

August 13, 2015

Janet M. Hanley 5422 Beaver Lodge Drive Kingwood, TX 77345

RE: Well Proposal - Bone Yard 11 Fee #11H

 SL:
 10' FSL & 130' FWL (Unit M)

 BHL:
 330' FNL & 330' FWL (Unit D)

 Section 11, T20S, R25E, Eddy County, New Mexico

Dear Ms, Hanley:

COG Operating LLC ("COG"), as Operator, proposes to drill the Bone Yard 11 Fee #11H as a horizontal well at the above-captioned location or at an approved surface location within location unit letter M, to a depth of approximately 2880' TVD, 7825' MD to test the Yeso Formation ("Operation"). The total cost of the Operation is estimated to be \$2,786,000 and a detailed description of the cost is set out in the enclosed Authority for Expenditure ("AFE"). COG anticipates that it will spud the well in the second quarter of 2016.

COG is proposing to drill this well under the terms of a modified 1989 AAPL Model Form Operating Agreement ("OA") covering the W ½ of the W ½ of Section 11, T-20-S, R-25-E, with the following general provisions:

- 100/300 Non-consenting penalty
- \$6000 per month drilling rate \$600 per month producing rate
- COG named as Operator
- (a draft of our proposed OA is enclosed)

If you wish to participate in the Operation, please sign and return the AFE. If you desire to receive well information regarding the subject operations, please include a Well Information Requirements list with the AFE. Upon receipt of your signed AFE, we will send an executable copy of the OA.

If you do not wish to participate in the Operation, COG would like to acquire a Lease of your interest for the following general terms:

- Three year primary term
- 3/16 Royalty Interest, proportionately reduced
- \$150 per net acre bonus consideration

COG will apply to the New Mexico Oil Conservation Division for compulsory pooling for the proposed well. If we do not reach an agreement within 30 days of the date of this letter, your interest will be named in the application.

Please direct any technical questions to Carl Bird at 432-686-3057 and land questions to the undersigned at 432-685-4354.

Yours Truly,

COG, Operating LLC

Senior Landman

CORPORATE ADDRESS: One Concho Center 600 W Illinois Avenue Midland, Texas 79701 Phone 432.683.7443 Fax 432.683.7441

BEFORE THE OIL CONVERSATION DIVISION Santa Fe, New Mexico Exhibit No. 7 Submitted by: COG OPERATING LLC Hearing Date: October 1, 2015

COG OPERATING LLC AUTHORITY FOR EXPENDITURE DRILLING

HL: 10' FSL 130' FWL (UL • M)		PROSPECT NAME: LAKEWOOD/CEMETARY STATE & COUNTY: New Mexico, Eddy				
BHL: 330' FNL 330' FWL (UL - D)		OBJECTIVE: Yeso Horizontal				
ORMATION: Yeso		DEPTH:		7,825		
EGAL: T20S-R25E, SEC. 11		TVD:		2,880		
NTANGIBLE COSTS		BCP		ACP	TOTAL	
ide/Curative/Permit	201	11,000			11,0	
tsurance	202	4,000	302	0	40	
amages/Right of Way	203	40,000	303	0	40.0	
urvey/Stake Location	204	7,000	304	0	7,0	
ocalion/Pils/Road Expense	205	85,000	305	25,000	1 10.0	
rising / Completion Overhead	206	3,000	306	2,000	5,0	
umkey Coniract	207		307			
oolage Contract	208		308			
	- 209	156,000	309		156,0	
aywork Contract (0 days l/spud-ris @ \$0)			_	0		
irectional Drilling Services (0 dir days @ \$0)	210	99,000	310		99,0	
uel & Power	211	24,000	311	5.000	29,0	
/ater	212	29,000	312	85 000	114,0	
its	213	20,000	313	5 000	25,0	
tud & Chemicals	214	34,000	314	0	34,0	
nill Stem Test	215		315	0		
onng & Analysis	216		_			
ement Surface	217	32,000			32.0	
ement Intermediate	218	0				
ement 2nd Intermediate/Production	218	0	319	38,000	38,0	
ement Squeeze & Other (Kickoff Plug)	220		320	0		
loat Equipment & Centralizers	221	1,100	321	7,000	8,10	
asing Crews & Equipment	222	3,800	322	9.000	12,80	
ishing Tools & Service	223		323			
eologic/Engineering	224		324			
ontract Labor	225	5,000	325	42,000	47,00	
ompany Supervision	226	2,000	328	2,000	4,00	
ontract Supervision	227	18,000	327	46,000	64,00	
esting Casing/Tubing	228	2,490	328	4,500	6,9	
ud Logging Unit	229	18,000	329		18,00	
pgging	230	18,000	330		18.00	
erforaling/Wireline Services	231	1,500	331	118,000	119,5	
Imulation/Treating			332	824,000	824.00	
ompletion Unit			333	35,000	·35,00	
wabbing Unit			334	444 499		
entals-Surface	235	15,000	335	220.000	235,00	
ucking/Forkifi/Rig Mobilization	- 237	44,000	336 337	15,000	43,00	
etding Services	- 238	5,000	338	3,000	8.00	
ater Disposal	239	0	339	20,000	20,00	
ug to Abandon	240		340	0		
eismic Analysis	241	0	341	0		
osed Loop & Environmental	244	42.000	344	D	42,00	
iscellaneous	242	0	342	Q		
antingency 2%	243	15,110	343	32,500	47,61	
TOTAL INTANGIBLES	_	763,000		1,598,000	2,361,00	
	_					
ANGIBLE COSTS						
Inface Casing (8 5/8" 32# J55 LTC)	401	25,000	_		25,00	
ermediate Casing (8 5/8" 32# J55 LTC)	402	0	503	0		
nduction Casing (5 1/2" 17# L80)	_		503	109,000	109.00	
bing			504	15,000	15.00	
ellhead Equipment	405	5,790	505	18,000	23,79	
mping Unit			508	54,000	54,00	
me Mover	_		507	0		
ds			508	11,000	11,00	
nkş		<u> </u>	509 510	63,000	63,00	
wines	_		510 511	19,000	19,00	
ater Treater/Separator			512	29,000	29,00	
ctrical System	-	·	513	18,000	18,00	
ckers/Anchors/Hangers	414	0	514	2,000	2,00	
uplings/Fittings/Valves	415		515	36,000	36,50	
s Compressors/Meters	_		516	4.000	4,00	
hydrator	_		517			
ection Plant/CO2 Equipment	_		518		·····	
scellaneous	419		519	4,000	4,50	
ntingency	420		520	0	21	
TOTAL TANGIBLES	_	32,000		393,000	425,00	
TOTAL WELL COSTS		795,000		1,991,000	2,786,00	
	_					

By: Carl Bird

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We approve: ____% Working interest

Company: By:

Printed Name: Tule: Date:

Date Prepared: 8/10/2015

COG Operating LLC

By:

This AFE is only an estimate. By signing you agree to pay your share of the actual costs incurred.