Wellhead Equip C-Tubing	401 402 403 405 504			\$ 253,000.00 \$ 628,000.00	\$ 113,000.00 \$ 61,000.00		\$ 49,000.00	\$ - \$ - \$ - \$ -	\$ 32,000.0 \$ 253,000.0 \$ 628,000.0 \$ 115,000.0 \$ 113,000.0
D-Surface Casing D-Intermed Csg D-Production Casing/Liner D-Wellhead Equip C-Tubing C-Wellhead Equip	401 402 403 405 504 505			\$ 253,000.00 \$ 628,000.00	\$ 113,000.00 \$ 61,000.00	\$ 78,000.00	\$ 49,000.00	\$ - \$ - \$ - \$ - \$ - \$ -	\$ 32,000.0 \$ 253,000.0 \$ 628,000.0 \$ 115,000.0 \$ 113,000.0 \$ 61,000.0
D-Surface Casing D-Intermed Csg D-Production Casing/Liner D-Wellhead Equip C-Tubing C-Wellhead Equip IB-Tanks	401 402 403 405 504 505 510			\$ 253,000.00 \$ 628,000.00		\$ 78,000.00 \$ 35,000.00	\$ 49,000.00	\$ - \$ - \$ - \$ -	\$ 32,000.0 \$ 253,000.0 \$ 628,000.0 \$ 115,000.0 \$ 113,000.0 \$ 61,000.0 \$ 78,000.0
D-Surface Casing D-Intermed Csg D-Production Casing/Liner D-Wellhead Equip C-Wellhead Equip C-Wellhead Equip B-Tanks IB-Tanks	401 402 403 405 504 505			\$ 253,000.00 \$ 628,000.00		\$ 35,000.00	\$ 49,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 32,000.0 \$ 253,000.0 \$ 628,000.0 \$ 115,000.0 \$ 113,000.0 \$ 61,000.0 \$ 78,000.0
D-Surface Casing D-Intermed Csg D-Production Casing/Liner D-Wellhead Equip C-Tubing C-Wellhead Equip B-Tanks TB-Flowlines/Pipelines TB-Hark Trtt/Seprtr	401 402 403 405 504 505 510 511 512 512			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00	\$ 49,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 32,000.0 \$ 253,000.0 \$ 628,000.0 \$ 115,000.0 \$ 113,000.0 \$ 61,000.0 \$ 78,000.0 \$ 35,000.0 \$ 251,000.0 \$ 154,000.0
D-Surface Casing D-Intermed Csg D-Production Casing/Liner D-Wellhead Equip C-Tubling C-Wellhead Equip E-B-Tanks B-B-Tanks B-B-Towlines/Pipelines B-Her Trtr/Septr Tellectrical System/Equipment C-Pekrs/Anchors/Hgrs	401 402 403 405 504 505 510 511 512 513			\$ 253,000.00 \$ 628,000.00		\$ 35,000.00 \$ 251,000.00 \$ 154,000.00	\$ 49,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 32,000.0 \$ 253,000.0 \$ 628,000.0 \$ 115,000.0 \$ 61,000.0 \$ 78,000.0 \$ 35,000.0 \$ 251,000.0 \$ 154,000.0 \$ 142,000.0
D-Surface Casing D-Intermed Csg D-Production Casing/Liner D-Wellhead Equip C-Tubling C-Wellhead Equip E-B-Tanks B-B-Tanks B-B-Towlines/Pipelines B-Her Trtr/Septr Tellectrical System/Equipment C-Pekrs/Anchors/Hgrs	401 402 403 405 504 505 510 511 512 512			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00	\$ 49,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 32,000.0 \$ 253,000.0 \$ 628,000.0 \$ 115,000.0 \$ 61,000.0 \$ 78,000.0 \$ 35,000.0 \$ 251,000.0 \$ 154,000.0 \$ 142,000.0
D-Surface Casing D-Intermed Csg U-Intermed Csg D-Production Casing/Liner D-Wellinead Equip C-Tubling C-Wellinead Equip B-Tanks B-Howlines/Pipelines B-Howlines/Pipelines B-Howlines/Pipelines B-Howlines/Pipelines B-Howlines/Pipelines B-Hetrick/Septr B-Howlines/Pipelines B-Hetrick/Septr	401 402 403 405 504 505 510 511 512 513 514 515 515			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00	\$ 49,000.00	\$	\$ 32,000.0 \$ 253,000.0 \$ 628,000.0 \$ 115,000.0 \$ 113,000.0 \$ 61,000.0 \$ 78,000.0 \$ 251,000.0 \$ 122,000.0 \$ 142,000.0 \$ 261,000.0 \$ 35,000.0
D-Surface Casing D-Intermed Csg D-Production Casing/Liner D-Wellinead Equip T-Tubing U-Wellinead Equip B-Tanks B-Flowlines/Fipelines B-H-Turk/Septor B-H-Wellines/Fipelines B-H-Wellines/Fipelines B-H-Wellines/Fipelines B-H-Wellines/Fipelines B-H-Wellines/Fipelines B-H-Wellines/Fipelines B-Wellines/Fipelines B-Wellines/Fipelines B-Wellines/Filmings/Welli	401 402 403 405 504 505 510 511 511 512 513 514 515 521			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00	\$ 49,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 32,000.0 \$ 253,000.0 \$ 628,000.0 \$ 115,000.0 \$ 113,000.0 \$ 78,000.0 \$ 251,000.0 \$ 251,000.0 \$ 261,000.0 \$ 35,000.0 \$ 261,000.0 \$ 261,000.0
D-Surface Casing D-Intermed Csg D-Production Casing/Liner D-Wellinead Equip C-Tubling C-Wellinead Equip B-Tanks B-Flowlines/Pipelines B-Howlines/Pipelines B-Howlines/Pipelines B-Howlines/Pipelines B-Howlines/Pipelines B-Hettrick/Septrt B-Electrical System/Equipment C-Pckrs/Anchors/Hgrs B-Couplings/Fittings/Valves B-Pumps Surface B-Instrumentation/SCADA/POC B-Misselecous	401 402 403 405 504 505 511 511 512 513 514 515 521 522 522			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00 \$ 26,000.00	\$ 49,000.00	\$	\$ 32,000.0 \$ 253,000.0 \$ 115,000.0 \$ 115,000.0 \$ 61,000.0 \$ 78,000.0 \$ 251,000.0 \$ 154,000.0 \$ 142,000.0 \$ 261,000.0 \$ 261,000.0 \$ 26,000.0 \$ 26,000.0
D-Surface Casing D-Hortermed Cg D-Production Casing/Liner D-Weilmed Equip C-Tubing C-Weilmed Equip B-Tanks B-Flowlines/Hipelines B-Flowlines/Hipelines B-Ht Trt/Septr B-Hetricial System/Equipment C-Pecks/Anchors/Hgs TB-Couplings/Fittings/Valves B-Pumps-Surface B-Pumps-Surface B-Instrumentation/SCADA/POC B-Miscellaneous B-Meters/Lacts	401 402 403 405 504 505 510 511 512 513 514 515 521 522 522			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 26,000.00 \$ 26,000.00 \$ 35,000.00 \$ 35,000.00	\$ 49,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 32,000.0 \$ 253,000.0 \$ 628,000.0 \$ 115,000.0 \$ 113,000.0 \$ 78,000.0 \$ 251,000.0 \$ 154,000.0 \$ 164,000.0 \$ 261,000.0 \$ 261,000.0 \$ 260,000.0 \$ 260,000.0 \$ 260,000.0 \$ 260,000.0
D-Surface Casing D-Intermed Csg D-Production Casing/Liner D-Weilined Equip C-Tubing C-Weilined Equip B-Tanks B-Flowlines/Fipelines TB-Flowlines/Fipelines TB-Htr Trt/Seprtr TB-Electrical System/Equipment C-Pckrs/Anchors/Hgrs TB-Pumps-Surface TB-Pumps-Surface TB-Instrumentation/SCDA/POC TB-Miscellaneous TB-Miscellaneous TB-Miscellaneous TB-Miscellaneous	401 402 403 405 504 505 511 512 513 514 515 522 522 523 525 526			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00 \$ 26,000.00	\$ 49,000.00	\$	\$ 32,000.0 \$ 253,000.0 \$ 1253,000.0 \$ 115,000.0 \$ 115,000.0 \$ 61,000.0 \$ 76,000.0 \$ 35,000.0 \$ 35,000.0 \$ 154,000.0 \$ 261,000.0 \$ 261,000.0 \$ 35,000.0 \$ 35,000.0 \$ 35,000.0 \$ 35,000.0 \$ 35,000.0 \$ 35,000.0 \$ 35,000.0 \$ 35,000.0 \$ 35,000.0 \$ 35,000.0 \$ 36,000.0 \$ 3
D-Surface Casing D-Hordwitten Casing/Liner D-Hordwitten Casing/Liner D-Wellhead Equip E-Tubing E-Wellhead Equip H-B-Tanks H-Flowlines/Pipelines H-B-Tanks H-Flowlines/Pipelines H-B-Hortrical System/Equipment E-Recks/Anchors/Hgs H-Couplings/Fittings/Valves H-B-Unstrumentation/SCADA/POC H-Missellaneous H-Meters/Lacts H-Flowression H-Meters/Lacts H-Flares/Combusters/Emission G-Gas Lift/Compression	401 402 403 405 504 505 511 511 512 513 514 515 521 522 522 523 525 526 527			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 26,000.00 \$ 26,000.00 \$ 35,000.00 \$ 35,000.00		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 32,000.0 \$ 253,000.0 \$ 628,000.0 \$ 115,000.0 \$ 115,000.0 \$ 78,000.0 \$ 251,000.0 \$ 144,000.0 \$ 261,000.0 \$ 261,00
D-Surface Casing D-broduction Casing/Liner D-Wellinead Equip C-Tubling C-Wellinead Equip C-Tubling C-Wellinead Equip TB-Tanks TB-Flowlines/Fipelines TB-Her Trt/Seprtr TB-Electrical System/Equipment C-Pickrs/Anchors/Figrs TB-Pumps-Surface TB-Pumps-Surface TB-Pumps-Surface TB-Pumps-Surface TB-Pumps-Surface TB-Pumps-Surface TB-Pump-Surface TB-Pump-Sur	401 402 403 405 504 505 511 512 513 514 515 522 522 523 525 526			\$ 253,000,00 \$ 628,000,00 \$ 115,000,00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00 \$ 26,000.00 \$ 35,000.00 \$ 42,000.00	\$ 18,000.00	\$	\$ 32,000.0 \$ 253,000.0 \$ 115,000.0 \$ 115,000.0 \$ 61,000.0 \$ 78,000.0 \$ 78,000.0 \$ 251,000.0 \$ 142,000.0 \$ 261,000.0 \$ 26,000.0 \$ 26,000.0 \$ 35,000.0 \$ 26,000.0 \$ 35,000.0 \$ 35,000.0
D-Surface Casing D-Hordwitten Casing/Liner D-Hordwitten Casing/Liner D-Wellhead Equip E-Tubing E-Wellhead Equip H-B-Tanks H-Flowlines/Pipelines H-B-Tanks H-Flowlines/Pipelines H-B-Hortrical System/Equipment E-Recks/Anchors/Hgs H-Couplings/Fittings/Valves H-B-Unstrumentation/SCADA/POC H-Missellaneous H-Meters/Lacts H-Flowression H-Meters/Lacts H-Flares/Combusters/Emission G-Gas Lift/Compression	401 402 403 405 504 505 511 511 512 513 514 515 521 522 522 523 525 526 527	S .		\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00 \$ 26,000.00 \$ 35,000.00 \$ 42,000.00	\$ 18,000.00	\$	\$ 32,000.0 \$ 253,000.0 \$ 628,000.0 \$ 115,000.0 \$ 115,000.0 \$ 78,000.0 \$ 251,000.0 \$ 144,000.0 \$ 261,000.0 \$ 261,00
D-Surface Casing D-Intermed Csg D-Production Casing/Liner D-Wellinead Equip T-Tubing U-Wellinead Equip B-Tanks B-Flowlines/Fipelines B-Flowlines/Fipelines B-Flowlines/Fipelines B-Electrical System/Equipment D-Pckrs/Anchors/Figs B-Pumps-Surface B-Pumps-Surface B-Pumps-Surface B-Bristrumentation/SCADA/POC B-Miscealianeous B-Meters/Acacts B-Flares/Combusters/Emission C-Gas Lift/Compression EQ-Wellinead Equipment Total Tangible Costs	401 402 403 405 504 505 511 511 512 513 514 515 521 522 522 523 525 526 527	\$ .	S .	\$ 253,000,00 \$ 628,000,00 \$ 115,000,00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 35,000,00 \$ 251,000,00 \$ 154,000,00 \$ 261,000,00 \$ 35,000,00 \$ 26,000,00 \$ 26,000,00 \$ 35,000,00 \$ 42,000,00 \$ 9 3,000,00	\$ 18,000.00 \$ 67,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 32,000. \$ 253,000. \$ 628,000. \$ 113,000. \$ 113,000. \$ 113,000. \$ 15,000. \$ 78,000. \$ 35,000. \$ 154,000. \$ 251,000. \$ 251,000. \$ 261,000. \$ 35,000. \$ 261,000. \$ 35,000. \$ 261,000. \$ 261,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000.
NSurface Casing Notintermed Csg Notintermed No	401 402 403 405 504 510 511 511 512 513 514 515 521 522 523 525 526 527 531	\$ - \$ be billed as incurred.		\$ 253,000,00 \$ 628,000,00 \$ 115,000,00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 35,000,00 \$ 251,000,00 \$ 154,000,00 \$ 261,000,00 \$ 35,000,00 \$ 26,000,00 \$ 26,000,00 \$ 35,000,00 \$ 42,000,00 \$ 9 3,000,00	\$ 18,000.00 \$ 67,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 32,000.0 \$ 253,000.0 \$ 113,000.0 \$ 113,000.0 \$ 113,000.0 \$ 15,000.0 \$ 78,000.0 \$ 35,000.0 \$ 154,000.0 \$ 154,000.0 \$ 251,000.0 \$ 261,000.0 \$ 261,000.0 \$ 26,000.0 \$
D-Surface Casing D-Intermed Csg D-Production Casing/Liner D-Wellinead Equip T-Tubing T-Tubing T-Tubing T-Tubing B-Flowlinead Equip B-Tanks B-Flowlines/Pipelines B-Flowlines/Pipelines B-Flowlines/Pipelines B-Electrical System/Equipment P-Pckrs/Anchors/Pigrs B-Eugrical System/Equipment B-Electrical System/Equipment B-Eugrical System/Equipment D-Eckrs/Anchors/Pigrs B-Fumps-Surface B-Flamsrumentation/SCADA/POC B-Miscellaneous B-B-Harters/Lacts B-Flares/Combusters/Emission G-Gas Lift/Compression T-Ctw-Wellhead Equipment Total Tangible Costs Total Gross Cost lote: The above costs are estimates only COG Operating LLC	401 402 403 405 504 510 511 511 512 513 514 515 521 522 523 525 526 527 531		S .	\$ 253,000,00 \$ 628,000,00 \$ 115,000,00	\$ 61,000.00  \$ 142,000.00  \$ 55,000.00  \$ 7,702,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00 \$ 26,000.00 \$ 42,000.00 \$ 34,000.00 \$ 1,234,000.00	\$ 18,000.00 \$ 67,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 32,000.0 \$ 253,000.0 \$ 113,000.0 \$ 113,000.0 \$ 113,000.0 \$ 15,000.0 \$ 78,000.0 \$ 35,000.0 \$ 154,000.0 \$ 154,000.0 \$ 251,000.0 \$ 261,000.0 \$ 261,000.0 \$ 26,000.0 \$
D-Surface Casing D-Intermed Cig D-Production Casing/Liner D-Wellhead Equip T-tubing Wellhead Equip T-tubing Wellhead Equip T-Branks TB-Tlanks TB-T	401 402 403 405 504 510 511 511 512 513 514 515 521 522 523 525 526 527 531		S .	\$ 253,000,00 \$ 628,000,00 \$ 115,000,00	\$ 61,000.00  \$ 142,000.00  \$ 55,000.00  \$ 7,702,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00 \$ 26,000.00 \$ 42,000.00 \$ 34,000.00 \$ 1,234,000.00	\$ 18,000.00 \$ 67,000.00 \$ 175,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 32,000. \$ 253,000. \$ 628,000. \$ 113,000. \$ 113,000. \$ 113,000. \$ 15,000. \$ 78,000. \$ 35,000. \$ 154,000. \$ 251,000. \$ 251,000. \$ 261,000. \$ 35,000. \$ 261,000. \$ 35,000. \$ 261,000. \$ 261,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000. \$ 260,000.
D-Surface Casing D-broduction Casing/Liner D-Wellinead Equip T-Tubing T-Wellinead Equip T-Tubing T-Wellinead Equip T-Tubing T-B-Tanks TB-Tanks TB-T	401 402 403 405 504 510 511 511 512 513 514 515 521 522 523 525 526 527 531		S .	\$ 253,000,00 \$ 628,000,00 \$ 115,000,00	\$ 61,000.00  \$ 142,000.00  \$ 55,000.00  \$ 7,702,000.00	\$ 35,000,00 \$ 251,000,00 \$ 154,000,00 \$ 261,000,00 \$ 35,000,00 \$ 26,000,00 \$ 26,000,00 \$ 42,000,00 \$ 943,000,00 \$ 1,234,000,00	\$ 18,000.00 \$ 67,000.00 \$ 175,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 32,000.0 \$ 253,000.0 \$ 115,000.0 \$ 115,000.0 \$ 115,000.0 \$ 115,000.0 \$ 15,000.0 \$ 15,000.0 \$ 25,000.0 \$ 25,000.0 \$ 26,000.0 \$ 26,000.0 \$ 26,000.0 \$ 35,000.0 \$ 35,000.0 \$ 35,000.0 \$ 35,000.0 \$ 35,000.0 \$ 35,000.0 \$ 35,000.0 \$ 35,000.0 \$ 35,000.0 \$ 35,000.0 \$ 35,000.0 \$ 35,000.0 \$ 35,000.0 \$ 35,000.0 \$ 35,000.0 \$ 35,000.0 \$ 35,000.0 \$ 35,000.0 \$ 35,000.0
D-Surface Casing D-Intermed Csg D-Production Casing/Liner D-Intermed Csg D-Production Casing/Liner D-Wellinead Equip T-Tubling T-Wellinead Equip B-B-Tanks B-B-Flowlines/Pipelines B-B-Tanks B-B-Flowlines/Pipelines B-B-Tanks B-B-B-B-Tanks B-B-B-B-B-Tanks B-B-B-B-Tanks B-B-B-Tanks B-B-Tanks B-B-Tan	401 402 403 405 504 510 511 511 512 513 514 515 521 522 523 525 526 527 531		S .	\$ 253,000,00 \$ 628,000,00 \$ 115,000,00	\$ 61,000.00  \$ 142,000.00  \$ 55,000.00  \$ 7,702,000.00	\$ 35,000,00 \$ 251,000,00 \$ 154,000,00 \$ 261,000,00 \$ 35,000,00 \$ 26,000,00 \$ 26,000,00 \$ 42,000,00 \$ 342,000,00 \$ 1,234,000,00  Date Prepared:  COG Operating LLC	\$ 18,000.00 \$ 67,000.00 \$ 175,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 32,000.0 \$ 253,000.0 \$ 113,000.0 \$ 113,000.0 \$ 113,000.0 \$ 13,000.0 \$ 78,000.0 \$ 35,000.0 \$ 154,000.0 \$ 251,000.0 \$ 261,000.0 \$ 26,000.0 \$ 26,000.0 \$ 35,000.0 \$ 26
P-Surface Casing D-Intermed Cag D-Production Casing/Liner Wellhead Equip Tubing Tubing Wellhead Equip B-Tanks B-Flowlines/Pipelines B-Howlines/Pipelines B-Howlines/Pipelines B-Howlines/Pipelines B-Hitr Trit/Peptr B-Electrical System/Equipment P-Pckrs/Anchors/Highs B-Couplings/Filtings/Valves B-Pumps-Surface B-Pumps-Surface B-Bustrumentation/SCADA/POC B-Miscellaneous B-Histrumentation/SCADA/POC B-Miscellaneous B-Histrumentation/SCADA/POC B-Miscellaneous B-Flares/Combusters/Emission -Gas Lift/Compression CCtWellhead Equipment otal Tangible Costs otal Gross Cost lote: The above costs are estimates only OG Operating LLC yy:  Ve approve:  % Working Interest iompany:	401 402 403 405 504 510 511 511 512 513 514 515 521 522 523 525 526 527 531		S .	\$ 253,000,00 \$ 628,000,00 \$ 115,000,00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 7,702,000.00	\$ 35,000,00 \$ 251,000,00 \$ 154,000,00 \$ 261,000,00 \$ 35,000,00 \$ 26,000,00 \$ 26,000,00 \$ 42,000,00 \$ 342,000,00 \$ 1,234,000,00  Date Prepared:  COG Operating LLC	\$ 18,000.00 \$ 67,000.00 \$ 175,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 32,000.0 \$ 253,000.0 \$ 113,000.0 \$ 113,000.0 \$ 113,000.0 \$ 13,000.0 \$ 78,000.0 \$ 35,000.0 \$ 154,000.0 \$ 251,000.0 \$ 261,000.0 \$ 26,000.0 \$ 26,000.0 \$ 35,000.0 \$ 26

| Well Name | FLAMING SNAIL FED COM 801H | SHL | S05 FNL, 975 FEL | OR | BHL | 200 FSL, 330 FEL | OR | Formation | WOLFCAMP | Legal | ALL SECS 28 & 33, 255-27E & ALL SEC 4, 265-27E | OR UNIT A OR UNIT P T25S-R27E T26S-R27E

