

CHRONOLOGY OF EVENTS WEST LOVINGTON STRAWN UNIT

1992	Field discovery well is drilled by Charles B. Gillespie, Jr. and Energen's predecessor in interest, P, G & E Resources Company (50% each). Hamilton Federal #1, SW/SE, (Unit O), Section 33, T-15-S, R-35-E.
1993	In 1993, Gillespie and P, G & E drilled the Speight Fee Well No.1 in the NE/4 of Section 1, Township 16 South, Range 35 East NMPM in, Lea County, New Mexico. The Speight Fee Well No.1 was successfully completed in the Strawn formation generally defined by the New Mexico Oil Conservation Division ("NMOCD") in this particular area as the West Lovington Strawn pool consisting of the geologic equivalent of those depths occurring between 11,420 feet and 11,681 feet.
November, 1994	Following the successful completion of the Speight Fee No.1 Well and a number of additional wells, in or about November of 1994, Gillespie and Dalen Resources (successor to P, G & E) initiated formal discussions with various oil and gas Leasehold working interest owners in the area for the unitization of the West Lovington Strawn Pool, for the purpose of conducting secondary recovery operations across the unit area.
August 29, 1995	Pursuant to hearing, the New Mexico Oil Conservation Division issued Order No. R-10449 in Case No. 11195 approving of the Unit and the designation of Gillespie-Crow, Inc. as Unit Operator. The Unit became effective on October 1, 1995.
September, 1995	Gillespie, Dalen and the area working interest owners executed that Unit Agreement for the Development and Operation of the West Lovington Strawn Unit, Lea County, New Mexico, ("The Unit Agreement"). Simultaneously, Gillespie and the working interest owners also executed that Unit Operating Agreement, West Lovington Strawn Unit Area, Lea County, New Mexico ("Operating Agreement"). Under the Unit Agreement and the Operating Agreement, the parties "unitized" the Strawn formation and each committed their oil and gas leasehold interests in the formation to the 1,459 acre Unit (sometimes referred to as "The Unit" or





ENERGEN RESOURCES EXHIBIT NO. 12086



	"WLSU").				
	Under the Unit Agreement and Unit Operating Agreement, the original "Unit Area" consisted of the Strawn formation underlying the following acreage:				
	TOWNSHIP 15 SOUTH RANGE 35 EAST NMPM Section 33: All Section 34: W/2				
	TOWNSHIP 16 SOUTH RANGE 35 EAST NMPM Section 1: Lots 1 through 8				
	TOWNSHIP 16 SOUTH RANGE 36 EAST NMPM				
	Section 6: Lots 3 through 5				
	Under Section 4 of the Unit Agreement, the Unit Operator is obligated to expand the Unit to include any additional tract or tracts "regarded as reasonably necessary or advisable for the purposes of this agreement" or as may otherwise be prudent.				
	The pressure maintenance project is an essential part of unit operations. Under the Unit Agreement and Unit Operating Agreement, the Unit's surface and subsurface facilities are utilized in the pressure maintenance operations. The cost of the pressure maintenance project, including the costs of acquiring the injection gas and the cost of compression, are billed back to each of the unit working interest owners as unit operating expenses on a monthly basis.				
	Since its initiation, the pressure maintenance project has effectively maintained reservoir pressure within the West Lovington Strawn Pool. Due to the success of the pressure maintenance project, production from unit wells was increased from 100 barrels of oil per day ("BOPD") to over 200 barrels per day from each well.				
October 1, 1995	West Lovington Strawn Unit (WLSU) becomes effective. Average bottom hole pressure of the West Lovington Strawn Pool on 9/18/95 was 3294 psia.				
October 26, 1995	State "S" No. 1 well is completed in the Strawn formation flowing 505 BOPD + 720 MCFGPD. Original bottom hole pressure from DST taken 9/24/95 was 3286 psia.				
November 21, 1995	State "S" No. 1 well bottom hole pressure is recorded at 3261 psia. Gillespie-Crow, Inc. prepares to expand the WLSU to bring the State "S" well.				