Logu	ALL SECS 20 G S	33, 25S-27E & ALL SEC 4, 26S-2	1/E				140	9,775	
ost Description	Code	PreSpud (PS)	Pre-Set Casing(PC)	Drilling (DR)	Completions (C)	Tank Btty Constrctn(TB)	Pmpq Equip (PEQ)	Revision	To
tangible Costs								T -	
-Lctn/Pits/Roads	205							\$ -	\$ 145,000
-Drilling Overhead	206			\$ 11,000.00				\$ -	\$ 11,000
-Daywork Contract	209							\$ -	\$ 789,000
Directional Drlg Services	210			\$ 421,000.00				\$ -	\$ 421,000
-Fuel & Power	211			\$ 136,000.00				\$ -	\$ 136,000
-Water	212		:					\$ -	\$ 115,000
Bits	213		:					\$ -	\$ 145,000
-Mud & Chemicals	214		:					\$ -	\$ 297,000
Cement Surface	217			\$ 29,000.00				\$ -	\$ 29,000
Cement Intermed	218			\$ 114,000.00				\$ -	\$ 114,000
-Prod-2nd Int Cmt	219		:	\$ 168,000.00				\$ -	\$ 168,000
Float Equipment & Centralizers	221		:	\$ 92,000.00				\$ -	\$ 92,000
Csg Crews & Equip	222		:					\$ -	\$ 99,000
-Contract Labor	225		:					\$ -	\$ 10,000
-Company Sprvsn	226		:					\$ -	\$ 66,000
-Contract Sprvsn	227		:	\$ 165,000.00				\$ -	\$ 165,000
Tstg Csg/Tbg	228			\$ 61,000.00				\$ -	\$ 61,000
Mud Logging Unit	229			\$ 61,000.00				\$ -	\$ 61,000
Rentals-Surface	235							\$ -	\$ 256,000
Rentals-Subsrfc	236							\$ -	\$ 119,000
Trucking/Forklift/Rig Mob	237							\$ -	\$ 244,000
-Welding Services	238							\$ -	\$ 5,000
-Contingency	243							•	\$ 92,000
Envrnmti/Clsd Loop	244			\$ 403,000.00				\$ -	\$ 403,000
Wellbore Frac Prep	304				\$ 209,000.00			\$ -	\$ 209,000
Lctn/Pits/Roads	305				\$ 22,000.00			\$ -	\$ 22,000
Completion OH	306				\$ 33,000.00			\$ -	\$ 33,000
Frac Equipment	307				\$ 1,430,000.00			\$ -	\$ 1,430,000
Frac Chemicals	308				\$ 906,000.00			\$ -	\$ 906,000
Frac Proppant	309				\$ 411,000.00			\$ -	\$ 411,000
Frac Proppant Transportation	310				\$ 639,000.00			\$ -	\$ 639,000
Fuel Delivery & Services	311				\$ 92,000.00			\$ -	\$ 92,000
Water	312				\$ 604,000.00			\$ -	\$ 604,000
Frac Surface Rentals	315			-	\$ 570,000.00			\$ -	\$ 570,000
Contract Labor	325				\$ 22,000.00			\$ -	\$ 22,000
Company Sprvsn	326				\$ 22,000.00			\$ -	\$ 22,000
Contract Sprvsn	327				\$ 305,000.00			\$ -	\$ 305,000
Artificial Lift Install	329				\$ 98,000.00			\$ -	\$ 98,000
Perf/Wireline Svc	331				\$ 702,000.00			\$ -	\$ 702,000
Trucking/Forklift/Rig Mob	337				\$ 22,000.00			\$ -	\$ 22,000
Water Disposal	339				\$ 22,000.00			\$ -	\$ 87,000
Contingency	343							\$ -	\$ 163,000
	345				\$ 163,000.00			\$ -	\$ 342,000
Dyed Diesel					\$ 342,000.00 \$ 652,000.00			\$ -	
Drillout	346 351				\$ 652,000.00			\$ -	
3-Damages/Right of Way						\$ 2,000.00			
3-Location/Pits/Roads	353					\$ 45,000.00		\$ -	\$ 45,000
3-Contract Labor	356					\$ 244,000.00		\$ -	\$ 244,000
Q-Contract Labor	374						\$ 18,000.00		\$ 18,000
Q-Water Disposal	387						\$ 81,000.00		\$ 81,000
Q-HRZ Well Offset Frac	391						\$ 9,000.00		\$ 9,000
otal Intangible Costs		\$ -	\$ -	\$ 4,043,000.00	\$ 7,331,000.00	\$ 291,000.00	\$ 108,000.00	\$ -	\$ 11,773,000
angible Costs					·				
EQ-Flowback Crews & Equip	392						\$ 49,000.00	\$ -	\$ 49,000
Surface Casing	401			\$ 32,000.00				\$ -	\$ 32,000
Intermed Csg	402			\$ 253,000.00				\$ -	\$ 253,000
Production Casing/Liner	403			\$ 628,000.00				\$ -	\$ 628,000
-Wellhead Equip	405			\$ 115,000.00				\$ -	\$ 115,000
Tubing	504			.,,	\$ 113,000.00			\$ -	\$ 113,000
Wellhead Equip	505				\$ 61,000.00			\$ -	\$ 61,000
3-Tanks	510				- 01,000.00	\$ 78,000.00		\$ -	\$ 78,000
3-Flowlines/Pipelines	511					\$ 35,000.00		\$ -	\$ 35,000
	512								
3-Htr Trtr/Seprtr 3-Flectrical System/Equipment	512					\$ 251,000.00 \$ 154,000.00		\$ -	\$ 251,000 \$ 154,000
3-Electrical System/Equipment Pckrs/Anchors/Hgrs	513				\$ 142,000.00	ψ 154,000.00		_	\$ 154,000
					ψ 142,000.00	004.000.00			
3-Couplings/Fittings/Valves	515					\$ 261,000.00		\$ -	\$ 261,000
3-Pumps-Surface	521					\$ 35,000.00		\$ -	\$ 35,000
3-Instrumentation/SCADA/POC	522					\$ 26,000.00		\$ -	\$ 26,000
3-Miscellaneous	523					\$ 26,000.00		\$ -	\$ 26,000
3-Meters/Lacts	525					\$ 35,000.00		\$ -	\$ 35,000
3-Flares/Combusters/Emission	526					\$ 42,000.00		\$ -	\$ 42,000
Gas Lift/Compression	527				\$ 55,000.00			\$ -	\$ 55,000
EQ-Wellhead Equipment	531						\$ 18,000.00	\$ -	\$ 18,000
otal Tangible Costs		\$ -	\$	\$ 1,028,000.00	\$ 371,000.00	\$ 943,000.00	\$ 67,000.00	\$ -	\$ 2,409,000
otal Gross Cost		\$ -	\$ -	\$ 5,071,000.00	\$ 7,702,000.00	\$ 1,234,000.00	\$ 175,000.00	\$ -	\$ 14,182,00
otal Gross Cost  ote: The above costs are estimates only  DG Operating LLC  F:  Ye approve:  % Working Interest			\$ -	\$ 5,071,000.00		Date Prepared: COG Operating LLC	10.25.22		-
ompany:						By:			-
<i>:</i> :									

 
 Well Name
 FLAMING SNAIL FED COM 802H

 SHL
 505 FML, 1005 FEL
 OR

 BHL
 200 FSL, 1210 FEL
 OR

 Formation
 WOLFCAMP
 Logal
 ALL SEC 28 & 33, 255-27E & ALL SEC 4, 265-27E
 OR UNIT A OR UNIT P T25S-R27E T26S-R27E

Leg	al ALL SECS 28 & 3	33, 25S-27E & ALL SEC 4, 26S-27	E				TVD	9,775	
Cost Description	Code	PreSpud (PS)	Pre-Set Casing(PC)	Drilling (DR)	Completions (C)	Tank Btty Constrctn(TB)	Pmpq Equip (PEQ)	Revision	
ntangible Costs									
D-Lctn/Pits/Roads	205		:	\$ 145,000.00				\$ -	\$ 145,00
D-Drilling Overhead	206		:	\$ 11,000.00				\$	\$ 11,00
)-Daywork Contract	209		:	\$ 789,000.00				\$	\$ 789,00
9-Directional Drlg Services	210		:	\$ 421,000.00				\$ -	\$ 421,00
)-Fuel & Power	211			\$ 136,000.00				\$ -	\$ 136,00
)-Water	212			\$ 115,000.00				\$ -	\$ 115,00
)-Bits	213			\$ 145,000.00				\$ -	\$ 145,00
O-Mud & Chemicals	214			\$ 297,000.00				\$ -	\$ 297,00
D-Cement Surface	217			\$ 29,000.00				\$ -	\$ 29,00
D-Cement Intermed	218			\$ 114,000.00				\$ -	\$ 114,00
D-Prod-2nd Int Cmt	219			\$ 168,000.00				\$ -	\$ 168,00
D-Float Equipment & Centralizers	221							\$ -	\$ 92,00
	222							\$ -	
O-Csg Crews & Equip		<del></del>							
O-Contract Labor	225			\$ 10,000.00				*	\$ 10,00
D-Company Sprvsn	226			\$ 66,000.00				\$ -	\$ 66,00
D-Contract Sprvsn	227			\$ 165,000.00				\$ -	\$ 165,00
O-Tstg Csg/Tbg	228			\$ 61,000.00				\$ -	\$ 61,00
D-Mud Logging Unit	229		:	\$ 61,000.00				\$	\$ 61,00
O-Rentals-Surface	235		:	\$ 256,000.00				\$ -	\$ 256,00
O-Rentals-Subsrfc	236			\$ 119,000.00				\$ -	\$ 119,00
0-Trucking/Forklift/Rig Mob	237			\$ 244,000.00				\$ -	\$ 244,00
D-Welding Services	238			\$ 5,000.00				\$ -	\$ 5,00
O-Contingency	243	<del>                                     </del>		\$ 92,000.00				\$ -	\$ 92,00
	244	+	l.						
D-Envrnmtl/Clsd Loop				\$ 403,000.00					\$ 403,00
C-Wellbore Frac Prep	304	+			\$ 209,000.00				\$ 209,00
C-Lctn/Pits/Roads	305				\$ 22,000.00			\$ -	\$ 22,00
C-Completion OH	306				\$ 33,000.00			\$ -	\$ 33,00
C-Frac Equipment	307				\$ 1,430,000.00			\$ -	\$ 1,430,00
C-Frac Chemicals	308				\$ 906,000.00			\$ -	\$ 906,00
C-Frac Proppant	309				\$ 411,000.00			\$ -	\$ 411,00
C-Frac Proppant Transportation	310				\$ 639,000.00			\$ -	\$ 639,00
C-Fuel Delivery & Services	311				\$ 92,000.00			\$ -	\$ 92,00
C-Water	312				\$ 604,000.00			\$ -	\$ 604,00
C-Frac Surface Rentals	315	+			\$ 570,000.00				\$ 570,00
C-Contract Labor	325	+							
								\$ -	
C-Company Sprvsn	326				\$ 22,000.00			\$ -	\$ 22,00
C-Contract Sprvsn	327				\$ 305,000.00			\$ -	\$ 305,00
C-Artificial Lift Install	329				\$ 98,000.00			\$ -	\$ 98,00
C-Perf/Wireline Svc	331				\$ 702,000.00			\$ -	\$ 702,00
-Trucking/Forklift/Rig Mob	337				\$ 22,000.00			\$ -	\$ 22,00
C-Water Disposal	339				\$ 87,000.00			\$ -	\$ 87,00
C-Contingency	343				\$ 163,000.00			\$ -	\$ 163,00
C-Dyed Diesel	345				\$ 342,000.00			\$ -	\$ 342,00
C-Drillout	346				\$ 652,000.00			\$ -	\$ 652,00
FB-Damages/Right of Way	351				\$ 632,000.00				
						\$ 2,000.00			
TB-Location/Pits/Roads	353					\$ 45,000.00		\$ -	\$ 45,00
FB-Contract Labor	356					\$ 244,000.00		\$ -	\$ 244,00
PEQ-Contract Labor	374						\$ 18,000.00	\$ -	\$ 18,00
PEQ-Water Disposal	387						\$ 81,000.00	\$ -	\$ 81,00
PEQ-HRZ Well Offset Frac	391						\$ 9,000.00	\$ -	\$ 9,00
Total Intangible Costs		- !	\$ -	\$ 4,043,000.00	\$ 7,331,000.00	\$ 291,000.00	\$ 108,000.00	\$ -	\$ 11,773,00
Tangible Costs									
PEQ-Flowback Crews & Equip	392						\$ 49,000.00	\$ -	\$ 49,00
O-Surface Casing	401			\$ 32,000.00			,	\$ -	\$ 32,00
	402			\$ 253,000.00				\$ -	
O-Intermed Csg									
D-Production Casing/Liner	403			\$ 628,000.00				\$ -	\$ 628,00
D-Wellhead Equip	405			\$ 115,000.00				\$ -	\$ 115,00
C-Tubing	504				\$ 113,000.00			\$ -	\$ 113,00
C-Wellhead Equip	505				\$ 61,000.00			\$ -	\$ 61,00
FB-Tanks	510					\$ 78,000.00		\$ -	\$ 78,00
FB-Flowlines/Pipelines	511					\$ 35,000.00		\$ -	\$ 35,00
FB-Htr Trtr/Seprtr	512					\$ 251,000.00		\$ -	\$ 251,00
FB-Electrical System/Equipment	513					\$ 154,000.00		\$ -	\$ 154,00
-Pckrs/Anchors/Hgrs	514				\$ 142,000.00			\$ -	\$ 142,00
B-Couplings/Fittings/Valves	515				,	\$ 261,000.00		\$ -	\$ 261,00
FB-Pumps-Surface	521	<del>                                     </del>				\$ 35,000.00		\$ -	\$ 35,00
FB-Instrumentation/SCADA/POC									
	522					\$ 26,000.00		•	\$ 26,00
B-Miscellaneous	523	+				\$ 26,000.00		\$ -	\$ 26,00
FB-Meters/Lacts	525	+				\$ 35,000.00		\$ -	\$ 35,00
FB-Flares/Combusters/Emission	526					\$ 42,000.00		\$ -	\$ 42,00
		1			\$ 55,000.00			\$ -	\$ 55,00
C-Gas Lift/Compression	527								\$ 18,00
							\$ 18,000.00	\$ -	+ 10,01
PEQ-Wellhead Equipment	527	\$ \$	\$ <u>-  </u>	\$ 1,028,000.00	\$ 371,000.00	\$ 943,000.00	\$ 18,000.00 \$ 67,000.00	\$ -	\$ 2,409,00
EQ-Wellhead Equipment otal Tangible Costs	527	\$ - !	\$ -	\$ 1,028,000.00	\$ 371,000.00	\$ 943,000.00	\$ 67,000.00	\$ -	\$ 2,409,00
PEQ-Wellhead Equipment Fotal Tangible Costs	527	\$ - !	\$ -	\$ 1,028,000.00	\$ 371,000.00	\$ 943,000.00	\$ 67,000.00	\$ -	\$ 2,409,
EQ-Wellhead Equipment	527 531	\$ - S	\$ - \$ -	\$ 1,028,000.00 \$ 5,071,000.00		Date Prepared:	\$ 67,000.00	\$ -	\$ 2,409,0
EC-Wellhead Equipment otal Tangible Costs  otal Gross Cost ote: The above costs are estimates or DG Operating LLC  y:  /e approve:  % Working Interest ompany:	527 531	\$ - S	\$ ·	\$ 1,028,000.00 \$ 5,071,000.00			\$ 67,000.00 \$ 175,000.00	\$ -	\$ 2,409,0
IG-Wellhead Equipment otal Tangible Costs otal Gross Cost ote: The above costs are estimates or OG Operating LLC  // // // // // // // // // // // // /	527 531	\$ - S	\$ ·	\$ 1,028,000.00 \$ 5,071,000.00		Date Prepared: COG Operating LLC	\$ 67,000.00 \$ 175,000.00 10.25.22	\$ -	\$ 2,409,0

OR UNIT A OR UNIT O T25S-R27E T26S-R27E

Logu	ALL SECS 20 G S	33, 25S-27E & ALL SEC 4, 26S-2	1/E				140	9,775	
ost Description	Code	PreSpud (PS)	Pre-Set Casing(PC)	Drilling (DR)	Completions (C)	Tank Btty Constrctn(TB)	Pmpq Equip (PEQ)	Revision	To
tangible Costs								T -	
-Lctn/Pits/Roads	205							\$ -	\$ 145,000
-Drilling Overhead	206			\$ 11,000.00				\$ -	\$ 11,000
-Daywork Contract	209							\$ -	\$ 789,000
Directional Drlg Services	210			\$ 421,000.00				\$ -	\$ 421,000
-Fuel & Power	211			\$ 136,000.00				\$ -	\$ 136,000
-Water	212		:					\$ -	\$ 115,000
Bits	213		:					\$ -	\$ 145,000
-Mud & Chemicals	214		:					\$ -	\$ 297,000
Cement Surface	217			\$ 29,000.00				\$ -	\$ 29,000
Cement Intermed	218			\$ 114,000.00				\$ -	\$ 114,000
-Prod-2nd Int Cmt	219		:	\$ 168,000.00				\$ -	\$ 168,000
Float Equipment & Centralizers	221		:	\$ 92,000.00				\$ -	\$ 92,000
Csg Crews & Equip	222		:					\$ -	\$ 99,000
-Contract Labor	225		:					\$ -	\$ 10,000
-Company Sprvsn	226		:					\$ -	\$ 66,000
-Contract Sprvsn	227		:	\$ 165,000.00				\$ -	\$ 165,000
Tstg Csg/Tbg	228			\$ 61,000.00				\$ -	\$ 61,000
Mud Logging Unit	229			\$ 61,000.00				\$ -	\$ 61,000
Rentals-Surface	235							\$ -	\$ 256,000
Rentals-Subsrfc	236							\$ -	\$ 119,000
Trucking/Forklift/Rig Mob	237							\$ -	\$ 244,000
-Welding Services	238							\$ -	\$ 5,000
-Contingency	243							•	\$ 92,000
Envrnmti/Clsd Loop	244			\$ 403,000.00				\$ -	\$ 403,000
Wellbore Frac Prep	304				\$ 209,000.00			\$ -	\$ 209,000
Lctn/Pits/Roads	305				\$ 22,000.00			\$ -	\$ 22,000
Completion OH	306				\$ 33,000.00			\$ -	\$ 33,000
Frac Equipment	307				\$ 1,430,000.00			\$ -	\$ 1,430,000
Frac Chemicals	308				\$ 906,000.00			\$ -	\$ 906,000
Frac Proppant	309				\$ 411,000.00			\$ -	\$ 411,000
Frac Proppant Transportation	310				\$ 639,000.00			\$ -	\$ 639,000
Fuel Delivery & Services	311				\$ 92,000.00			\$ -	\$ 92,000
Water	312				\$ 604,000.00			\$ -	\$ 604,000
Frac Surface Rentals	315			-	\$ 570,000.00			\$ -	\$ 570,000
Contract Labor	325				\$ 22,000.00			\$ -	\$ 22,000
Company Sprvsn	326				\$ 22,000.00			\$ -	\$ 22,000
Contract Sprvsn	327				\$ 305,000.00			\$ -	\$ 305,000
Artificial Lift Install	329				\$ 98,000.00			\$ -	\$ 98,000
Perf/Wireline Svc	331				\$ 702,000.00			\$ -	\$ 702,000
Trucking/Forklift/Rig Mob	337				\$ 22,000.00			\$ -	\$ 22,000
Water Disposal	339				\$ 22,000.00			\$ -	\$ 87,000
Contingency	343							\$ -	\$ 163,000
	345				\$ 163,000.00			\$ -	\$ 342,000
Dyed Diesel					\$ 342,000.00 \$ 652,000.00			\$ -	
Drillout	346 351				\$ 652,000.00			\$ -	
3-Damages/Right of Way						\$ 2,000.00			
3-Location/Pits/Roads	353					\$ 45,000.00		\$ -	\$ 45,000
3-Contract Labor	356					\$ 244,000.00		\$ -	\$ 244,000
Q-Contract Labor	374						\$ 18,000.00		\$ 18,000
Q-Water Disposal	387						\$ 81,000.00		\$ 81,000
Q-HRZ Well Offset Frac	391						\$ 9,000.00		\$ 9,000
otal Intangible Costs		\$ -	\$ -	\$ 4,043,000.00	\$ 7,331,000.00	\$ 291,000.00	\$ 108,000.00	\$ -	\$ 11,773,000
angible Costs					·				
EQ-Flowback Crews & Equip	392						\$ 49,000.00	\$ -	\$ 49,000
Surface Casing	401			\$ 32,000.00				\$ -	\$ 32,000
Intermed Csg	402			\$ 253,000.00				\$ -	\$ 253,000
Production Casing/Liner	403			\$ 628,000.00				\$ -	\$ 628,000
-Wellhead Equip	405			\$ 115,000.00				\$ -	\$ 115,000
Tubing	504			.,,	\$ 113,000.00			\$ -	\$ 113,000
Wellhead Equip	505				\$ 61,000.00			\$ -	\$ 61,000
3-Tanks	510				- 01,000.00	\$ 78,000.00		\$ -	\$ 78,000
3-Flowlines/Pipelines	511					\$ 35,000.00		\$ -	\$ 35,000
	512								
3-Htr Trtr/Seprtr 3-Flectrical System/Equipment	512					\$ 251,000.00 \$ 154,000.00		\$ -	\$ 251,000 \$ 154,000
3-Electrical System/Equipment Pckrs/Anchors/Hgrs	513				\$ 142,000.00	ψ 154,000.00		_	\$ 154,000
					ψ 142,000.00	004.000.00			
3-Couplings/Fittings/Valves	515					\$ 261,000.00		\$ -	\$ 261,000
3-Pumps-Surface	521					\$ 35,000.00		\$ -	\$ 35,000
3-Instrumentation/SCADA/POC	522					\$ 26,000.00		\$ -	\$ 26,000
3-Miscellaneous	523					\$ 26,000.00		\$ -	\$ 26,000
3-Meters/Lacts	525					\$ 35,000.00		\$ -	\$ 35,000
3-Flares/Combusters/Emission	526					\$ 42,000.00		\$ -	\$ 42,000
Gas Lift/Compression	527				\$ 55,000.00			\$ -	\$ 55,000
EQ-Wellhead Equipment	531						\$ 18,000.00	\$ -	\$ 18,000
otal Tangible Costs		\$ -	\$ -	\$ 1,028,000.00	\$ 371,000.00	\$ 943,000.00	\$ 67,000.00	\$ -	\$ 2,409,000
otal Gross Cost		\$ -	\$ -	\$ 5,071,000.00	\$ 7,702,000.00	\$ 1,234,000.00	\$ 175,000.00	\$ -	\$ 14,182,00
otal Gross Cost  ote: The above costs are estimates only  DG Operating LLC  F:  Ye approve:  % Working Interest			\$ -	\$ 5,071,000.00		Date Prepared: COG Operating LLC	10.25.22		-
ompany:						By:			-
<i>:</i> :									

T25S-R27E T26S-R27E

| Well Name | FLAMING SNAIL FED COM 804H | SHL | S55 FNL, 1715 FWL | OR | BHL | 200 FSL, 2210 FVL | OR | Formation | WOLFCAMP | Legal | ALL SECS 28 & 33, 255-27E & ALL SEC 4, 265-27E | OR UNIT C OR UNIT N Prospect ATLAS 2527
State & County NEW MEXICO, EDDY
Objective DRILL & COMPLETE
Depth 25,115
TVD 9,775