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December, 1995	Hanley Petroleum, Inc. announces location of its Chandler No. 1 well to test the Strawn formation in Section 28,
	Township 15 South, Range 35 East just 330 feet from WLSU
	boundary.
January 19, 1996	Hanley Petroleum, Inc. spuds its Chandler No. 1 well 330'
	FSL & 1650' FEL of Section 28, Township 15 South, Range
	35 East, Lea County, New Mexico.
March 8, 1996	WLSU average bottom hole pressure is recorded at 3310 psia
	indicating that the pressure maintenance project for the Unit is
	working successfully.
March 14, 1996	Hanley Petroleum, Inc. completes its Chandler No. 1 well in
	the Strawn formation flowing 133 BOPD + 280 BWPD + 478
	MCFGPD. Hanley requests the OCD to hold well logs
	confidential for 90 days.
March 26, 1996	Charles B. Gillespie, Jr. completes its Snyder "EC" Com No.
	1 well in the Strawn formation pumping 52 BOPD + 45
	MCFGPD. Well is located 1346' FNL & 1980' FEL of
	Section 6, Township 16 South, Range 36 East, Lea County,
Nr. 0.10.1006	New Mexico.
May 9-10, 1996	Gillespie-Crow calls for a vote among the working interest
	owners in the WLSU and the State "S" No. 1 well for or
	against bringing the State "S" well and the two tracts that
	make up its proration unit into the WLSU at certain tract
I 10 1006	participation percentages.
June 10, 1996	Gillespie-Crow notifies working interest owners in the WLSU
	and in the State "S" No. 1 well of a working interest owners meeting to be held in Midland, Texas regarding the proposed
	expansion of the WLSU.
June 20, 1996	Gillespie-Crow, Inc. holds working interest owners meeting
June 20, 1990	regarding WLSU expansion. Owners in the State "S" No. 1
	well that are not in the WLSU request Gillespie-Crow to
	remap the West Lovington Strawn reservoir utilizing the new
	Charles B. Gillespie. Jr. Snyder "EC" Com No. 1 wellbore
	information which is located in Section 6, Township 16
	South, Range 36 East. Additional pressure data from the Unit
	wells, the State "S" well and the Snyder "EC" Com well is
	also requested.
June 28, 1996	OCD releases Hanley Petroleum's Chandler No. 1 electric
	logs. Logs confirm that the Chandler well is completed in the
	WLSU unitized interval and said interval appears to be the
	same reservoir as the West Lovington Strawn Pool. Gillespie-
	Crow notifies Hanley Petroleum it intends to take a field wide
	bottom hole pressure buildup of the West Lovington Strawn
	reservoir and invites Hanley to join in buildup analysis by
	shutting in its Chandler No. 1 and recording a buildup on said
	well.



July 2, 1996	Yates Petroleum Corp. writes Gillespie-Crow requesting State "S" no. 1 well be produced at top allowable. Letter states that Yates opposes joining the WLSU but if the two tracts that make up the proration unit for the State "S" No. 1 well are brought into the Unit, the tract participation percentages for said tracts should total 4.8935587% of the expanded WLSU. The letter further states that Yates believes the Charles B. Gillespie, Jr. Snyder "EC" Com No. 1 well should not be brought into said Unit.
July 19, 1996	Gillespie-Crow shuts in all of its wells in the WLSU together with the State "S" No. 1 and the Snyder "EC" Com No.1 for bottom hole pressure survey. WLSU average bottom hole pressure is recorded at 3295 psia. At the time the WLSU wells are put back on production the State "S" No.1 well's bottom hole pressure is still being recorded. The pressure curve for the State "S" well immediately flattens at this point indicating extremely good pressure communication between the well and the WLSU wells. No usable data is recovered from the Snyder "EC" Com No.1
July 28, 1996	Gillespie-Crow increases production from State "S" No. 1 well to 300 BOPD.
July 30, 1996	Gillespie-Crow's attorney file application for reduced allowable for Strawn wells drilled around WLSU boundaries
August, 1996	Early on, it was apparent that the State "S" No. 1, as well as the Hanley Petroleum Chandler No. 1, one of the other newly drilled wells, were in competition with wells within the Unit. Accordingly, in August of 1996 the Unit Operator reduced production from the Unit wells to a maximum of 150 BOPD in an effort to better balance reservoir injection and withdrawal rates and to maintain reservoir pressure. Gillespie-Crow simultaneously filed an application to have the NMOCD enter an order to reduce the "allowable" rate of production throughout the pool as it was then defined, both inside and outside the Unit's boundaries. After hearing, the NMOCD reduced the "allowable" from 445 BOPD to 250 BOPD throughout the pool.
September 7, 1996	Gillespie-Crow increases production from the State "S" No.1 well to top allowable.
September 11, 1996	Gillespie-Crow, Inc. and Enserch Exploration Inc. calculate hydrocarbon pore volume numbers and new tract participation factors for the proposed new WLSU area using the electric log data from the WLSU wells and the new State "S" No.1, the Chandler No.1 and the Snyder "EC" Com No. 1 wells.
September 12, 1996	Gillespie-Crow notifies all working interest owners in the WLSU, the State "S" No.1 well of its proposed expansion of the WLSU to include these two new wells. Gillespie-Crow



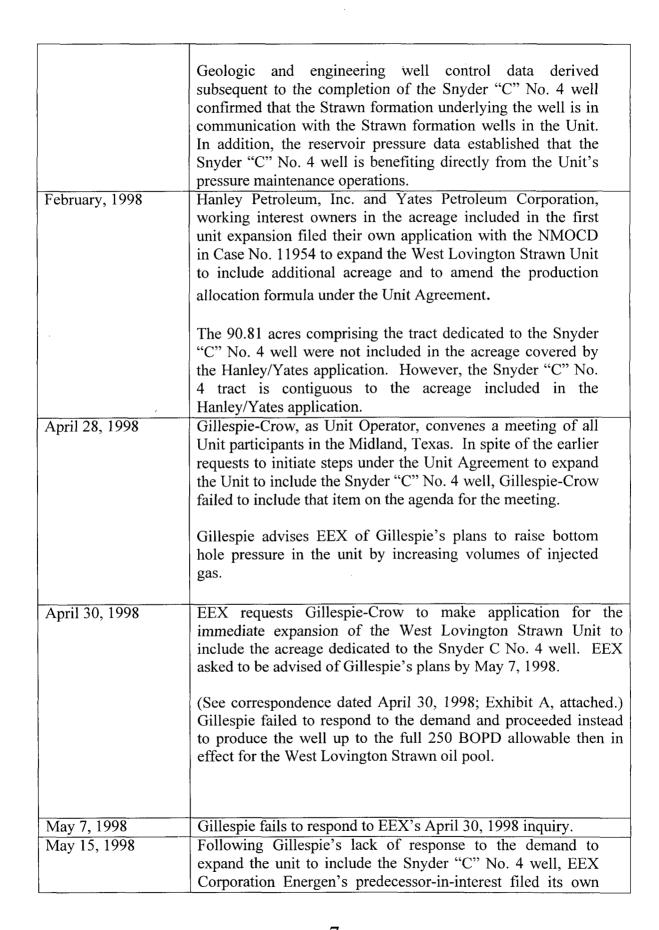
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	calls for a working interest owners meeting to be held in
	Midland, Texas.
September 19,	Gillespie-Crow, Inc. holds working interest owners meeting,
1996	proposes new WLSU maps and new tract participation
	percentages. All of the working interest owners who do not
	have an interest in the current WLSU reject proposed maps
	and percentages. Gillespie-Crow asks Hanley Petroleum to
	trade pressure data regarding the WLSU, the State "S" well
	and the Chandler well.
September 25,	Gillespie-Crow calls for vote from working interest owners in
1996	the WLSU, the State "S" No.1 well and the Chandler No. 1
	well for or against the proposed expansion of the WLSU to
	include these two new wells at the tract participation
	percentages presented by Gillespie-Crow at the working
	interest owners meeting.