Cost Description			E				TVD		
	Code	PreSpud (PS)	Pre-Set Casing(PC)	Drilling (DR)	Completions (C)	Tank Btty Constrctn(TB)	Pmpq Equip (PEQ)	Revision	Т
ntangible Costs									
-Lctn/Pits/Roads	205		\$	145,000.00					\$ 145,000
-Drilling Overhead	206		\$	11,000.00					\$ 11,000
-Daywork Contract	209		\$	789,000.00					\$ 789,000
Directional Drlg Services	210		\$	421,000.00					\$ 421,000
Fuel & Power	211		\$	136,000.00					\$ 136,000
Water Bits	212 213		\$	115,000.00 145,000.00				-	\$ 115,000 \$ 145,000
-Mud & Chemicals	214		s	297.000.00					\$ 297,000
-Cement Surface	217		s	29.000.00					\$ 29,000
-Cement Intermed	218		s	114,000.00					\$ 114,000
Prod-2nd Int Cmt	219		s	168,000.00					\$ 168,000
-Float Equipment & Centralizers	221		s	92,000.00					\$ 92,000
-Csg Crews & Equip	222		s	99,000.00				\$ -	\$ 99,000
-Contract Labor	225		s	10,000.00					\$ 10,000
-Company Sprvsn	226		s	66,000.00				\$ -	\$ 66,000
-Contract Sprvsn	227		s	165,000.00				\$ -	\$ 165,000
-Tstg Csg/Tbg	228		s	61,000.00				\$ -	\$ 61,000
-Mud Logging Unit	229		s	61,000.00				\$ -	\$ 61,000
-Rentals-Surface	235		\$	256,000.00					\$ 256,00
-Rentals-Subsrfc	236		s	119,000.00				\$ -	\$ 119,000
-Trucking/Forklift/Rig Mob	237		s	244,000.00				\$ -	\$ 244,00
-Welding Services	238		\$	5,000.00				\$ -	\$ 5,00
Contingency	243		s	92,000.00					\$ 92,00
-Envrnmtl/Clsd Loop	244		s	403,000.00		_		\$ -	\$ 403,00
Wellbore Frac Prep	304				\$ 209,000.00			\$ -	\$ 209,00
-Lctn/Pits/Roads	305				\$ 22,000.00			\$ -	\$ 22,00
Completion OH	306				\$ 33,000.00				\$ 33,00
Frac Equipment	307				\$ 1,430,000.00				\$ 1,430,00
Frac Chemicals	308				\$ 906,000.00			\$ -	\$ 906,00
-Frac Proppant	309				\$ 411,000.00				\$ 411,00
-Frac Proppant Transportation	310				\$ 639,000.00				\$ 639,00
-Fuel Delivery & Services	311				\$ 92,000.00				\$ 92,00
-Water	312				\$ 604,000.00			\$ -	\$ 604,00
Frac Surface Rentals	315				\$ 570,000.00				\$ 570,00
Contract Labor	325				\$ 22,000.00			\$ -	\$ 22,00
Company Sprvsn	326				\$ 22,000.00			\$ -	\$ 22,00
-Contract Sprvsn	327				\$ 305,000.00			\$ -	\$ 305,00
Artificial Lift Install	329				\$ 98,000.00			\$ -	\$ 98,00
-Perf/Wireline Svc	331				\$ 702,000.00				\$ 702,000
Trucking/Forklift/Rig Mob	337				\$ 22,000.00			\$ -	\$ 22,00
Water Disposal	339				\$ 87,000.00			\$ -	\$ 87,00
Contingency	343				\$ 163,000.00			\$ -	\$ 163,00
-Dyed Diesel	345				\$ 342,000.00				\$ 342,00
Drillout	346				\$ 652,000.00				\$ 652,00
B-Damages/Right of Way	351					\$ 2,000.00			\$ 2,000
B-Location/Pits/Roads	353					\$ 45,000.00			\$ 45,000
B-Contract Labor	356					\$ 244,000.00			\$ 244,000
EQ-Contract Labor	374						\$ 18,000.00	S -	\$ 18,000
EQ-Water Disposal									
	387						\$ 81,000.00	\$ -	\$ 81,000
EQ-HRZ Well Offset Frac	391			4 0 4 0 0 0 0 0 0	7,004,000,00		\$ 81,000.00 \$ 9,000.00	\$ - \$ -	\$ 9,000
EQ-HRZ Well Offset Frac		\$ - :	\$ - \$	4,043,000.00	\$ 7,331,000.00	\$ 291,000.00	\$ 81,000.00 \$ 9,000.00	\$ - \$ -	
EQ-HRZ Well Offset Frac otal Intangible Costs	391	\$ - :	- \$	4,043,000.00	\$ 7,331,000.00	\$ 291,000.00	\$ 81,000.00 \$ 9,000.00	\$ - \$ -	\$ 9,000
EQ-HRZ Well Offset Frac otal Intangible Costs angible Costs	391	\$ -	\$ - \$	4,043,000.00	\$ 7,331,000.00	\$ 291,000.00	\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$ - \$ - \$	\$ 9,00 \$ 11,773,00
EQ-HRZ Well Offset Frac otal Intangible Costs angible Costs EQ-Flowback Crews & Equip	391	\$ -			\$ 7,331,000.00	\$ 291,000.00	\$ 81,000.00 \$ 9,000.00	\$ - \$ -	\$ 9,00 \$ 11,773,00 \$ 49,00
EQ-HRZ Well Offset Frac otal Intangible Costs angible Costs EQ-Flowback Crews & Equip -Surface Casing	391 392 401	s -	\$	32,000.00	\$ 7,331,000.00	\$ 291,000.00	\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$ - \$ - \$ -	\$ 9,00 \$ 11,773,00 \$ 49,00 \$ 32,00
EQ-HRZ Well Offset Frac otal Intangible Costs angible Costs EQ-Flowback Crews & Equip Surface Casing Intermed Csg	391 392 401 402	s -	\$ \$	32,000.00 253,000.00	\$ 7,331,000.00	\$ 291,000.00	\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$ - \$ - \$ - \$ - \$ -	\$ 9,00 \$ 11,773,00 \$ 49,00 \$ 32,00 \$ 253,00
EQ-HRZ Well Offset Frac otal Intangible Costs  angible Costs  EQ-Flowback Crews & Equip -Surface Casing -Intermed Csg -Production Casing/Liner	391 392 401 402 403	\$ -	\$ \$	32,000.00 253,000.00 628,000.00	\$ 7,331,000.00	\$ 291,000.00	\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 9,000 \$ 11,773,000 \$ 49,000 \$ 32,000 \$ 253,000 \$ 628,000
EQ-HBZ Well Offset Frac otal Intangible Costs  angible Costs  EQ-Flowback Crews & Equip  -Surface Casing -Intermed Csg  -Production Casing/Liner  -Wellhead Equip	391 392 401 402 403 405	\$ -	\$ \$	32,000.00 253,000.00		\$ 291,000.00	\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$ - \$   \$   \$   \$   \$   \$   \$   \$   \$	\$ 9,000 \$ 11,773,000 \$ 49,000 \$ 32,000 \$ 253,000 \$ 628,000 \$ 115,000
EQ-HBZ Well Offset Frac otal Intangible Costs angible Costs EQ-Flowback Crews & Equip -Surface Casing -Intermed Cgg -Production Casing/Liner -Wellhead Equip -Tubing	391 392 401 402 403 405 504	s -	\$ \$	32,000.00 253,000.00 628,000.00	\$ 113,000.00	\$ 291,000.00	\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 9,00 \$ 11,773,00 \$ 49,00 \$ 32,00 \$ 253,00 \$ 628,00 \$ 115,00 \$ 113,00
EQ-HBZ Well Offset Frac  otal Intangible Costs  EQ-Flowback Crews & Equip  -Surface Casing  -Intermed Cig  -Production Casing/Liner  -Wellhead Equip  -Tubing	391 392 401 402 403 405 504 505	s -	\$ \$	32,000.00 253,000.00 628,000.00			\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 9,00 \$ 11,773,00 \$ 49,00 \$ 32,00 \$ 253,00 \$ 628,00 \$ 115,00 \$ 113,00 \$ 61,00
EQ-HBZ Well Offset Frac otal Intangible Costs angible Costs EQ-Flowback Crews & Equip -Surface Casing -Intermed Cg -Production Casing/Liner -Wellhead Equip -Tubing Wellhead Equip -Tanks	391 392 401 402 403 405 504 505 510	s .	\$ \$	32,000.00 253,000.00 628,000.00	\$ 113,000.00	\$ 78,000.00	\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 5 - \$ - \$	\$ 49.00 \$ 11,773,00 \$ 32,00 \$ 253,00 \$ 628,00 \$ 115,00 \$ 113,00 \$ 61,00 \$ 78,00
EQ-HBZ Well Offset Frac  otal Intangible Costs  angible Costs  EQ-Flowback Crews & Equip  -Surface Casing  -Intermed Csg  -Production Casing/Liner  -Wellhead Equip  -Tubing  -Wellhead Equip  -Tubing  -Wellmead Equip  -Tanks  -Flowlines/Pipelines	391 401 402 403 405 504 505 510 511	s .	\$ \$	32,000.00 253,000.00 628,000.00	\$ 113,000.00	\$ 78,000.00 \$ 35,000.00	\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 5 - \$ - \$	\$ 9,00 \$ 11,773,00 \$ 49,00 \$ 32,00 \$ 628,00 \$ 115,00 \$ 113,00 \$ 61,00 \$ 78,00 \$ 35,00
EQ-HBZ Well Offset Frac otal Intanglible Costs angible Costs EQ-Flowback Crews & Equip -Surface Casing -Intermed Csg -Production Casing/Liner -Wellhead Equip -Tubing -Tabing -Tanks -Flowlines/Pipelines -Hot Trirk-Spertr	392 401 402 403 405 504 505 510 511	s .	\$ \$	32,000.00 253,000.00 628,000.00	\$ 113,000.00	\$ 78,000.00 \$ 35,000.00 \$ 251,000.00	\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 9,00 \$ 11,773,00 \$ 49,00 \$ 32,00 \$ 253,00 \$ 115,00 \$ 113,00 \$ 61,00 \$ 78,00 \$ 35,00 \$ 251,00
EQ-HBZ Well Offset Frac  otal Intangible Costs  angible Costs  EQ-Flowback Crews & Equip  -Surface Casing  -Intermed Csg  -Production Casing/Liner  -Wellhead Equip  -Tubing  -Wellhead Equip  -Tubing  -Wellhead Equip  -S Tanks  -S Howlines/Pipellines  -Htr Trt/Septrt  -Sletctrical System/Equipment	391 392 401 402 403 405 504 505 510 511 512 513	\$ .	\$ \$	32,000.00 253,000.00 628,000.00	\$ 113,000.00 \$ 61,000.00	\$ 78,000.00 \$ 35,000.00	\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 5 - \$ - \$	\$ 9,00 \$ 11,773,00 \$ 49,00 \$ 32,00 \$ 253,00 \$ 61,00 \$ 61,00 \$ 78,00 \$ 35,00 \$ 251,00 \$ 154,00
19.4HEZ Well Offset Frac  val Intangible Costs  angible Costs  O-Flowback Crews & Equip  Surface Casing  intermed Csg  Production Casing/Liner  Wellhead Equip  Tubing  Wellhead Equip  1-Tanks  1-Flowlines/Pipelines  1-Howlines/Pipelines  1-Howlines/Pipelines  1-Electrical System/Equipment  1-Electrical System/Equipment	391 392 401 402 403 405 504 505 510 511 512 513 514	s .	\$ \$	32,000.00 253,000.00 628,000.00	\$ 113,000.00	\$ 78,000,00 \$ 35,000,00 \$ 251,000,00 \$ 154,000,00	\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 9,00 \$ 11,773,00 \$ 49,00 \$ 32,00 \$ 253,00 \$ 113,00 \$ 113,00 \$ 61,00 \$ 78,00 \$ 35,00 \$ 35,00 \$ 154,00 \$ 144,00
1Q-HBZ Well Offset Frac valal Intangible Costs angible Costs 1Q-Flowback Crews & Equip Surface Casing Intermed Csg Production Casing/Liner Wellhead Equip Tubing Wellhead Equip T-Tubing Wellhead Equip T-Tanks S-Flowlines/Pipelines S-HIT Trtr/Septrt S-Electrical System/Equipment Pekts/Anchors/Pigrs S-Couplings/Filings/Valves	391 392 401 402 403 405 504 505 510 511 512 513 514	s .	\$ \$	32,000.00 253,000.00 628,000.00	\$ 113,000.00 \$ 61,000.00	\$ 78,000.00 \$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00	\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 11,773,00 \$ 149,00 \$ 32,00 \$ 253,00 \$ 115,00 \$ 113,00 \$ 618,00 \$ 78,00 \$ 35,00 \$ 251,00 \$ 154,00 \$ 251,00 \$ 251,00 \$ 251,00 \$ 251,00 \$ 251,00 \$ 251,00 \$ 251,00 \$ 251,00
EQ-HBZ Well Offset Frac otal Intangible Costs sangible Costs EQ-Flowback Crews & Equip Surface Casing Intermed Cig Production Casing/Liner Wellhead Equip Tubing 3-Tanks 3-Tanks 3-Flowlines/Pipelines 9-Htt Trt/Epctrt 5-Electrical System/Equipment Pckrs/Anchors/Higrs 5-Coupling/Fittings/Valves 9-Pumps-Surface	391 392 401 402 403 405 504 505 510 511 512 513 514 515 521	\$ .	\$ \$	32,000.00 253,000.00 628,000.00	\$ 113,000.00 \$ 61,000.00	\$ 78,000.00 \$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 3,000.00	\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$ - \$ - \$ - \$ - \$ 5 - \$ 5 - \$ 5 - \$ 5 - \$ 5 - \$ 5 - \$ 5 - \$ 5	\$ 9,00 \$ 11,773,00 \$ 49,00 \$ 32,00 \$ 253,00 \$ 115,00 \$ 113,00 \$ 78,00 \$ 78,00 \$ 154,00 \$ 142,00 \$ 142,00 \$ 35,00 \$ 154,00 \$ 154,00 \$ 154,00 \$ 154,00 \$ 154,00 \$ 154,00 \$ 155,00 \$ 156,00 \$ 156,0
EQ-HBZ Well Offset Frac otal Intangible Costs angible Costs EQ-Flowback Crews & Equip -Surface Casing -Intermed Csg -Production Casing/Liner -Wellhead Equip -Tubing -	391 392 401 402 403 405 504 505 510 511 512 513 514 515 521	s .	\$ \$	32,000.00 253,000.00 628,000.00	\$ 113,000.00 \$ 61,000.00	\$ 78,000.00 \$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00 \$ 260,000.00	\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 9,00 \$ 11,773,00 \$ 49,00 \$ 32,00 \$ 253,00 \$ 115,00 \$ 61,00 \$ 61,00 \$ 78,00 \$ 251,00 \$ 154,00 \$ 154,00 \$ 142,00 \$ 142,00 \$ 261,00 \$ 35,00 \$ 261,00 \$ 261,00 \$ 35,00 \$ 261,00 \$ 35,00 \$ 35,00
EQ-HBZ Well Offset Frac  otal Intangible Costs  angible Costs  EQ-Flowback Crews & Equip  -Surface Casing -Intermed Csg -Production Casing/Liner -Wellhead Equip -Tubing -Wellhead Equip -Tubing -Her Trix/Septrs -B-Tankis -B-Howlines/Pipelines -Htr Trix/Septrs -Beterical System/Equipment -Pckrs/Anchors/Hgrs -B-Couplings/Fittings/Valves -B-Instrumentation/SCDA/POC -Miscellaneous	391 392 401 402 403 405 504 505 510 511 512 513 514 515 521 522 522	\$ .	\$ \$	32,000.00 253,000.00 628,000.00	\$ 113,000.00 \$ 61,000.00	\$ 78,000.00 \$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 36,000.00 \$ 36,000.00 \$ 26,000.00 \$ 26,000.00	\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 5 - \$ - \$	\$ 9,00 \$ 11,773,00 \$ 49,00 \$ 32,00 \$ 253,00 \$ 628,00 \$ 113,00 \$ 61,00 \$ 78,00 \$ 35,00 \$ 154,00 \$ 154,00 \$ 154,00 \$ 261,00 \$ 36,00 \$ 36,00 \$ 260,00 \$ 36,00 \$ 3
EQ-HBZ Well Offset Frac otal Intanglible Costs  angible Costs  EQ-Flowback Crews & Equip -Surface Casing -Intermed Cg -Production Casing/Liner -Wellhead Equip -Tubing -Tubing -Wellhead Equip -Tubing -Howlines/Pipelines -B-Hr Trrr/Septr -B-Electrical System/Equipment -Pcksr/Anchor/Hgrs -B-Couplings/Fittings/Valves -B-Pumps-Surface -Instrumentation/SCADA/POC -B-Miscellaneous -B-Meters/Lacts	391 392 401 402 403 405 504 505 510 511 512 513 514 515 521 522 523 525	s .	\$ \$	32,000.00 253,000.00 628,000.00	\$ 113,000.00 \$ 61,000.00	\$ 78,000.00 \$ 35,000.00 \$ 154,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00 \$ 226,000.00 \$ 226,000.00 \$ 35,000.00	\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 9,000 \$ 11,773,00 \$ 14,773,00 \$ 14,773,00 \$ \$ 49,000 \$ \$ 32,00 \$ \$ 253,00 \$ \$ 253,00 \$ \$ 115,000 \$ \$ 115,000 \$ \$ 78,000 \$ \$ 251,000 \$ \$ 251,000 \$ \$ 251,000 \$ \$ 261,000 \$ \$
EC-HEZ Well Offset Frac otal Intangible Costs  angible Costs  EC-Flowback Crews & Equip -Surface Casing -Intermed Cag -Production Casing/Liner -Wellhead Equip -Tulbing -Wellhead Equip -Tulbing -Wellhead Equip -Branks B-Flowlines/Pipelines B-Hort Trty/Spertr B-Electrical System/Equipment -Pekrs/Anchors/Pigrs B-Couplings/Filtings/Valves B-Purnys-Surface B-Burnys-Surface B-Histrumentation/SCADA/POC B-Miscellaneous B-Meters/Lacts -B-Hares/Combusters/Emission	391 392 401 402 403 405 504 505 510 511 512 513 514 515 521 522 523 525 526	s .	\$ \$	32,000.00 253,000.00 628,000.00	\$ 113,000.00 \$ 61,000.00 \$ 142,000.00	\$ 78,000.00 \$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 36,000.00 \$ 36,000.00 \$ 26,000.00 \$ 26,000.00	\$ 81,000.00 \$ 9,000.00 \$ 108,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 19,000 \$ 11,773,00 \$ 149,000 \$ \$ 32,000 \$ \$ 25,000 \$ \$ 115,000 \$ \$ 115,000 \$ \$ 115,000 \$ \$ 115,000 \$ \$ 115,000 \$ \$ 115,000 \$ \$ 142,000 \$ \$ 150,000 \$ 150,000 \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000 \$ \$ 150,000
EQ-HBZ Well Offset Frac otal Intanglible Costs  angible Costs EQ-Flowback Crews & Equip -Surface Casing -Intermed Cg -Production Casing/Liner -Wellhead Equip -Tubing -Tubing -Tubing -Hellhead Equip -B-Flanks -Flowines/Pipelines -B-Hr Trit/Spetr -B-Electrical System/Equipment -B-Electrical System/Equipment -B-Couplings/Fittings/Valves -B-Punps-Surface -B-Instrumentation/SCADA/POC -B-Miscellaneous -B-Metery/Lacts -B-Hares/Combusters/Emission -B-B-B-Gas Liff/Compression	391 392 401 402 403 405 504 505 510 511 512 513 514 515 521 522 523 526 527	s .	\$ \$	32,000.00 253,000.00 628,000.00	\$ 113,000.00 \$ 61,000.00	\$ 78,000.00 \$ 35,000.00 \$ 154,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00 \$ 226,000.00 \$ 226,000.00 \$ 35,000.00	\$ 81,000.00 \$ 108,000.00 \$ 108,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 9,000 \$ 11,773,00 \$ 11,773,00 \$ 14,000 \$ \$ 22,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 113,000 \$ \$ \$ 25,000 \$ \$ 113,000 \$ \$ 25,000 \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ \$ 25,000 \$ 2
EQ-HBZ Well Offset Frac of all Intanglible Costs  angible Costs  EQ-Flowback Crews & Equip -Surface Casing -Intermed Cg -Production Casing/Liner -Wellhead Equip -Tubing -Wellhead Equip -Tubing -Wellhead Equip -B-Tanks -B-Towlines/Pipelines -B-Hr Trirt/Septr -B-Electrical System/Equipment -Pcks/Anchors/Hgrs -B-Couplings/Fittings/Valves -B-Pumps-Surface -B-Hstrumertation/SCADA/POC -B-Miscellaneous -B-History-Lacts -B-History-Lact	391 392 401 402 403 405 504 505 510 511 512 513 514 515 521 522 523 525 526		\$ \$ \$ \$ \$ \$	32,000.00 253,000.00 628,000.00 115,000.00	\$ 113,000,00 \$ 61,000,00 \$ 142,000,00 \$ 55,000,00	\$ 78,000.00 \$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00 \$ 26,000.00 \$ 35,000.00 \$ 42,000.00	\$ 81,000.00 \$ 108,000.00 \$ 108,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 9,000 \$ 11,773,00 \$ 11,773,00 \$ 149,000 \$ \$ 32,000 \$ \$ 253,000 \$ \$ 155,000 \$ \$ 115,000 \$ \$ 115,000 \$ \$ 115,000 \$ \$ 155,000 \$ \$ 155,000 \$ \$ 155,000 \$ \$ 250,000 \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,000 \$ \$ 250,0
EQ-HBZ Well Offset Frac of all Intanglible Costs  angible Costs  EQ-Flowback Crews & Equip -Surface Casing -Intermed Cg -Production Casing/Liner -Wellhead Equip -Tubing -Wellhead Equip -Tubing -Wellhead Equip -B-Tanks -B-Towlines/Pipelines -B-Hr Trirt/Septr -B-Electrical System/Equipment -Pcks/Anchors/Hgrs -B-Couplings/Fittings/Valves -B-Pumps-Surface -B-Hstrumertation/SCADA/POC -B-Miscellaneous -B-History-Lacts -B-History-Lact	391 392 401 402 403 405 504 505 510 511 512 513 514 515 521 522 523 526 527		\$ \$	32,000.00 253,000.00 628,000.00	\$ 113,000.00 \$ 61,000.00 \$ 142,000.00	\$ 78,000.00 \$ 35,000.00 \$ 154,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00 \$ 226,000.00 \$ 226,000.00 \$ 35,000.00	\$ 81,000.00 \$ 108,000.00 \$ 108,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 9,000 \$ 11,773,00 \$ 11,773,00 \$ 149,00 \$ \$ 22,00 \$ \$ 250,00 \$ \$ 250,00 \$ \$ 250,00 \$ \$ 250,00 \$ \$ 250,00 \$ \$ 250,00 \$ \$ 250,00 \$ \$ 251,00 \$ 251,00 \$ \$ 251,00 \$ \$ 251,00 \$ \$ 251,00 \$ \$ 251,00 \$ \$ 251,00 \$ 251,00 \$ \$ 251,00 \$ \$ 251,00 \$ \$ 251,00 \$ \$ 251,00 \$ \$ 251,00 \$ 251,00 \$ \$ 251,00 \$ \$ 251,00 \$ \$ 251,00 \$ \$ 251,00 \$ \$ 251,00 \$ 251,00 \$ \$ 251,00 \$ \$ 251,00 \$ \$ 251,00 \$ \$ 251,00 \$ \$ 251,00 \$ \$ 251,00 \$ \$ 251,00 \$ \$ 251,00 \$ \$ 251,00 \$ \$ 251,00 \$ \$ 251,00 \$
FECHRIZ Well Offset Frac fotal Intangible Costs  Fangible Costs  FEC,Flowback Crews & Equip  - Surface Casing  - Dintermed Csg  - Production Casing/Liner  - Wellhead Equip  - Tubing  - Wellhead Equip  - Harris B- Flowlines/Pipelines  B- Flowlines/Pipelines  B- His Wellhead Equip  - B- Electrical System/Equipment  - Pecks/Anchors/Hgrs  B- Couplings/Fittings/Valves  B- B	391 392 401 402 403 405 504 505 510 511 512 513 514 515 522 523 526 527 531	s .	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32,000.00 253,000.00 628,000.00 115,000.00	\$ 113,000.00 \$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 78,000.00 \$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 35,000.00 \$ 35,000.00 \$ 26,000.00 \$ 26,000.00 \$ 42,000.00	\$ 81,000.00 \$ 108,000.00 \$ 108,000.00 \$ 49,000.00 \$ 18,000.00 \$ 18,000.00 \$ 67,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 9,0 9 11,773.0 \$ 11,773.0 \$ 149,0 9 5 \$ 12,0 13,0 14,0 15,0 15,0 15,0 15,0 15,0 15,0 15,0 15
#EQ-HAZ Well Offset Frac  rotal Intangible Costs  *angible Costs  EQ.Flowback Crews & Equip  -Surface Casing  -Intermed Cag  -Production Casing/Liner  -Wellhead Equip  -Tubing  -Wellhead Equip  -Tubing  -Wellhead Equip  -Branks  B-Flowlines/Pipelines  B-Hit Trtr/Septr  B-Electrical System/Equipment  -Peckrs/Anchors/Hgrs  B-Couplings/Fittings/Valves  B-Dumps-Surface  B-Burms-Surface  B-Murms-Surface  B-Mistrumentation/SCADA/POC  B-Mistcellaneous  B-Histrumentation  -Gas Lift/Compression  -Gas Lift/Compression  -Gas Lift/Compression  -GW-Wellhead Equipment	392 401 402 403 405 504 505 510 511 512 513 514 515 521 522 522 526 527 531	s	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32,000.00 253,000.00 628,000.00 115,000.00	\$ 113,000.00 \$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 78,000.00 \$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 35,000.00 \$ 35,000.00 \$ 26,000.00 \$ 26,000.00 \$ 42,000.00	\$ 81,000.00 \$ 108,000.00 \$ 108,000.00 \$ 49,000.00 \$ 18,000.00 \$ 18,000.00 \$ 67,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 9,0 9 11,773.0 \$ 11,773.0 \$ 149,0 9 5 \$ 12,0 13,0 14,0 15,0 15,0 15,0 15,0 15,0 15,0 15,0 15
10.4HBZ Well Offset Frac  tal Intangible Costs  angible Costs  10.4Flowback Crews & Equip  Surface Casing  Intermed Cg  Production Casing/Liner  Wellhead Equip  Tubing  Tubing  Tubing  15-Tanks  15-Tanks  15-Towlines/Pipelines  15-Hart Trt/Seprtr  16-Electrical System/Equipment  PEkrs/Anchors/Highs  1-Couplings/Fittings/Valves  19-Pumps-Surface  1-Instrumentation/ScADA/POC  1-Instrumentation/ScADA/POC  1-Instrumentation/ScADA/POC  1-Instrumentation/ScADA/POC  15-Instrumentation/ScADA/POC  15-Instrumentation/ScA	392 401 402 403 405 504 505 510 511 512 513 514 515 521 522 522 526 527 531	s	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32,000.00 253,000.00 628,000.00 115,000.00	\$ 113,000.00 \$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00	\$ 78,000.00 \$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 35,000.00 \$ 35,000.00 \$ 26,000.00 \$ 26,000.00 \$ 42,000.00	\$ 81,000.00 \$ 108,000.00 \$ 108,000.00 \$ 49,000.00 \$ 18,000.00 \$ 18,000.00 \$ 67,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 9,000 \$ 11,773,06 \$ 149,000 \$ \$ 11,773,06 \$ \$ 12,000 \$ \$ 2,400,00 \$ \$ 2,400,00 \$ \$ 2,400,00 \$ \$ 3,500,00 \$ 3,500,00 \$ \$ 3,500,00 \$ \$ 3,500,00 \$ \$ 3,500,00 \$ \$ 3,500,00 \$ \$
EQ-HBZ Well Offset Frac otal Intangible Costs  angible Costs  EQ-Flowback Crews & Equip -Surface Casing -Intermed Cig -Production Casing/Liner -Wellhead Equip -Tubing -Wellhead Equip -Tubing -Wellhead Equip -Tubing -Production Casing/Liner -Wellhead Equip -Tubing -Production Casing/Liner -Wellhead Equip -Tranks -Flowlines/Pipelines -Hir Trir/Septr -Flowlines/Pipelines -Hir Trir/Septr -Flowlines/Pipelines -Hir Trir/Septr -Bettrical System/Equipment -Peckrs/Anchors/Hgrs -Scouplings/Fittings/Valves -Pumps-Surface -Instrumentation/SCADA/POC -Britiscellaneous -Britisce	392 401 402 403 405 504 505 510 511 512 513 514 515 521 522 522 526 527 531	s	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32,000.00 253,000.00 628,000.00 115,000.00	\$ 113,000.00 \$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00 \$ 7,702,000.00	\$ 78,000.00 \$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 36,000.00 \$ 26,000.00 \$ 26,000.00 \$ 42,000.00 \$ 42,000.00 \$ 1,234,000.00	\$ 81,000.00 \$ 108,000.00 \$ 108,000.00 \$ 49,000.00 \$ 18,000.00 \$ 175,000.00 \$ 175,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 9,000 \$ 11,773,06 \$ 149,000 \$ \$ 11,773,06 \$ \$ 12,000 \$ \$ 2,400,00 \$ \$ 2,400,00 \$ \$ 2,400,00 \$ \$ 3,500,00 \$ 3,500,00 \$ \$ 3,500,00 \$ \$ 3,500,00 \$ \$ 3,500,00 \$ \$ 3,500,00 \$ \$
EQ-HBZ Well Offset Frac otal Intanglible Costs  angible Costs  EQ-Flowback Crews & Equip -Surface Casing -Intermed Cg -Production Casing/Liner -Wellhead Equip -Tubing -Wellhead Equip -Tubing -Wellhead Equip -Tubing -Production Casing/Liner -Wellhead Equip -Tubing -Production Casing/Liner -Wellhead Equip -Tanks -B-Flowlines/Pipelines -B-Hit Trtr/Septr -B-Electrical System/Equipment -Pekrs/Anchors/Hgrs -B-Couplings/Fittings/Valves -B-Pumps-Surface -B-Instrumentation/SCADA/POC -B-Miscellaneous -B-Hares/Combusters/Emission -Gas Lift/Compression -Cg-Wellhead Equipment -total Tangible Costs -total Gross Cost -total Total Costs are estimates only OG Operating LLC	392 401 402 403 405 504 505 510 511 512 513 514 515 521 522 522 526 527 531	s	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32,000.00 253,000.00 628,000.00 115,000.00	\$ 113,000.00 \$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00 \$ 7,702,000.00	\$ 78,000.00 \$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 36,000.00 \$ 26,000.00 \$ 26,000.00 \$ 42,000.00 \$ 42,000.00 \$ 1,234,000.00	\$ 81,000.00 \$ 108,000.00 \$ 108,000.00 \$ 49,000.00 \$ 18,000.00 \$ 18,000.00 \$ 67,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 49,000 \$ 11,773,000 \$ 49,000 \$ \$ 11,773,000 \$ \$ 49,000 \$ \$ 32,000 \$ \$ 253,000 \$ \$ 113,000 \$ \$ 113,000 \$ \$ 113,000 \$ \$ 113,000 \$ \$ 155,000 \$ \$ 154,000 \$ \$ 250,00
EQ-HBZ Well Offset Frac otal Intanglible Costs  angible Costs EQ-Flowback Crews & Equip -Surface Casing -Intermed Cgg -Production Casing/Liner -Wellhead Equip -Tubing	392 401 402 403 405 504 505 510 511 512 513 514 515 521 522 522 526 527 531	s	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32,000.00 253,000.00 628,000.00 115,000.00	\$ 113,000,00 \$ 61,000,00 \$ 142,000,00 \$ 55,000,00 \$ 371,000,00 \$ 7,702,000,00	\$ 78,000.00 \$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 36,000.00 \$ 26,000.00 \$ 26,000.00 \$ 42,000.00 \$ 42,000.00 \$ 1,234,000.00	\$ 81,000.00 \$ 108,000.00 \$ 108,000.00 \$ 49,000.00 \$ 18,000.00 \$ 175,000.00 \$ 175,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 49,000 \$ 11,773,000 \$ 49,000 \$ \$ 11,773,000 \$ \$ 49,000 \$ \$ 32,000 \$ \$ 253,000 \$ \$ 113,000 \$ \$ 113,000 \$ \$ 113,000 \$ \$ 113,000 \$ \$ 155,000 \$ \$ 154,000 \$ \$ 250,00
EG-HRZ Well Offset Frac ordal Intanglible Costs  angible Costs  EQ-Flowback Crews & Equip -Surface Casing -Intermed Cg -Production Casing/Liner -Wellhead Equip -Tubing -Tubin	392 401 402 403 405 504 505 510 511 512 513 514 515 521 522 522 526 527 531	s	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32,000.00 253,000.00 628,000.00 115,000.00	\$ 113,000.00 \$ 61,000.00 \$ 142,000.00 \$ 371,000.00 \$ 7,702,000.00	\$ 78,000.00 \$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 35,000.00 \$ 28,000.00 \$ 28,000.00 \$ 42,000.00 \$ 42,000.00	\$ 81,000.00 \$ 108,000.00 \$ 108,000.00 \$ 49,000.00 \$ 18,000.00 \$ 175,000.00 \$ 175,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 49,000 \$ 11,773,000 \$ 49,000 \$ \$ 11,773,000 \$ \$ 49,000 \$ \$ 32,000 \$ \$ 253,000 \$ \$ 113,000 \$ \$ 113,000 \$ \$ 113,000 \$ \$ 113,000 \$ \$ 155,000 \$ \$ 154,000 \$ \$ 250,00
EQ-HIEZ Well Offset Frac otal Intanglible Costs  angible Costs EQ-Flowback Crews & Equip -Surface Casing -Intermed Cg -Production Casing/Liner -Wellhead Equip -Tubing	392 401 402 403 405 504 505 510 511 512 513 514 515 521 522 522 526 527 531	s	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32,000.00 253,000.00 628,000.00 115,000.00	\$ 113,000.00 \$ 61,000.00 \$ 142,000.00 \$ 371,000.00 \$ 7,702,000.00	\$ 78,000.00 \$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00 \$ 42,000.00 \$ 42,000.00 \$ 1,234,000.00	\$ 81,000.00 \$ 108,000.00 \$ 108,000.00 \$ 49,000.00 \$ 18,000.00 \$ 175,000.00 \$ 175,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 49,000 \$ 11,773,000 \$ 49,000 \$ \$ 11,773,000 \$ \$ 49,000 \$ \$ 32,000 \$ \$ 253,000 \$ \$ 113,000 \$ \$ 113,000 \$ \$ 113,000 \$ \$ 113,000 \$ \$ 155,000 \$ \$ 154,000 \$ \$ 250,00
EQ-HBZ Well Offset Frac otal Intangible Costs  angible Costs  EQ-Flowback Crews & Equip -Surface Casing -Intermed Cag -Production Casing/Liner -Wellhead Equip -Tubing -Production Casing/Liner -Wellhead Equip -B-Tanks -B-Flowlines/Pipelines -B-Hitt Trtr/Septr -B-Flowlines/Pipelines -B-Hitt Trtr/Septr -B-Electrical System/Equipment -B-Electrical System/Equipment -B-Electrical System/Equipment -B-Electrical System/Equipment -B-Runys-Surface -B-Instrumentation/SCADA/PDC -B-Hurps-Surface -B-Instrumentation/SCADA/PDC -B-Hittg/Compression -Gas Lift/Compression -Gas Lift/Co	392 401 402 403 405 504 505 510 511 512 513 514 515 521 522 522 526 527 531	s	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32,000.00 253,000.00 628,000.00 115,000.00	\$ 113,000.00 \$ 61,000.00 \$ 142,000.00 \$ 371,000.00 \$ 7,702,000.00	\$ 78,000.00 \$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 35,000.00 \$ 28,000.00 \$ 28,000.00 \$ 42,000.00 \$ 42,000.00	\$ 81,000.00 \$ 108,000.00 \$ 108,000.00 \$ 49,000.00 \$ 18,000.00 \$ 175,000.00 \$ 175,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 9,000 \$ 11,773,00 \$ 11,773,00 \$ 14,000 \$ 32,000 \$ 5 25,000 \$ 5 113,000 \$ 5 113,000 \$ 5 113,000 \$ 5 15,000 \$
10.4HBZ Well Offset Frac  total Intangible Costs  angible Costs  10.4Flowback Crews & Equip  Surface Casing  Intermed Cig  Production Casing/Liner  Wellhead Equip  13-Tanks  13	392 401 402 403 405 504 505 510 511 512 513 514 515 521 522 522 526 527 531	s	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32,000.00 253,000.00 628,000.00 115,000.00	\$ 113,000.00 \$ 61,000.00 \$ 142,000.00 \$ 371,000.00 \$ 7,702,000.00	\$ 78,000.00 \$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 35,000.00 \$ 28,000.00 \$ 28,000.00 \$ 42,000.00 \$ 42,000.00	\$ 81,000.00 \$ 108,000.00 \$ 108,000.00 \$ 49,000.00 \$ 18,000.00 \$ 175,000.00 \$ 175,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 49,000 \$ 11,773,000 \$ 49,000 \$ \$ 11,773,000 \$ \$ 49,000 \$ \$ 32,000 \$ \$ 253,000 \$ \$ 113,000 \$ \$ 113,000 \$ \$ 113,000 \$ \$ 113,000 \$ \$ 155,000 \$ \$ 154,000 \$ \$ 250,00
Q-HRZ Well Offset Frac  vatal Intangible Costs  ingible Costs  Q-Flowback Crews & Equip  Surface Casing  Intermed Csg  Production Casing/Liner  Wellhead Equip  Tabing  Uellhead Equip  Franks  Flowlines/Pipelines  HHT Trt/Seprt  Flectrical System/Equipment  Petrs/Sanchors/Hgrs  -Couplings/Fittings/Valves  -Pumps-Surface  Instrumentation/ScADA/POC  -Miscellaneous  Meters/Lacts  Flares/Combusters/Emission  Gas Lift/Compression  Q:Wellhead Equipment  tatal Tangible Costs  val Gross Cost  total Tangible Costs  val Gross Cost	392 401 402 403 405 504 505 510 511 512 513 514 515 521 522 522 526 527 531	s	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32,000.00 253,000.00 628,000.00 115,000.00	\$ 113,000.00 \$ 61,000.00 \$ 142,000.00 \$ 371,000.00 \$ 7,702,000.00	\$ 78,000.00 \$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 35,000.00 \$ 28,000.00 \$ 28,000.00 \$ 42,000.00 \$ 42,000.00	\$ 81,000.00 \$ 108,000.00 \$ 149,000.00 \$ 49,000.00 \$ 175,000.00 \$ 175,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 9,000 \$ 11,773,06 \$ 149,000 \$ \$ 11,773,06 \$ \$ 12,000 \$ \$ 2,400,00 \$ \$ 2,400,00 \$ \$ 2,400,00 \$ \$ 3,500,00 \$ 3,500,00 \$ \$ 3,500,00 \$ \$ 3,500,00 \$ \$ 3,500,00 \$ \$ 3,500,00 \$ \$