October 23, 1996	Gillespie-Crow notifies all working interest owners in the
	WLSU, the State "S" No. 1 and the Chandler No. 1 that the
	results of the voting regarding expansion of the WLSU to
	include these two new wells indicates that 98.0511047% of
	the cost bearing interest owners in the proposed new Unit
	Area voted FOR expansion. Gillespie-Crow requests that
	those parties who voted against expansion reconsider and
	voluntarily join.
November 25,	Gillespie-Crow receives preliminary approval of Unit
1996	expansion from the BLM.
December 26,	Gillespie-Crow receives preliminary approval of Unit
1996	expansion from the Commissioner of Public Lands.
January 24, 1997	Gillespie-Crow filed its application with the NMOCD in Case
•	No. 11724 seeking the expansion of the WLSU pursuant to
	the Statutory Unitization Act (Sec. 70-7-1, et seq.) to include
	those tracts dedicated to the Hanley Petroleum Chandler No. 1
	well and the Gillespie State "S" well.
February 14,	Yates Petroleum, et al.'s attorney files motion to continue
1997	OCD hearing regarding the expansion of the WLSU and
	requests OCD to issue a subpoena requiring Gillespie-Crow to
	produce certain information.
February 21,	Gillespie-Crow shuts in all of its wells in the WLSU and the
1997	State "S" No.1 well for bottom hole pressure survey. WLSU
	average bottom hole pressure survey. WLSU average bottom
	hole pressure is recorded at 3262 psia. The State "S" No.1
	well's bottom hole pressure is recorded at 3257 psia verifying
	said well is in communication with the WLSU wells. Hanley
	Petroleum rigs up and runs wireline survey on its Chandler
	No.1 well at the same time the Unit wells are shut in the being
	surveyed.
February 26,	OCD issues Order Nos. R-9722-C and R-10448-A regarding
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1997	Gillespie-Crow, Inc's application for pool creation, pool contraction and reduced allowable. Order creates the South Big Dog Strawn Pool, contracts the West Lovington Strawn Pool and reduces allowable in the West Lovington Strawn Pool to 250 BOPD.					
March 7, 1997	Yates Petroleum's and Hanley Petroleum's attorney files an Application for Hearing De Novo regarding OCD's Order Nos. R-9722 C and R-10448-A.					
March 15, 1997	Yates Petroleum, et al's attorney asks Gillespie-Crow's attorney for a voluntary continuance of the hearing for Unit Expansion set for March 20, 1997.					
March 17, 1997	Gillespie-Crow agrees to voluntarily continue the hearing set for March 20, 1997, if Yates Petroleum, et al. agree to shut in the State "S" No.1 and the Chandler No.1 wells until an order is issued by the OCD regarding Unit Expansion. Yates Petroleum, et al. will not agree to shut wells in.					
March 18, 1997	Gillespie-Crow, Inc. objects to the continuance, however the motion was granted by the OCD.					
April 1, 1997	Yates, et al and Hanley file a second motion for continuance of the hearing with the OCD in order to allow adequate time to complete their study.					
April 4, 1997	OCD grants the continuance and sets this hearing for May 15, 1997.					
May 15, 1997	Hearing in Case No. 11,724					
August 27, 1997	After the hearing, the NMOCD issued Order No. R-10864 in Case No. 11724. By Order No. R-10864, the NMOCD approved Gillespie-Crow's application to expand the WLSU to include these two additional wells, and following ratification of the order by the affected owners of royalty and working interests, the unit expansion became effective.					
September 9, 1997	Yates and Hanley file their application for hearing de novo in Case No. 11,724 (Order No. R-10864.)					
February, 1998	Subsequent to the NMOCD's approval of the first expansion of the WLSU, Gillespie-Crow, drilled and completed the Gillespie Snyder "C" No. 4 well at a location outside the Unit in The NE/4 NE/4 of Section 6, Township 16 South, Range 36 East NMPM. The 90 81 acre tract comprising lot 1 and lot 8 of said Section 6 (E/2 NE/4 equivalent) dedicated to the Snyder "C" No. 4 well is located adjacent to the southeastern portion of the unit.					
	One hundred percent of the record title working interest in the lease acreage dedicated to the Snyder "C" No. 4 well is owned by Charles B. Gillespie, Jr. The well is operated by Gillespie-Crow, Inc., which is owned and controlled by Charles B. Gillespie, Jr.					