T25S-R27E T26S-R27E

| Well Name | FLAMING SNAIL FED COM 805H | SHL 555 FNL, 1685 FWL OR BHL 200 FSL, 1430 FWL OR Formation | WOLFCAMP | Legal ALL SECS 28 & 33, 255-27E & ALL SEC 4, 265-27E | OR UNIT C OR UNIT N

Cost Description								9,775	
	Code	PreSpud (PS)	Pre-Set Casing(PC)	Drilling (DR)	Completions (C)	Tank Btty Constrctn(TB)	Pmpq Equip (PEQ)	Revision	T
ntangible Costs								1	
-Lctn/Pits/Roads	205		\$					\$ -	\$ 145,000
-Drilling Overhead	206		\$	,,,,,,,				\$ -	\$ 11,000
-Daywork Contract	209		\$					\$ -	\$ 789,000
-Directional Drlg Services	210		S	421,000.00				\$ -	\$ 421,000
-Fuel & Power	211		S	136,000.00				\$ -	\$ 136,000
-Water	212		S					\$ -	\$ 115,000
-Bits	213		S					\$ -	\$ 145,000
-Mud & Chemicals	214		S	. ,,				\$ -	\$ 297,000
-Cement Surface	217		s					\$ -	\$ 29,000
-Cement Intermed	218		s	114,000.00				\$ -	\$ 114,000
-Prod-2nd Int Cmt	219		s	168,000.00				\$ -	\$ 168,000
-Float Equipment & Centralizers	221		s	92,000.00				\$ -	\$ 92,000
-Csg Crews & Equip	222		s					\$ -	\$ 99,000
-Contract Labor	225		s					\$ -	\$ 10,000
-Company Sprvsn	226		s					\$ -	\$ 66,000
-Contract Sprvsn	227		s	165,000.00				\$ -	\$ 165,000
-Tstg Csg/Tbg	228		s	61,000.00				\$ -	\$ 61,000
-Mud Logging Unit	229		s	61,000.00				\$ -	\$ 61,000
-Rentals-Surface	235		s					\$ -	\$ 256,000
-Rentals-Subsrfc	236		s	200,000.00				\$ -	\$ 119,000
-Trucking/Forklift/Rig Mob	237		S					\$ -	\$ 244,000
-Welding Services	238		S					\$ -	\$ 5,000
				.,,,,,,					
-Contingency	243		\$					•	\$ 92,000
-Envrnmtl/Clsd Loop	244		S	403,000.00				\$ -	\$ 403,000
-Wellbore Frac Prep	304				\$ 209,000.00			\$ -	\$ 209,000
-Lctn/Pits/Roads	305				\$ 22,000.00			\$ -	\$ 22,000
-Completion OH	306				\$ 33,000.00			\$ -	\$ 33,000
-Frac Equipment	307				\$ 1,430,000.00			\$ -	\$ 1,430,000
-Frac Chemicals	308				\$ 906,000.00			\$ -	\$ 906,00
-Frac Proppant	309				\$ 411,000.00			\$ -	\$ 411,000
-Frac Proppant Transportation	310				\$ 639,000.00			\$ -	\$ 639,000
-Fuel Delivery & Services	311				\$ 92,000.00			\$ -	\$ 92,000
-Water	312				\$ 604,000.00			\$ -	\$ 604,000
-Frac Surface Rentals	315				\$ 570,000.00			\$ -	\$ 570,000
-Contract Labor	325				\$ 22,000.00			\$ -	\$ 22,000
-Company Sprvsn	326				\$ 22,000.00			\$ -	\$ 22,000
-Contract Sprvsn	327				\$ 305,000.00			\$ -	\$ 305,000
-Artificial Lift Install	329				\$ 98,000.00			\$ -	\$ 98,000
-Perf/Wireline Svc	331				\$ 702,000.00			\$ -	\$ 702,000
-Trucking/Forklift/Rig Mob	337				\$ 22,000.00			\$ -	\$ 22,000
-Water Disposal	339				\$ 22,000.00			\$ -	\$ 87,000
-Contingency	343							\$ -	\$ 163,000
	345				\$ 163,000.00			\$ -	
-Dyed Diesel					\$ 342,000.00				
-Drillout	346				\$ 652,000.00			\$ - \$ -	\$ 652,000
B-Damages/Right of Way	351					\$ 2,000.00		7	\$ 2,000
B-Location/Pits/Roads	353					\$ 45,000.00		\$ -	\$ 45,000
B-Contract Labor	356					\$ 244,000.00		\$ -	\$ 244,000
PEQ-Contract Labor	374						\$ 18,000.00		\$ 18,000
PEQ-Water Disposal	387						\$ 81,000.00		\$ 81,000
PEQ-HRZ Well Offset Frac	391						\$ 9,000.00		\$ 9,000
otal Intangible Costs		\$ -	\$ - !	\$ 4,043,000.00	\$ 7,331,000.00	\$ 291,000.00	\$ 108,000.00	\$ -	\$ 11,773,000
angible Costs									
EQ-Flowback Crews & Equip	392						\$ 49,000.00	\$ -	\$ 49,000
	392 401			\$ 32,000.00			\$ 49,000.00	\$ - \$ -	
-Surface Casing			:				\$ 49,000.00		
-Surface Casing -Intermed Csg	401 402		:	\$ 253,000.00			\$ 49,000.00	\$ -	\$ 32,000 \$ 253,000
-Surface Casing -Intermed Csg -Production Casing/Liner	401		:	\$ 253,000.00 \$ 628,000.00			\$ 49,000.00	\$ - \$ -	\$ 32,000
Surface Casing I-Intermed Csg I-Production Casing/Liner I-Wellhead Equip	401 402 403 405			\$ 253,000.00 \$ 628,000.00	\$ 113,000.00		\$ 49,000.00	\$ - \$ - \$ - \$ -	\$ 32,000 \$ 253,000 \$ 628,000 \$ 115,000
Surface Casing -Intermed Csg -Production Casing/Liner Wellhead Equip -Tubing	401 402 403 405 504			\$ 253,000.00 \$ 628,000.00			\$ 49,000.00	\$ - \$ - \$ - \$ - \$ -	\$ 32,000 \$ 253,000 \$ 628,000 \$ 115,000 \$ 113,000
Surface CasingIntermed CsgProduction Casing/LinerWellhead EquipTubingWellhead Equip	401 402 403 405 504			\$ 253,000.00 \$ 628,000.00	\$ 113,000.00 \$ 61,000.00	\$ 78,000,00	\$ 49,000.00	\$ - \$ - \$ - \$ - \$ -	\$ 32,000 \$ 253,000 \$ 628,000 \$ 115,000 \$ 113,000 \$ 61,000
-Surface Casing -Intermed Csg -Production Casing/Liner -Wellhead Equip -Tubing -Wellhead Equip B-Tanks	401 402 403 405 504 505 510			\$ 253,000.00 \$ 628,000.00		\$ 78,000.00	\$ 49,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 32,000 \$ 253,000 \$ 628,000 \$ 115,000 \$ 113,000 \$ 61,000 \$ 78,000
-Surface Casing -Intermed Csg -Production Casing/Liner -Weilhead Equip -Tubing -Weilhead Equip -Weilhead Equip -B-Tanks -B-Flowlines/Pipelines	401 402 403 405 504 505 510 511			\$ 253,000.00 \$ 628,000.00		\$ 35,000.00	\$ 49,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 32,000 \$ 253,000 \$ 628,000 \$ 115,000 \$ 113,000 \$ 61,000 \$ 78,000 \$ 35,000
-Surface Casing -Intermed Csg -Intermed Csg -Production Casing/Liner -Wellhead Equip -Tubing -Wellhead Equip -Tubing -Wellhead Equip -B-Tanks -B-Hawlines/Pipelines -B-Hwir Trtr/Seprtr	401 402 403 405 504 505 510 511			\$ 253,000.00 \$ 628,000.00		\$ 35,000.00 \$ 251,000.00	\$ 49,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 32,000 \$ 253,000 \$ 628,000 \$ 115,000 \$ 61,000 \$ 78,000 \$ 35,000 \$ 251,000
Surface Casing Intermed Cag Production Casing/Liner Wellhead Equip Tubing Wellhead Equip B-Tanks B-Flowlines/Pipelines B-Hr Trt/Septrt B-Electrical System/Equipment	401 402 403 405 504 505 510 511 512 512			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00	\$ 49,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 32,000 \$ 253,000 \$ 628,000 \$ 115,000 \$ 113,000 \$ 61,000 \$ 78,000 \$ 35,000 \$ 251,000 \$ 154,000
-Surface Casing -Intermed Cag Production Casing/Liner -Wellhead Equip -Tubing -Wellhead Equip -Tanks -Tanks -Flowlines/Pipelines -Hrt Trt/Septr -Belectrical System/Equipment -Pekrs/Anchors/Hgrs	401 402 403 405 504 505 511 511 512 513 514			\$ 253,000.00 \$ 628,000.00		\$ 35,000.00 \$ 251,000.00 \$ 154,000.00	\$ 49,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 32,000 \$ 253,000 \$ 628,000 \$ 115,000 \$ 113,000 \$ 61,000 \$ 78,000 \$ 35,000 \$ 251,000 \$ 154,000 \$ 142,000
-Surface Casing -Intermed Cig -Production Casing/Liner -Wellnead Equip -Tubing -Wellnead Equip -Tubing -Wellnead Equip -Branks -B-Flowlines/Pipelines -B-Howlines/Pipelines -B-Hit Trty/Spertr -B-Electrical System/Equipment -Pekrs/Anchors/Pigrs -B-Couplings/Hittings/valves	401 402 403 405 504 505 510 511 512 513 514 515			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00	\$ 49,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 32,000 \$ 253,000 \$ 628,000 \$ 115,000 \$ 113,000 \$ 78,000 \$ 35,000 \$ 251,000 \$ 154,000 \$ 142,000 \$ 261,000
-Surface Casing -Intermed Csg -Production Casing/Liner -Wellhead Equip -Tubing -Wellhead Equip -Tubing -Wellhead Equip -B-Tanks -Tanks	401 402 403 405 504 505 510 511 512 513 514 515 515 521			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00	\$ 49,000.00	\$	\$ 32,000 \$ 253,000 \$ 115,000 \$ 113,000 \$ 61,000 \$ 78,000 \$ 35,000 \$ 154,000 \$ 142,000 \$ 261,000 \$ 261,000
-Surface Casing -Interemed Cg -Production Casing/Liner -Weilhead Equip -Tubing -Weilhead Equip -Tubing -Weilhead Equip -B-Tanks -B-Flowlines/Pipellines -B-Howlines/Pipellines -B-Electrical System/Equipment -Pektrs/Anchors/Hgrs -B-Couplings/Fittings/Valves -B-Pumps-Surface -B-Hoss-Surface -B-Hoss	401 402 403 405 504 505 510 511 512 513 514 515 521			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00	\$ 49,000.00	\$	\$ 32,000 \$ 253,000 \$ 628,000 \$ 115,000 \$ 113,000 \$ 78,000 \$ 78,000 \$ 35,000 \$ 251,000 \$ 154,000 \$ 142,000 \$ 261,000 \$ 35,000 \$ 12,000 \$ 261,000 \$
NSurface Casing Notintermed Csg P-Production Casing/Liner NWellinead Equip Tubing NWellinead Equip Tubing NWellinead Equip B-Tanks B-Flowlines/Pipellines B-Har Trat/Seprtr B-Ricetrical System/Equipment P-Pckrs/Anchors/Hgrs B-Couplings/Fittings/Valves B-Pumps-Surface B-Instrumentation/SCADA/POC B-Miscellineous	401 402 403 405 504 505 510 511 512 513 514 515 521 522 522			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00 \$ 26,000.00	\$ 49,000.00	\$	\$ 32,000 \$ 253,000 \$ 628,000 \$ 115,000 \$ 115,000 \$ 61,000 \$ 78,000 \$ 251,000 \$ 154,000 \$ 142,000 \$ 261,000 \$ 261,000
NSurface Casing N-Intermed Cg P-Production Casing/Liner Wellinead Equip Tubing Tubing Wellinead Equip B-Tanks B-Flowlines/Pipellines B-Hir Trrt/Septr B-Hir Trrt/Septr B-Elextral System/Equipment Pecks/Anchors/Hgrs B-Couplings/Fittings/Valves B-B-umps-Surface B-Histrumentation/SCADA/POC B-Miscellaneous B-Meters/Lacts	401 402 403 405 504 505 510 511 512 513 514 515 521 522 522			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 26,000.00 \$ 26,000.00 \$ 35,000.00 \$ 35,000.00	\$ 49,000.00	\$ \$	\$ 32,000 \$ 253,000 \$ 628,000 \$ 115,000 \$ 113,000 \$ 61,000 \$ 78,000 \$ 35,000 \$ 251,000 \$ 142,000 \$ 142,000 \$ 36,000 \$ 36,
-Surface Casing -Intermed Cg -Production Casing/Liner -Wellinead Equip -Tubing -Wellinead Equip -Tubing -Wellinead Equip -B-Tanks -B-Tanks -B-Flowlines/Pipellines -B-Htt Trtr/Septr -B-Electrical System/Equipment -Pecks/Anchors/HgrS -B-Couplings/Fittings/Valves -B-dunps-Surface -B-mistrumentation/SCADA/POC -B-Miscellaneous -B-Meters/Lacts	401 402 403 405 504 505 511 512 513 514 515 522 522 523 525 526			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00 \$ 26,000.00	\$ 49,000.00	\$	\$ 32,000 \$ 628,000 \$ 115,000 \$ 115,000 \$ 61,000 \$ 78,000 \$ 251,000 \$ 251,000 \$ 261,000 \$ 260,000 \$ 260,000
NSurface Casing Notintermed Csg Notintermed No	401 402 403 405 504 505 510 511 512 513 514 515 521 522 522			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 26,000.00 \$ 26,000.00 \$ 35,000.00 \$ 35,000.00		\$	\$ 32,000 \$ 253,000 \$ 628,000 \$ 115,000 \$ 115,000 \$ 61,000 \$ 78,000 \$ 251,000 \$ 251,000 \$ 154,000 \$ 261,000 \$ 261,000 \$ 260,000 \$ 260,000 \$ 260,000 \$ 260,000 \$ 260,000 \$ 260,000 \$ 260,000 \$ 260,000 \$ 35,000 \$ 260,000 \$ 260,000 \$ 35,000 \$
-Surface Casing -Interemed Cag -Production Casing/Liner -Weilhead Equip -Tubing -Weilhead Equip -Tubing -Weilhead Equip -B-Tanks -B-Tanks -B-Tanks -B-Rowlines/Pipellines -B-Hitz Trtr/Septr -B-Hitz Trtr/Septr -B-Hitz Trtr/Septr -B-Hitz Trtr/Septr -B-Couplings/Fittings/Valves -B-Purps-Surface -B-Instrumentation/SCADA/POC -B-Miscellaneous -B-Meters/Lacts -B-Flares/Combusters/Emission -Gas Lift/Compression	401 402 403 405 504 505 511 512 513 514 515 522 522 523 525 526			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 26,000.00 \$ 26,000.00 \$ 35,000.00 \$ 35,000.00	\$ 49,000.00	\$	\$ 32,000 \$ 628,000 \$ 115,000 \$ 115,000 \$ 115,000 \$ 61,000 \$ 78,000 \$ 251,000 \$ 154,000 \$ 261,000 \$ 262,000 \$ 263,000 \$ 263,000 \$ 263,000 \$ 263,000 \$ 263,000 \$ 263,000 \$ 263,000 \$ 263,000 \$ 263,000 \$ 35,000 \$ 35
-Surface Casing -Intermed Csg -Production Casing/Liner -Wellhead Equip -Tubing -Wellhead Equip -Tubing -Wellhead Equip -Branks -B-Flowlines/Pipelines -B-Hiowlines/Pipelines -B-Hior Trir/Beptr -B-Electrical System/Equipment -Pekrs/Anchors/Higs -B-Coupings/Filtings/Valves -B-Pumps-Surface -B-Pumps-Surface -B-Pumps-Surface -B-B-Wellhead Equipment -Gas Lift/Compression -Gas Lift/Compression -Gas Lift/Compression -Gas Lift/Compression -Ck-Wellhead Equipment	401 402 403 405 504 511 512 513 514 514 515 522 522 522 525 526 527	\$		\$ 253,000.00 \$ 628,000.00 \$ 115,000.00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00 \$ 28,000.00 \$ 35,000.00 \$ 42,000.00	\$ 18,000.00	\$	\$ 32,000 \$ 253,000 \$ 115,000 \$ 115,000 \$ 115,000 \$ 61,000 \$ 35,000 \$ 251,000 \$ 142,000 \$ 35,000 \$ 36,000 \$ 36,0
Surface Casing Intermed Cag Production Casing/Liner Weilhead Equip Tubing Weilhead Equip Tubing Weilhead Equip 3-Flowlines/Pipelines 3-Flowlines/Pipel	401 402 403 405 504 511 512 513 514 514 515 522 522 522 525 526 527	\$		\$ 253,000.00 \$ 628,000.00 \$ 115,000.00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00 \$ 28,000.00 \$ 35,000.00 \$ 42,000.00	\$ 18,000.00	\$	\$ 32,00 \$ 253,00 \$ 628,00 \$ 115,00 \$ 1113,00 \$ 61,00 \$ 78,00 \$ 35,00 \$ 251,00 \$ 142,00 \$ 261,00 \$ 26,00 \$ 35,00 \$ 35,0
PEC-Flowback Crews & Equip D-Surface Casing D-Intermed Csg D-Production Casing/Liner D-Wellhead Equip C-Tubing C-Tubing C-Wellhead Equip TB-Tanks TB-Fowlines/Pipelines TB-Htt Trtr/Septr TB-Flowlines/Pipelines TB-Flowlines/Pipelines TB-Flowlines/Flowlines/Tb-Flowlines/	401 402 403 405 504 505 511 512 513 514 515 522 522 523 525 526			\$ 253,000.00 \$ 628,000.00	\$ 61,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 26,000.00 \$ 26,000.00 \$ 35,000.00 \$ 35,000.00	\$ 49,000.00	\$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
D-Surface Casing D-Intermed Csg D-Production Casing/Liner D-Wellinead Equip T-Tubling U-Wellinead Equip B-Tanks B-Flowlines/Pipelines B-Flowlines/Pipelines B-Htr Trtt/Seprtr B-Electrical System/Equipment D-Ekcry/Anchors/Hgr B-Pumps-Surface B-Pumps-Surface B-Pumps-Surface B-B-Bump-Surface B-B-Bump-Surface B-Miscellaneous B-Meters/Lacts B-Miscellaneous B-Meters/Lacts	401 402 403 405 504 505 510 511 512 513 514 515 522 522 523 525 526 527 531	\$ -		\$ 253,000.00 \$ 628,000.00 \$ 115,000.00	\$ 61,000.00  \$ 142,000.00  \$ 55,000.00  \$ 371,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00 \$ 26,000.00 \$ 42,000.00 \$ 34,000.00 \$ 1,234,000.00	\$ 18,000.00 \$ 67,000.00 \$ 175,000.00	\$	\$ 32,02 \$ 32,03 \$ \$ 283,00 \$ \$ \$ 283,00 \$ \$ \$ \$ 283,00 \$ \$ \$ \$ 283,00 \$ \$ \$ \$ 283,00 \$ \$ \$ \$ 283,00 \$ \$ \$ \$ 283,00 \$ \$ \$ \$ 283,00 \$ \$ \$ \$ \$ 283,00 \$ \$ \$ \$ \$ 283,00 \$ \$ \$ \$ \$ 283,00 \$ \$ \$ \$ \$ \$ 283,00 \$ \$ \$ \$ \$ \$ \$ 283,00 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
-Surface Casing -Intermed Eg -Production Casing/Liner -Weilhead Equip -Tubing -Weilhead Equip -Tubing -Weilhead Equip -Tubing -Production Casing/Liner -Weilhead Equip -Tranks -Prowines/Pipellines -Prowines/Pipellines -Prowines/Pipellines -Provines/Pipellines -Provines/Pipellines -Prokrs/Anchors/Piper -Be-Couplings/Fittings/Valves -Prokrs/Anchors/Piper -Be-Unstrumentation/SCADA/POC -Miscellaneous -Priders/Combusters/Emission -Gas Liff/Compression -Ec-Weilhead Equipment -Out Tangible Costs -Out Tangible	401 402 403 405 504 505 510 511 512 513 514 515 522 522 523 525 526 527 531	\$ -	\$ - !	\$ 253,000.00 \$ 628,000.00 \$ 115,000.00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00 \$ 7,702,000.00	\$ 35,000.00 \$ 251,000.00 \$ 154,000.00 \$ 261,000.00 \$ 35,000.00 \$ 26,000.00 \$ 26,000.00 \$ 42,000.00 \$ 34,000.00 \$ 1,234,000.00	\$ 18,000.00 \$ 67,000.00	\$	\$ 32,02 S 30,00 S 115,00 S 125,00 S 125
Surface Casing Intermed Cg Production Casing/Liner Wellhead Equip Tubing Wellhead Equip Tubing Wellhead Equip Tubing Tubing Wellhead Equip Tubing Tub	401 402 403 405 504 505 510 511 512 513 514 515 522 522 523 525 526 527 531	\$ -	\$ - !	\$ 253,000.00 \$ 628,000.00 \$ 115,000.00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00 \$ 7,702,000.00	\$ 35,000,00 \$ 251,000,00 \$ 154,000,00 \$ 261,000,00 \$ 35,000,00 \$ 26,000,00 \$ 26,000,00 \$ 42,000,00 \$ 943,000,00 \$ 1,234,000,00	\$ 18,000.00 \$ 67,000.00 \$ 175,000.00	\$	\$ 32,00 \$ 253,00 \$ 628,00 \$ 113,00 \$ 113,00 \$ 61,00 \$ 78,00 \$ 35,00 \$ 251,00 \$ 251,00 \$ 262,00 \$ 263,00 \$ 263,0
Surface Casing Intermed Cg Production Casing/Liner Weilhead Equip Tubing Weilhead Equip Tubing Weilhead Equip Tabing Weilhead Equip Tabing Histories/Pipelines 3-Hit Tirt/Septr 3-Electrical System/Equipment Pekts/Anchors/Higs 3-Couplings/Hittings/Valves 3-Pumps-Surface 1-Instrumentation/SCADA/POC 3-Miscellaneous 3-Meters/Lacts 3-Hares/Combusters/Emission Gas Lift/Compression Cywellhead Equipment total Tangible Costs total Gross Cost Office The above costs are estimates only OG Operating LLC  Ge e approve: % Working Interest Sompany:	401 402 403 405 504 505 510 511 512 513 514 515 522 522 523 525 526 527 531	\$ -	\$ - !	\$ 253,000.00 \$ 628,000.00 \$ 115,000.00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 371,000.00 \$ 7,702,000.00	\$ 35,000,00 \$ 251,000,00 \$ 154,000,00 \$ 261,000,00 \$ 35,000,00 \$ 26,000,00 \$ 26,000,00 \$ 42,000,00 \$ 342,000,00 \$ 1,234,000,00  Date Prepared:  COG Operating LLC	\$ 18,000.00 \$ 67,000.00 \$ 175,000.00	\$	\$ 32.00 \$ 253.00 \$ 628.00 \$ 115.00 \$ 113.00 \$ 61.00 \$ 78.00 \$ 35.00 \$ 251.00 \$ 251.00 \$ 261.00 \$ 261.0
-Surface Casing -Intermed Cig -Production Casing/Liner -Weilhead Equip -Tubing -Weilhead Equip -Tubing -Weilhead Equip -Branks -Browlines/Pipelines -Briowlines/Pipelines -Briowlines/Pipeli	401 402 403 405 504 505 510 511 512 513 514 515 522 522 523 525 526 527 531	\$ -	\$ - !	\$ 253,000.00 \$ 628,000.00 \$ 115,000.00	\$ 61,000.00 \$ 142,000.00 \$ 55,000.00 \$ 7,702,000.00	\$ 35,000,00 \$ 251,000,00 \$ 154,000,00 \$ 261,000,00 \$ 35,000,00 \$ 26,000,00 \$ 26,000,00 \$ 42,000,00 \$ 342,000,00 \$ 1,234,000,00  Date Prepared:  COG Operating LLC	\$ 18,000.00 \$ 67,000.00 \$ 175,000.00	\$	\$ 32,00 \$ 253,00 \$ 628,00 \$ 1115,00 \$ 61,00 \$ 78,00 \$ 251,00 \$ 251,00 \$ 261,00 \$ 260,00 \$ 260,00 \$ 35,00 \$ 260,00 \$ 35,00 \$ 35

T25S-R27E T26S-R27E

OR UNIT C OR UNIT M

Lega	ALL SECS 28 & 3	33, 25S-27E & ALL SEC 4, 26S-2	.,.				140	9,775	
Cost Description	Code	PreSpud (PS)	Pre-Set Casing(PC)	Drilling (DR)	Completions (C)	Tank Btty Constrctn(TB)	Pmpq Equip (PEQ)	Revision	To
ntangible Costs	205				T	T		•	
D-Lctn/Pits/Roads	205			\$ 145,000.00 \$ 11,000.00				\$ - \$ -	\$ 145,000. \$ 11,000.
D-Drilling Overhead D-Daywork Contract	206							\$ - \$ -	\$ 11,000. \$ 789,000.
D-Directional Drlg Services	210			\$ 789,000.00 \$ 421,000.00				\$ -	\$ 421,000
D-Fuel & Power	211			\$ 421,000.00 \$ 136,000.00				\$ -	\$ 136,000
D-Water	212			\$ 115,000.00				\$ -	\$ 115,000
D-Bits	213			\$ 145,000.00				\$ -	\$ 145,000
D-Mud & Chemicals	214			\$ 297,000.00				\$ -	\$ 297,000
D-Cement Surface	217			\$ 29,000.00				\$ -	\$ 29,000
D-Cement Intermed	218			\$ 114,000.00				\$ -	\$ 114,000
0-Prod-2nd Int Cmt	219			\$ 168,000.00				\$ -	\$ 168,000
D-Float Equipment & Centralizers	221			\$ 92,000.00				\$ -	\$ 92,000
D-Csg Crews & Equip	222			\$ 99,000.00				\$ -	\$ 99,000
D-Contract Labor	225			\$ 10,000.00				\$	\$ 10,000
D-Company Sprvsn	226			\$ 66,000.00				\$	\$ 66,00
D-Contract Sprvsn	227			\$ 165,000.00				\$ -	\$ 165,000
O-Tstg Csg/Tbg	228			\$ 61,000.00				\$	\$ 61,000
D-Mud Logging Unit	229			\$ 61,000.00				\$ -	\$ 61,000
O-Rentals-Surface	235			\$ 256,000.00				\$ -	\$ 256,000
D-Rentals-Subsrfc	236			\$ 119,000.00				\$ -	\$ 119,000
7-Trucking/Forklift/Rig Mob	237			\$ 244,000.00				\$ -	\$ 244,000
)-Welding Services	238			\$ 5,000.00				\$ -	\$ 5,00
D-Contingency	243			\$ 92,000.00				\$ -	\$ 92,00
0-Envrnmtl/Clsd Loop	244			\$ 403,000.00				\$ -	\$ 403,00
C-Wellbore Frac Prep	304				\$ 209,000.00			\$ -	\$ 209,00
-Lctn/Pits/Roads	305				\$ 22,000.00			\$ -	\$ 22,00
-Completion OH	306				\$ 33,000.00			\$ -	\$ 33,00
C-Frac Equipment	307				\$ 1,430,000.00			\$ -	\$ 1,430,00
C-Frac Chemicals	308				\$ 906,000.00			\$ -	\$ 906,00
C-Frac Proppant	309				\$ 411,000.00			\$ -	\$ 411,00
C-Frac Proppant Transportation	310				\$ 639,000.00			\$ -	\$ 639,00
C-Fuel Delivery & Services	311				\$ 92,000.00			\$ -	\$ 92,00
C-Water	312				\$ 604,000.00			\$ -	\$ 604,00
C-Frac Surface Rentals	315				\$ 570,000.00			\$ -	\$ 570,00
C-Contract Labor	325				\$ 22,000.00			\$ -	\$ 22,000
C-Company Sprvsn	326				\$ 22,000.00			\$ - \$ -	\$ 22,000
C-Contract Sprvsn	327				\$ 305,000.00			*	\$ 305,000
C-Artificial Lift Install	329				\$ 98,000.00			\$ -	\$ 98,000
C-Perf/Wireline Svc	331				\$ 702,000.00			\$ -	\$ 702,000
-Trucking/Forklift/Rig Mob	337				\$ 22,000.00			\$ -	\$ 22,000
C-Water Disposal	339				\$ 87,000.00			\$ -	\$ 87,000
C-Contingency	343				\$ 163,000.00			\$ -	\$ 163,000
C-Dyed Diesel	345				\$ 342,000.00			\$ -	\$ 342,000
C-Drillout	346				\$ 652,000.00			\$ -	\$ 652,000
TB-Damages/Right of Way	351					\$ 2,000.00		\$ -	\$ 2,000
TB-Location/Pits/Roads	353					\$ 45,000.00		\$ -	\$ 45,000
TB-Contract Labor	356					\$ 244,000.00		\$ -	\$ 244,000
PEQ-Contract Labor	374						\$ 18,000.00	\$ -	\$ 18,000
PEQ-Water Disposal PEQ-HRZ Well Offset Frac	387 391						\$ 81,000.00	\$ - \$ -	\$ 81,000 \$ 9,000
Total Intangible Costs	391	s -	s -	\$ 4,043,000.00	\$ 7,331,000.00	\$ 291,000.00	\$ 9,000.00 \$ 108,000.00		\$ 11,773,000
Total intaligible costs		-	•	4,043,000.00	7,331,000.00	231,000.00	\$ 100,000.00	•	\$ 11,773,000
Tangible Costs									
PEQ-Flowback Crews & Equip	392	1					\$ 49,000.00	\$ -	\$ 49,000
D-Surface Casing	401			\$ 32,000.00			10,000.00	\$ -	\$ 32,000
D-Intermed Csg	402			\$ 253,000.00				\$ -	\$ 253,000
D-Production Casing/Liner	403			\$ 628,000.00				\$ -	\$ 628,000
D-Wellhead Equip	405			\$ 115,000.00				\$ -	\$ 115,000
C-Tubing	504			. 10,000.00	\$ 113,000.00			\$ -	\$ 113,000
C-Wellhead Equip	505				\$ 61,000.00			\$ -	\$ 61,000
TB-Tanks	510				. 01,000.00	\$ 78,000.00		\$ -	\$ 78,000
TB-Flowlines/Pipelines	511					\$ 35,000.00		\$ -	\$ 35,000
TB-Htr Trtr/Seprtr	512					\$ 251,000.00		\$ -	\$ 251,000
FB-Electrical System/Equipment	513					\$ 154,000.00		\$ -	\$ 154,00
C-Pckrs/Anchors/Hgrs	514				\$ 142,000.00	. ,		\$ -	\$ 142,00
TB-Couplings/Fittings/Valves	515					\$ 261,000.00		\$ -	\$ 261,00
TB-Pumps-Surface								\$ -	\$ 35,00
	521					\$ 35,000.00			
	521 522					\$ 35,000.00 \$ 26,000.00		\$ -	\$ 26,00
TB-Instrumentation/SCADA/POC	522					\$ 26,000.00		\$ -	
TB-Instrumentation/SCADA/POC TB-Miscellaneous						\$ 26,000.00		\$ -	\$ 26,000 \$ 26,000 \$ 35,000
TB-Instrumentation/SCADA/POC TB-Miscellaneous TB-Meters/Lacts	522 523					\$ 26,000.00 \$ 26,000.00		\$ - \$ -	\$ 26,000
TB-Instrumentation/SCADA/POC TB-Miscellaneous TB-Meters/Lacts	522 523 525				\$ 55,000.00	\$ 26,000.00 \$ 26,000.00 \$ 35,000.00		\$ - \$ - \$	\$ 26,00 \$ 35,00 \$ 42,00
TB-Instrumentation/SCADA/POC TB-Miscellaneous TB-Meters/Lacts TB-Flares/Combusters/Emission C-Gas Lift/Compression	522 523 525 526				\$ 55,000.00	\$ 26,000.00 \$ 26,000.00 \$ 35,000.00	\$ 18,000.00	\$ - \$ - \$ - \$ -	\$ 26,00 \$ 35,00 \$ 42,00
[B-Instrumentation/SCADA/POC IB-Miscellaneous IB-Meters/Lacts IB-Flares/Combusters/Emission C-Gas Lift/Compression PEQ-Wellhead Equipment	522 523 525 526 527		\$ -	\$ 1,028,000.00		\$ 26,000.00 \$ 26,000.00 \$ 35,000.00 \$ 42,000.00	\$ 18,000.00 \$ 67,000.00	\$ - \$ - \$ - \$ -	\$ 26,00 \$ 35,00 \$ 42,00 \$ 55,00
B-Instrumentation/SCADA/POC B-Miscellaneous B-Meters/Lacts B-Hares/Combusters/Emission -Gas Lift/Compression -EQ-Wellhead Equipment otal Tangible Costs	522 523 525 526 527		\$ .		\$ 371,000.00	\$ 26,000.00 \$ 26,000.00 \$ 35,000.00 \$ 42,000.00 \$ 943,000.00	\$ 67,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 26,00 \$ 35,00 \$ 42,00 \$ 55,00 \$ 18,00 \$ 2,409,00
TB-Instrumentation/SCADA/POC TB-Miscellaneous TB-Miscellaneous TB-Mares/Combusters/Emission C-Gas Lift/Compression PEQ-Wellhead Equipment Total Tangible Costs Total Gross Cost	522 523 525 525 526 527 531	\$ -		\$ 1,028,000.00 \$ 5,071,000.00	\$ 371,000.00	\$ 26,000.00 \$ 26,000.00 \$ 35,000.00 \$ 42,000.00 \$ 943,000.00	\$ 67,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 26,0 \$ 35,0 \$ 42,0 \$ 55,0 \$ 18,0 \$ 2,409,0
B-Instrumentation/SCADA/POC B-Miscellaneous B-Meters/Lects B-Meters/Lects B-Meters/Lects B-Hares/Combusters/Emission -Gas Lift/Compression CC-Wellhead Equipment otical Tangible Costs  Total Gross Cost lote: The above costs are estimates on OG Operating LLC y:	522 523 525 525 526 527 531	\$ -			\$ 371,000.00	\$ 26,000.00 \$ 26,000.00 \$ 35,000.00 \$ 42,000.00 \$ 943,000.00	\$ 67,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 26,0 \$ 35,0 \$ 42,0 \$ 55,0 \$ 18,0 \$ 2,409,0
B-Instrumentation/SCADA/POC B-Miscellaneous B-Meters/Lacits B-Hares/Combusters/Emission -Gas Lift/Compression EC-Wellhead Equipment rotal Tangible Costs	522 523 525 525 526 527 531	\$ -			\$ 371,000.00	\$ 26,000.00 \$ 26,000.00 \$ 35,000.00 \$ 42,000.00 \$ 943,000.00 \$ 1,234,000.00	\$ 67,000.00 \$ 175,000.00	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 26,00 \$ 35,00 \$ 42,00 \$ 55,00 \$ 18,00 \$ 2,409,00
3-Instrumentation/SCADA/POC 3-Miscellaneous 3-Meters/Lacts 3-Meters/Combusters/Emission Gas Lift/Compression EQ-Wellhead Equipment otal Tangible Costs otal Tores Cost ote: The above costs are estimates on DG Operating LLC  y: //e approve: //e Working Interest	522 523 525 525 526 527 531	\$ -			\$ 371,000.00	\$ 28,000.00 \$ 28,000.00 \$ 35,000.00 \$ 42,000.00 \$ 42,000.00  \$ 943,000.00  Date Prepared:  COG Operating LLC	\$ 67,000.00 \$ 175,000.00 10.25.22	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 26,00 \$ 35,00 \$ 42,00 \$ 55,00 \$ 18,00 \$ 2,409,00