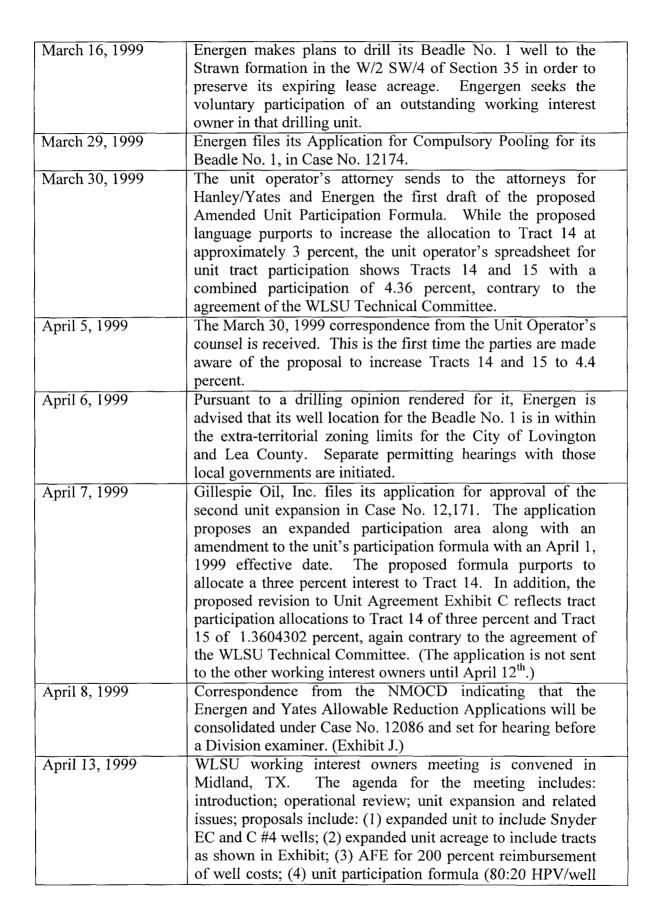
	application with the New Mexico Oil Conservation Commission in Case No. 11987 to expand the West Lovington Strawn Unit to include Gillespie's new well. The matter is to be heard by the NMOCC on June 17, 1998 (See Exhibit B.)						
May 31, 1998	Gillespie-Crow, Inc. requests a two month continuance of Case No. 11,724 (De Novo), No. 11,954 and No. 11,98 consolidated for hearing before the NMOCC. (Exhibit C.)						
June 3, 1998	Energen's predecessor, EEX, through counsel, asks the NMOCC to avoid a continuance of the consolidated unit expansion cases. (Exhibit D.)						
June 4, 1998	Energen's predecessor, EEX, "strongly opposes" the continuance of the consolidated cases. (Exhibit E.)						
June 8, 1998	The consolidated cases are continued to an undetermined date. (Exhibit F.)						
October 1, 1998	Energen acquires the interests of EEX Corporation in the area of the West Lovington Strawn Unit.						
October 8, 1998	Yates and Hanley file their Application for Allowable Reduction.						
November 2, 1998	Another Unit Working Interest Owners meeting was convened in Midland. Again, Gillespie-Crow failed to address the issue of expanding the Unit to include the Snyder "C" No. 4 well. However, at that meeting, Gillespie-Crow did agree to shut-in the Strawn Wells in the Unit as well as the Snyder "C" No. 4 in order to conduct a reservoir pressure build-up test. The data derived from the shut-in pressure test established conclusively that the Snyder "C" No. 4 well is in communication with the Strawn formation underlying the Unit and that the Snyder "C" No. 4 is benefiting directly from unit pressure maintenance operations. The interest owners agree that the technical committee will draft a new HPV map and allocation formula.						
December 7, 1998	First meeting of the WLSU Technical Committee.						
December 10, 1998	Energen sent Gillespie-Crow another written request for the Unit Operator to initiate expansion of the West Lovington Strawn Unit to include the Snyder "C" No. 4 well. (See correspondence dated December 10, 1998; Exhibit G.)						