NAME OF CONTACT	COMPANY	DATE	TYPE OF COMMUNICATION	DISCUSSION TOPIC
				OPERATORSHIP OF FLAMING SNAIL
MICHAEL STEVENSON & RANDY BLURTON	VERITAS PERMIAN RESOURCES III, LLC	5/3/2022	PHONE	PROJECT AREA. TITLE/LEASEHOLD
				OPERATORSHIP OF FLAMING SNAIL
MICHAEL STEVENSON & RANDY BLURTON	VERITAS PERMIAN RESOURCES III, LLC	5/4/2022	EMAIL	PROJECT AREA. TITLE/LEASEHOLD
				DDOTO OF PROJECT AREA, OA
MICHAEL STEVENSON & RANDY BLURTON	VERITAS PERMIAN RESOURCES III, LLC	7/7/2022	EMAIL	DISCUSSIONS, COMMINGLING
				DEVELOPMENT OF PROJECT AREA,
MICHAEL STEVENSON	VERITAS PERMIAN RESOURCES III, LLC	8/25/2022	EMAIL	TIMING
00-00-0		0/40/0000		
GREGG PAZER	CHEVRON U.S.A. INC	9/19/2022		CONFLICTING PERMITS IN PROJECT AREA
GREGG PAZER	CHEVRON U.S.A. INC	9/19/2022		PROJECT AREA & PERMITS
GREGG PAZER	CHEVRON U.S.A. INC	9/20/2022		PROJECT AREA & PERMITS
GREGG PAZER	CHEVRON U.S.A. INC	9/28/2022		PROJECT AREA & PERMITS
GREGG PAZER	CHEVRON U.S.A. INC	10/10/2022		PROJECT AREA & PERMITS
MICHAEL STEVENSON	VERITAS PERMIAN RESOURCES III, LLC	10/11/2022		PROJECT AREA & PERMITS
MICHAEL STEVENSON	VERITAS PERMIAN RESOURCES III, LLC	10/12/2022		AFES & PROPOSED OA
MICHAEL STEVENSON	VERITAS PERMIAN RESOURCES III, LLC	10/19/2022		DEVELOPMENT OF PROJECT AREA
MICHAEL STEVENSON	VERITAS PERMIAN RESOURCES III, LLC	10/19/2022	EMAIL	PROPOSED OA
MICHAEL STEVENSON	VERITAS PERMIAN RESOURCES III, LLC	10/25/2022	EMAIL	WELL PROPOSALS & AFES SENT
COURTNEY CARR	OXY Y-1 COMPANY	10/26/2022	EMAIL	WELL PROPOSALS & AFES SENT
HANNAH EASTWOOD	OXY Y-1 COMPANY	10/26/2022	EMAIL	WELL PROPOSALS & AFES SENT
MICHAEL STEVENSON	VERITAS PERMIAN RESOURCES III, LLC	10/27/2022	EMAIL	UPDATED OA EXHIBITS A & H
HANNAH EASTWOOD	OXY Y-1 COMPANY	10/27/2022	EMAIL	UPDATED OA EXHIBITS A & H
KEVIN CRUZ	CHEVRON U.S.A. INC	10/27/2022	EMAIL	UPDATED OA EXHIBITS A & H
				RESENT DIGITAL COPIES OF WELL
HANNAH EASTWOOD	OXY Y-1 COMPANY	10/27/2022	EMAIL	PROPOSALS, AFES AND OA DRAFT
HANNAH EASTWOOD	OXY Y-1 COMPANY	10/31/2022	EMAIL	WI/ORRI/TRACTS/DEVELOPMENT
MICHAEL STEVENSON	VERITAS PERMIAN RESOURCES III, LLC	11/3/2022	EMAIL	PROPOSED OA
				DEVELOPMENT OF PROJECT AREA,
KEVIN CRUZ	CHEVRON U.S.A. INC	11/7/2022	EMAIL	TIMING
MICHAEL STEVENSON	VERITAS PERMIAN RESOURCES III, LLC	11/10/2022	EMAIL	INTEREST VERIFICATION
MICHAEL STEVENSON	VERITAS PERMIAN RESOURCES III, LLC	11/14/2022	EMAIL	PROPOSED OA
				DEVELOPMENT OF PROJECT AREA,
KEVIN CRUZ	CHEVRON U.S.A. INC	11/16/2022	EMAIL	TIMING
				DEVELOPMENT OF PROJECT AREA,
MICHAEL STEVENSON	VERITAS PERMIAN RESOURCES III, LLC	11/22/2022	EMAIL	TIMING
KEVIN CRUZ	CHEVRON U.S.A. INC	11/28/2022	EMAIL	AFES & DEVELOPMENT
KEVIN CRUZ	CHEVRON U.S.A. INC	11/29/2022	EMAIL	AFEs
HANNAH EASTWOOD	OXY Y-1 COMPANY	11/29/2022	EMAIL	UPDATED OA, EXHIBIT C, AFEs
KEVIN CRUZ	CHEVRON U.S.A. INC	1/10/2023	EMAIL	PROPOSED OA, COMPULSORY POOLING
HANNAH EASTWOOD	OXY Y-1 COMPANY	1/11/2023	EMAIL	PROPOSED OA, COMPULSORY POOLING

COG Operating LLC Case No. 23303 Exhibit A-6

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

APPLICATION OF COG OPERATING LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

**CASE NO. 23303** 

### SELF-AFFIRMED STATEMENT OF ANDREW FLETCHER

- 1. I am a geologist for COG Operating LLC ("COG"). I am over 18 years of age, have personal knowledge of the matters addressed herein, and am competent to provide this Self-Affirmed Statement. I have not previously testified before the New Mexico Oil Conservation Division ("Division").
- 2. I have a Master of Science in Geology from Oklahoma State University and five years of experience in the petroleum industry. My experience has focused on planning and executing projects, and mapping reservoir properties in the Delaware Basin. A copy of my resume is attached as **Exhibit B-1**.
  - 3. I am familiar with the geological matters that pertain to the above-referenced case.
- 4. **Exhibit B-2** is a location map of the proposed horizontal spacing unit ("Unit"). The approximate wellbore paths for the proposed **Flaming Snail Fed Com 701H**, **702H**, **703H**, **704H**, **705H**, **706H**, **707H**, **708H**, **709H**, **710H**, **801H**, **802H**, **803H**, **804H**, **805H**, and **806H** wells are represented by dashed lines. Existing producing wells in the targeted interval are represented by solid lines.
- 5. **Exhibit B-3** is a subsea structure map for the Wolfcamp formation that is representative of the targeted interval. The data points are indicated by crosses. The approximate wellbore paths of the wells are depicted by dashed lines. The map demonstrates the formation is

COG Operating LLC Case No. 23303 Exhibit B gently dipping to the east in this area. I do not observe any faulting, pinch-outs, or geologic impediments to developing the targeted intervals with horizontal wells.

- 6. **Exhibit B-4** is a cross section map that identifies three wells penetrating the targeted intervals used to construct a structural cross-section from A to A'. I used these well logs because they penetrate the targeted intervals, are of good quality, and are representative of the geology in the area.
- 7. **Exhibit B-5** is a stratigraphic cross-section using the representative wells identified on Exhibit B-3. It contains gamma ray, resistivity and porosity logs. The proposed landing zone for the well is labeled on the exhibit. This cross-section demonstrates the target intervals are continuous across the Unit.
- 8. In my opinion, a standup orientation for the wells is appropriate to properly develop the subject acreage because of consistent rock properties throughout the Unit and the lack of preferred fracture orientation in this portion of the trend.
- 9. Based on my geologic study of the area, the targeted interval underlying the Unit is suitable for development by horizontal wells and the tracts comprising the Unit will contribute more or less equally to the production of the wells.
- 10. In my opinion, the granting of COG's application will serve the interests of conservation, the protection of correlative rights, and the prevention of waste.
- 11. The attached exhibits were either prepared by me or under my supervision or were compiled from company business records.
- 12. I understand this Self-Affirmed Statement will be used as written testimony in this case. I affirm my testimony above is true and correct and is made under penalty of perjury under

the laws of the State of New Mexico. My testimony is made as of the date identified next to my signature below.

Andrew Fletcher

Date

### Andrew W. Fletcher

Awfletcher711@gmail.com | (281) 740-7711 | 6003 San Bernard Drive, Midland, TX 79707

#### **EXPERIENCE**

#### May 2017 - Present | Petroleum Geoscientist | ConocoPhillips

### February 2021 - Present | Delaware Basin | Asset Development Geologist | Midland, TX

- Created method for conjoining Enverus production and completion data with well path shapefiles in Petrel for well performance comparison against reservoir property maps.
- Lead well planning efforts and presented project proposals to management for asset's 1-2 rig drilling program.
- Assessed water disposal risk to drilling activities and evaluated new SWD permit applications.
- Actively geosteered 30+ Wolfcamp and Bone Spring wells by providing real-time interpretations and drilling guidance to ensure optimal well placement.
- Monitored competitor activity in asset area to identify emerging development strategies.
- Supported Delaware Basin growth efforts through geologic evaluations of acreage trades and OBO proposals.
- Lead study investigating inter-zone fluid communication between horizontal wellbores.
- Trained/mentored co-workers, new hires, and interns on workflows, best practices, and software.

#### June 2020 - February 2021 | Midland Basin | Development Geologist | Houston, TX

- Leveraged strengths in data integration, evaluation, and prospect generation to efficiently develop and fully monetize assets, creating value and optionality within our leasehold.
- Performed subsurface characterization work for current and prospective development areas.
- Monitored industry activity in areas of interest and evaluated new play opportunities.
- Planned and progressed ConocoPhillips' first two Midland Basin horizontal wellbores pre-Concho acquisition. Both wells now performing above type curve (Reagan Core 110E 1H and Reagan Core 4E 1H wells).
- Lead infill drilling risk evaluation for Delaware Basin assets.
- Created well spacing analytics tool to aid in establishing production relationships between wells for varying spacing, stacking, and sequencing scenarios.

#### June 2018 – June 2020 | Delaware Basin and Eagle Ford | Operations Geologist | Houston, TX

- Prognosed, landed, and geosteered 28 Delaware Basin wells and 25 Eagle Ford wells.
- Created geologic structure grids, cross-sections, and picked geologic tops on local and regional scales.
- Coordinated and lead pre-spud meetings between subsurface, drilling, regulatory, and field operations teams.
- Provided post-drill wellbore summaries by integrating geology, drilling parameters, and execution details.
- Created drilling performance optimization tool, which cataloged drilling issues and drilling performance metrics by geologic zone and area. Tool contributed to a 50% reduction in Wolfcamp C lateral drilling durations.
- Assisted in pilot hole data acquisition by collaborating with reservoir characterization team and contractors.
- 100+ competitor re-steers and provided detailed geologic and drilling performance follow-up analysis for re-steers.

#### May 2017 - August 2017 | North Slope | Internship | Anchorage, AK

- Determined hydrocarbon resource volumes by integrating seismic attributes and well data.
- 3D seismic fault mapping for resource compartmentalization evaluation and well planning.
- 4 wells drilled based on internship characterization work, all of which are performing above type curve.

#### **EDUCATION**

#### December 2018 | Master of Science, Geology | Oklahoma State University

- Cumulative GPA: 3.83/4.00
- Thesis topic: utilizing gravity and magnetics data to identify cratonic rifting processes.
- Research emphasis: potential-field geophysics, spectral signal processing, and remote sensing.

#### January 2015 | Bachelor of Science, Geology | Utah Valley University

- Cumulative GPA: 3.83/4.00
- Major GPA: 3.95/4.00
- Research emphasis: structural geology, geochemistry, resource geology, hydrology, and paleoclimatology.

COG Operating LLC Case No. 23303 Exhibit B-1

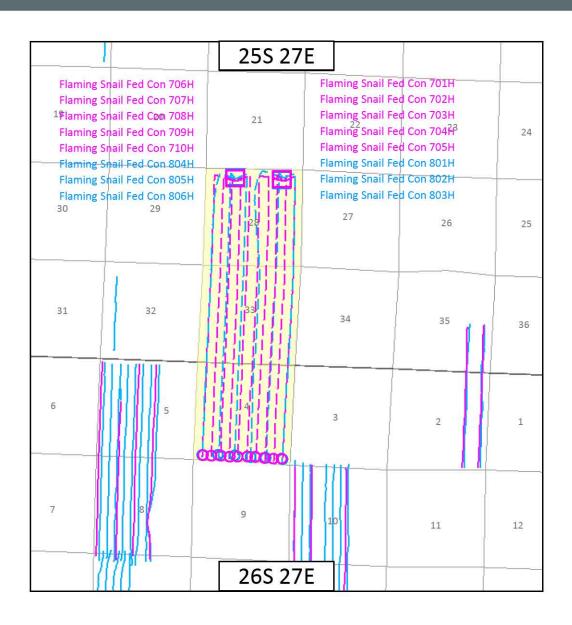
#### **SKILLS**

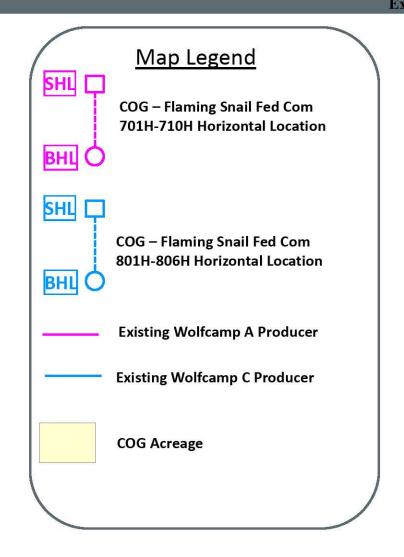
Geomodeling	Facies modeling	Reservoir property mapping	Structure mapping	
Well correlation	Data analytics	Geosteering	Asset evaluation	
SOFTWARE / PLATFO	RMS			
Petrel	Starsteer (+Solo)	Enverus	Sourcenergy (Sourcewater)	
Wellview	ArcMap	Decision Space Geoscience	Spotfire	
AWARDS & HONORS				
Earth Science Student o	f the Year 2014 (UVU)	Chevron Research Fun	d Award (Aug 2015 – Present)	
Questar Scholarship (Au	ug 2013 – May 2015)	Elected to Dean's Hon	or Roll (Jan 2011 – Dec 2014)	
Utah Geological Society	Scholarship (April 2014)	Undergraduate Resear	rch Award (Mar 2013 – May 2014)	
DUDUCATIONS				

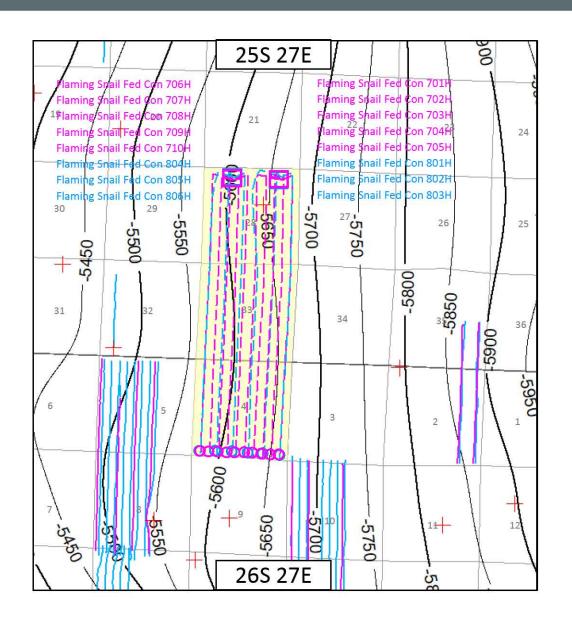
#### **PUBLICATIONS**

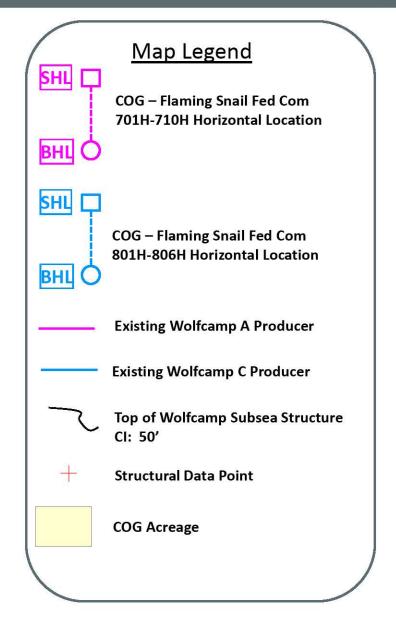
- Fletcher, A. et al. (2018) Lithospheric controls on the rifting of the Tanzanian Craton at the Eyasi Basin, Eastern Branch of the East African Rift System. Tectonics. Vol. 37, Issue 9, p2818-2832
- Bunds, M., DuRoss, C., Fletcher, A., Toke, N. (2015) High-resolution topographic mapping for geologic hazard studies using low-altitude aerial photographs and structure from motion software: methods, accuracy and examples. Geological Society of America Conference Paper, Baltimore, MD.
- Bryant, H., Fletcher, A., Judd, E., Zanazzi, A. (2015) Eocene-Oligocene latitudinal climate gradients in North American inferred from stable isotope ratios in perissodactyl tooth enamel. *Paleogeography, Paleoclimatology, Paleoecology*. Vol. 417, p561-568

# (Exhibit B-2) Flaming Snail Fed Com 701H-710H & 801H-806H

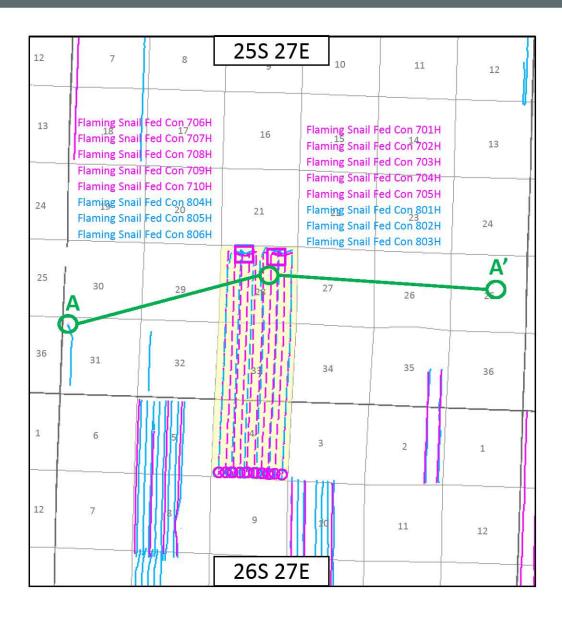


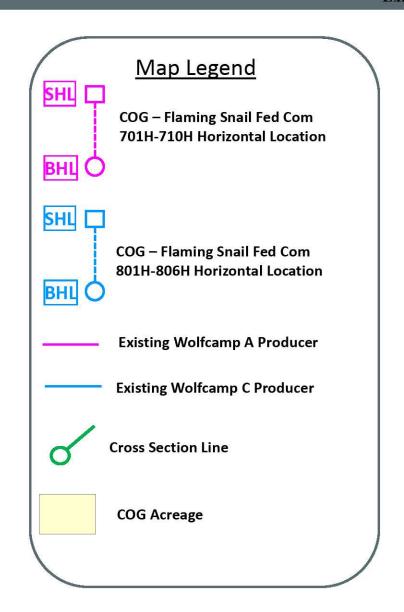


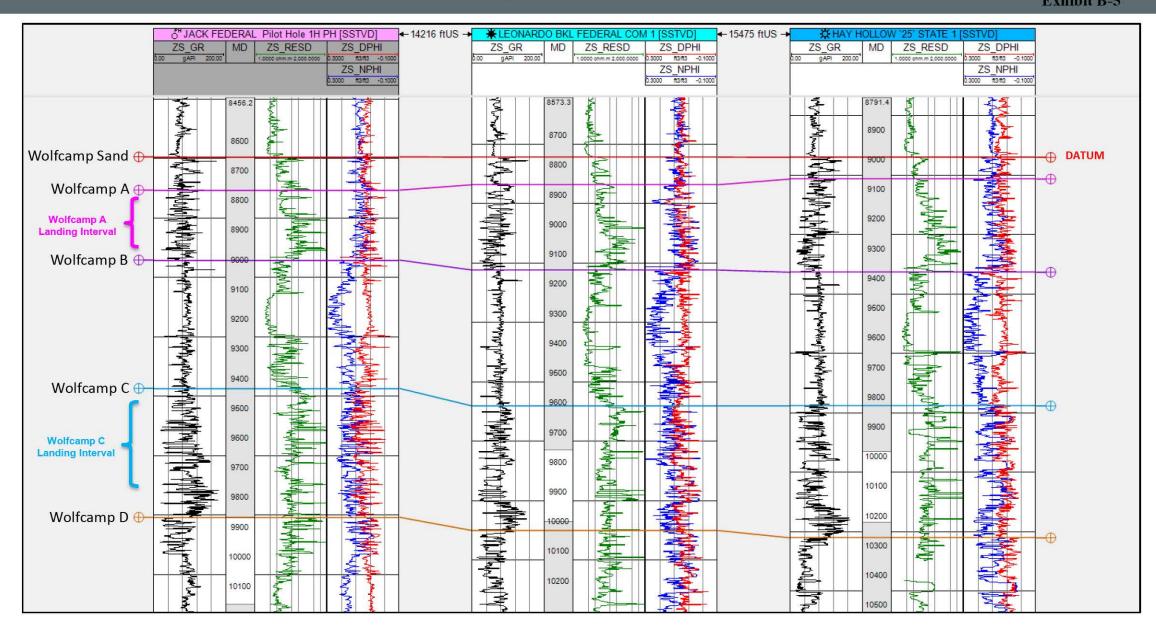




# (Exhibit B-4) Flaming Snail Fed Com 701H-710H & 801H-806H Cross-section Map







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

APPLICATION OF COG OPERATING LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

**CASE NO. 23303** 

SELF-AFFIRMED STATEMENT
OF DANA S. HARDY

1. I am attorney in fact and authorized representative of COG Operating LLC, the

Applicant herein.

2. I am familiar with the Notice Letter attached as **Exhibit C-1** and caused the Notice

Letter, along with the Application in this case, to be sent to the parties set out in the chart attached

as Exhibit C-2.

3. Exhibit C-2 also provides the date each Notice Letter was sent and the date each

return was received.

4. Copies of the certified mail green cards and white slips are attached as **Exhibit C**-

3 as supporting documentation for proof of mailing and the information provided on Exhibit C-2.

5. On January 10, 2023, I caused a notice to be published to all interested parties in

the Carlsbad Current Argus. An Affidavit of Publication from the Legal Clerk of the Carlsbad

Current Argus, along with a copy of the notice publication, is attached as **Exhibit C-4**.

6. I understand this Self-Affirmed Statement will be used as written testimony in the

subject cases. I affirm that my testimony above is true and correct and it made under penalty of

perjury under the laws of the State of New Mexico. My testimony is made as of the date

handwritten next to my signature below.

/s/ Dana S. Hardy

Date

March 30, 2022

Dana S. Hardy

COG Operating LLC Case No. 23303 Exhibit C



### HINKLE SHANOR LLP

### P.O. BOX 2068

SANTA FE, NEW MEXICO 87504 505-982-4554 (FAX) 505-982-8623

WRITER: Dana S. Hardy, Partner dhardy@hinklelawfirm.com

January 11, 2023

### <u>VIA CERTIFIED MAIL</u> RETURN RECEIPT REQUESTED

#### TO ALL PARTIES ENTITLED TO NOTICE

Re: Case Nos. 23303 & 23304 – Applications of COG Operating LLC for Compulsory Pooling, Eddy County, New Mexico.

To whom it may concern:

This letter is to advise you that the enclosed applications were filed with the New Mexico Oil Conservation Division. The hearing will be conducted on **February 2, 2023**, beginning at 8:15a.m.

Hearings are currently conducted remotely. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website: <a href="https://www.emnrd.nm.gov/ocd/hearing-info/">https://www.emnrd.nm.gov/ocd/hearing-info/</a>. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Pursuant to Division Rule 19.15.4.13.B, a party who intends to present evidence at the hearing shall file a pre-hearing statement and serve copies on other parties, or the attorneys of parties who are represented by counsel, at least four business days in advance of a scheduled hearing, but in no event later than 5:00 p.m. Mountain Time, on the Thursday preceding the scheduled hearing date. The statement must be submitted through the OCD E-Permitting system (<a href="https://www.apps.emnrd.nm.gov/ocd/ocdpermitting/">https://www.apps.emnrd.nm.gov/ocd/ocdpermitting/</a>) or via e-mail to ocd.hearings@emnrd.nm.gov and should include: the names of the parties and their attorneys, a concise statement of the case, the names of all witnesses the party will call to testify at the hearing, the approximate time the party will need to present its case, and identification of any procedural matters that are to be resolved prior to the hearing.

Please contact Shelley C. Klingler, Senior Land Negotiator for COG Operating LLC, by phone at 432-688-9027 if you have any questions regarding this matter.

Sincerely,	
/s/ Dana S. Hardy	
Dana S. Hardy	

Enclosure

COG Operating LLC Case No. 23303 Exhibit C-1

PO BOX 10 ROSWELL, NEW MEXICO 88202 (575) 622-6510 FAX (575) 623-9332 7601 JEFFERSON ST NE · SUITE 180 ALBUQUERQUE, NEW MEXICO 87109 505-858-8320 (FAX) 505-858-8321 PO BOX 2068 SANTA FE, NEW MEXICO 87504 (505) 982-4554 FAX (505) 982-8623



### HINKLE SHANOR LLP

ATTORNEYS AT LAW
P.O. BOX 2068
SANTA FE, NEW MEXICO 87504
505-982-4554 (FAX) 505-982-8623

WRITER: Dana S. Hardy, Partner dhardy@hinklelawfirm.com

January 6, 2023

### <u>VIA CERTIFIED MAIL</u> RETURN RECEIPT REQUESTED

#### TO ALL PARTIES ENTITLED TO NOTICE

Re: Case Nos. 23303 & 23304 – Applications of COG Operating LLC for Compulsory Pooling, Eddy County, New Mexico.

To whom it may concern:

This letter is to advise you that the enclosed applications were filed with the New Mexico Oil Conservation Division. The hearing will be conducted on **February 2, 2023**, beginning at 8:15a.m.

Hearings are currently conducted remotely. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website: <a href="https://www.emnrd.nm.gov/ocd/hearing-info/">https://www.emnrd.nm.gov/ocd/hearing-info/</a>. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

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Sincerely,	
/s/ Dana S. Hardy	
Dana S. Hardy	

Enclosure

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

APPLICATION OF COG OPERATING LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

**CASE NO. 23303** 

APPLICATION OF COG OPERATING LLC FOR COMPULSORY POOLING AND APPROVAL OF NON-STANDARD SPACING UNIT, EDDY COUNTY, NEW MEXICO

**CASE NO. 23304** 

### **NOTICE LETTER CHART**

PARTY	NOTICE LETTER SENT	RETURN RECEIVED
Buffalo River Minerals, LLC.,	1/11/23	01/23/23
8 The Green, Suite 8479		
Dover, Delaware 19901		
Chevron U.S.A. Inc.	01/06/23	01/18/23
1400 Smith St., Suite 3600		
Houston, TX 77002		
Coterra Energy Inc.	01/06/23	01/11/23
600 N. Marienfeld St., Suite 600		
Midland, TX 79701		
Donald R. Creamer, Inc.	01/06/23	01/11/23
2005 W. Boyd St.		
Midland, TX 79705		
Donald R. Creamer, Inc.	01/06/23	01/26/23
3300 N "A" Street		
One Petroleum Center		
Building 1, Suite 244		
Midland, TX 79705		
Donald R. Creamer, Inc.	01/06/23	02/10/23
PO Box 10014		
Midland, TX 79702		Return to sender.
EOG Resources Inc.	01/06/23	01/12/23
5509 Champions Blvd.		
Midland, TX 79706		
Map Resources, Inc.	01/06/23	01/11/23
401 W. Texas Ave.		
Midland, TX 79701		
Richard E., and Blix A. Masterson	01/06/23	01/13/23
3520 Rocks Mill Lane		
Charlottsville, VA 22903		
Richard E., and Blix A. Masterson	01/06/23	02/06/23
5712 Heartland Court		
Midland, TX 79707		Return to sender.

COG Operating LLC Case No. 23303 Exhibit C-2

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

APPLICATION OF COG OPERATING LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

**CASE NO. 23303** 

APPLICATION OF COG OPERATING LLC FOR COMPULSORY POOLING AND APPROVAL OF NON-STANDARD SPACING UNIT, EDDY COUNTY, NEW MEXICO

**CASE NO. 23304** 

### **NOTICE LETTER CHART**

Greg McCabe PO Box 11188 Midland, TX 79702	01/06/23	01/18/23
Nestegg Energy Corporation 2308 Sierra Vista Rd Artesia, NM 88210	01/06/23	01/12/23
OXY Y-1 Company 5 Greenway Plaza, Suite 110 Houston, TX 77046	01/06/23	01/18/23
Samson Resources II 15 East 5th Street, Suite 1000 Tulsa, OK 74103	01/06/23	01/19/23
TRO-X, L.P. 511 W. Ohio, Suite 301 Midland, TX 79701	01/06/23	01/20/23 Return to sender.
TRO-X, L.P. PO Box 3816 Midland, TX 79702	01/06/23	01/23/23
Veritas Permian Resources III, LLC 6500 White Settlement Rd. Westworth Village, TX 76114	01/06/23	01/13/23
Veritas Permian Resources III, LLC PO Box 10850 Fort Worth, TX 76114	01/06/23	02/24/23

. 32	CERTIFIED MAIL® RECEIPT	
日	Domestic Mail Only	
0950 0002 0368 6526	Certified Mali Fee  \$ Extra Services & Fees (check box, add fee as appropriate)    Return Receipt (inardcopy)     Return Receipt (electronic)     Certified Mali Restricted Delivery     Adult Signature Restricted Delivery     Adult Signature Restricted Delivery     Total Postage and Fees	
	\$ 294	
7021	Sant To.  Buffalo River Minerals, LLC.,  8 The Green, Suite 8479  Dover, Delaware 19901  23303 & 23304 (COG - Flaming Snail)	
	PS Form 3800, April 2015 PSN 7530-02-000-8047 See Reverse for Instructions	

1991 Salara Cara Cara Cara Cara Cara Cara Cara			
SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY		
<ul> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Signature  X		
1. Article Addressed to:  Buffalo River Minerals, LLC.,  8 The Green, Suite 8479  Dover, Delaware 19901  23303 & 23304 (COG - Flaming Snail)	D. Is delivery address different from item 18 Pes If Particular address before No  JAN 23 2023  Hinkle Shanor II P		
9590 9402 7635 2122 8638 67  2. Article Number (Transfer from service label) 7021 0950 0002 0368 6528	3. Service TypeSanta Fe NM 87504 Priority Mail Express®  □ Adult Signature □ Adult Signature Restricted Delivery □ Certified Mail® □ Certified Mail Restricted Delivery □ Collect on Delivery □ Insured Mail □ Insured Mail Restricted Delivery (over \$500)		
PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt		

COG Operating LLC Case No. 23303 Exhibit C-3









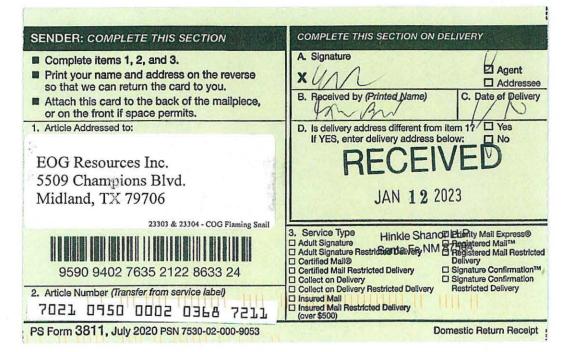




































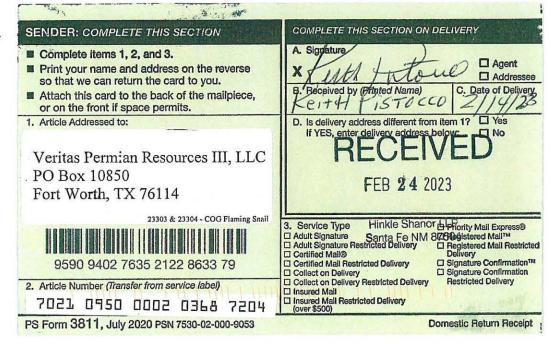














#### HINKLE SHANOR LLP ATTORNEYS AT LAW

POST OFFICE BOX 2068 SANTA FE, NEW MEXICO 87504

> RECEIVED FEB 1 0 2023

> > Hinkle Shanor LLP Santa Fe NM 87504

### CERTIFIED MAIL



7021 0950 0002 0368 7266

FIRST-CLASS

Donald R. Creamer, Inc. PO Box 10014 Midland, TX 79702

23303 & 2330

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Released to Imaging: 3/31/2023 10:25:48 AM



#### HINKLE SHANOR LLP ATTORNEYS AT LAW

POST OFFICE BOX 2068 SANTA FE, NEW MEXICO 87504

# RECEIVED

FEB - 6 2023

Hinkle Shanor LLP Santa Fe NM 87504

### CERTIFIED MAIL



7021 0950 0002 0374 4419

FIRST-CLASS

0006052409

Richard E., and Blix A. Masterson 5712 Heartland Court Midland, TX 79707

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BC: 87504206868

<u> Արդելինիի հրանիկանիկանին հիրանիկանին անձրունին հրանին հրանին հրանին հրանին հրանին հրանին հրանին հրանին հրանի</u>

UNC

797078761845-76821



## CERTIFIED MAIL

HINKLE SHANOR LLP ATTORNEYS AT LAW POST OFFICE BOX 2068 SANTA FE, NEW MEXICO 87504



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FIRST-CLASS

US POSTAGE PITNEY BOWES

ZIP 87501 \$ 008.060

RECEIVED

JAN 2.0

Hinkle Shanor LLP Santa Fe NM 87504 TRO-X, L.P. 511 W. Ohio, Suite 301 Midland, TX 79701

NIXIE

799 FE 1

0001/15/25

RETURN TO SENDER NOT DELIVERABLE AS ADDRESSED UNABLE TO FORWARD

日旗日

23303

757015566665655

BC: 87504206868 \*0268-09083-06-43

## Carlsbad Current Argus.

#### Affidavit of Publication Ad # 0005548502 This is not an invoice

HINKLE SHANOR LLP POBOX 10

ROSWELL, NM 88202-0010

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 in editions dated as follows:

01/10/2023

Legal Clerk

Subscribed and sworn before me this January 10, 2023:

./..

State of WI, County of Brown NOTARY PUBLIC

1 - 1/

My commission expires

Ad # 0005548502 PO #: 0005548502 # of Affidavits1

This is not an invoice

KATHLEEN ALLEN Notary Public State of Wisconsin

> COG Operating LLC Case No. 23303 Exhibit C-4

This is to notify all interested parties, including Chev-ron U.S.A. Inc., Coterra Ener-gy Inc., EOG Resources Inc., Veritas Permian Resources III, LLC, OXY Y-1 Company, Greg McCabe, TRO-X, L.P., Donald R. Creamer, Inc., Map Resources, Inc., Richard E. Masterson and Blix Ann Masterson, Nestegg Energy Corporation, Samson Re-sources, and their successors and assigns, that the New Mexico Oil Conservation Division will conduct a hearing on an application submitted by COG Operating LLC (Case No. 23303). The hearing will be conducted remotely on February 2, 2023, beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website for that date: https: website for that date: https://www.emnrd.nm.gov/ocd/hearing-info/. Applicant applies for an order pooling all uncommitted interests in the Wolfcamp formation underlying a 1,920-acre, more or less, standard horizontal spacing unit comprised of Sections 28 and 33 of Township 25 South, Range 27 East, and Section 4 of Township 26 South, Range 27 East, Eddy County, New Mexico ("Unit"). Applicant seeks to dedicate the cant seeks to dedicate the Unit to the following proposed wells ("Wells"): the Flaming Snail Fed Com 701H, Flaming Snail Fed Com 702H, Flaming Snail Fed Com 703H, Flaming Snail Fed Com 801H, and Flaming Snail Fed Com 802H, to be drilled from a surface hole location in the NE/4 NE/4 (Unit A) of Section 28, Township 25 South, Range 27 East, to bottom hole locations in the SE/4 cant seeks to dedicate the 28, Township 25 South, Range 27 East, to bottom hole locations in the SE/4 SE/4 (Unit P) of Section 4, Township 26 South, Range 27 East; the Flaming Snail Fed Com 704H, Flaming Snail Fed Com 705H, and Flaming Snail Fed Com 803H, to be drilled from a surface hole location in the NE/4 NE/4 (Unit A) of Section 28, Township 25 South, Range 27 East, to bottom hole locations in the SW/4 SE/4 (Unit O) of Section 4, Township 26 South, Range 27 East; the Flaming Snail Fed Com 706H, Flaming Snail Fed Com 707H, Flam-

ing Snail Fed Com 708H, Flaming Snail Fed Com 804H, and Flaming Snail Fed Com 805H, to be drilled from a surface hole location from a surface hole location in the NE/4 NW/4 (Unit C) of Section 28, Township 25 South, Range 27 East, to bottom hole locations in the SE/4 SW/4 (Unit N) of Section 4, Township 26 South, Range 27 East; and the Flaming Snail Fed Com 709H, Flaming Snail Fed Com 710H, and Flaming Snail Fed Com 806H, to be drilled from a surface hole Snail Fed Com 806H, to be drilled from a surface hole location in the NE/4 NW/4 (Unit -C) - of - Section - 28, Township 25 South, Range 27 East, to a bottom hole location in the SW/4 SW/4 (Unit M) of Section 4, Township 26 South, Range 27 East. The completed intervals of the Wells will be orthodox. The completed interval of the Flaming Snail Fed Com 706H well will be located within 330' of the quarter-quarter section line separating the E/2 and W/2 of Sections 28 and 33, Township 25 South, Range 27 East, and Section 4, Township 26 South, Range 27 East, to allow for the creation of 24 1920 area. Township 26 South, Range 27 East, to allow for the creation of a 1,920-acre standard horizontal spacing unit. 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 the operator of the Wells, and a 200% charge for the risk involved in drilling and completing the Wells. The Wells are located approximately 22 cated approximately 22 miles south of Carlsbad, New Mexico. #5548502, Current Argus, January 10, 2023

1