December 11, 1998	Gillespie responds to Energen's December 10, 1998 request to expand the unit. Gillespie urges deference to the WLSU Technical Committee's work (Exhibit H.)						
January 8, 1999	WLSU Technical Committee meeting. The three technical representatives for the principals agree on a new So\(\phi\)H map. Various factors for a new allocation formula are discussed. At the meeting, Gillespie commits to pursue expansion of the unit immediately rather than waiting for the Snyder "C" No. 4 to reach payout. Gillespie, as operator, also commits to						



	expedite the Technical Committee's deliberations.			
January 15, 1999	Gillespie's commitment to take immediate steps to expand the			
	unit is memorialized in writing by Energen's landman.			
	(Exhibit I.)			
January 19, 1999	WLSU technical committee meeting, Midland, TX. A final			
	version of a SooH map is agreed on. The Gillespie			
	representative distributes pay out schedules for the Snyder EC			
	Com and the Snyder C No. 4 wells, indicating likely pay out			
	in six months and four months, respectively.			
February 4, 1999	Energen realizes the second expansion of the West Lovington			
• •	Strawn Unit will not be accomplished in time to preserve its			
	lease acreage in the W/2 SW/4 of Section 35, which expires			
	on May 21, 1999. Energen orders a title take-off from an			
	independent landman. Energen tries to obtain a lease			
	extension.			
February 11,	WLSU technical committee meets in Midland. The new map			
1999	and tract allocations are discussed. It is agreed that the			
	allocations to Tracts 14 and 15 owned by Hanley should be			
	approximately three percent, combined. The group agrees to			
	use 80:20 HPV and well count as the only factors in an			
	amended participation formula. The Gillespie representative			
	first raises the issue of compensating Gillespie for the Snyder			
	C No. 4 in excess of 100 percent pay-out. The group			
	tentatively agrees to bring the Snyder C No. 4 well into the			
	unit at a 150 percent pay out.			
February 12,	Gillespie informs Energen that it rejects the 150 percent pay			
1999	out for the Snyder C No. 4 well, demanding instead a 200			
	percent pay-out for both the Snyder C No. 4 and 117 percent			
	for the EC Com No. 1 well.			
March 4, 1999	Energen files its Application for Allowable Reduction for the			
,	West Lovington Strawn Pool, requesting it be consolidated with			
	the Yates application in Case No. 12086 and that the matters be			
	set for hearing on the March 25, 1999 Commission docket.			
March 5, 1999	WLSU Technical Committee meeting in Midland, TX.			
,	Gillespie proposes amending the Unit Operating Agreement			
	to provide for a 200 percent pay out per well brought into the			
	unit. The pending expiration of the lease under Tract 15 was			
	discussed. It was agreed that the unit would attempt to			
	nominate the lease at the next state sale and some effort would			
	be made to compensate Hanley for the loss of the lease.			
	Gillespie repeats the demand for 200 percent pay out for the			
	Snyder C No. 4 well. It is indicated that Gillespie would not			
	agree to a 80:20 HPV/well bore participation formula unless			
	the 200 percent pay out is accepted.			
March 15, 1999	the 200 percent pay out is accepted. Energen's landman advises that its expiring lease in the W/2			











	factor), with an effective date of 4/1/99; (5) Tract 14 participation; (6) amendment to gas balancing agreement; (7) other matters.
	Energen states objection to the allocation of pore volume to Tracts 14 and 15 as proposed in the Application by Gillespie to the NMOCD. The discussion makes clear that the participants in the WLSU technical committee had agreed that Tract 14 would be brought in at 1.6 percent and Tract 15 at 1.3 percent, with a combined participation approximately of 2.98 percent.
	The unit operator circulates ballots seeking approval of the unit expansion, an amended unit participation formula, and for the approval of an AFE for the Snyder C No. 4 well at 200 percent pay out. Although the ballots were requested to be returned within 2 weeks, the unit operator did not publicize the results of the ballot poll.
April 26, 1999	Gillespie requests a four-week continuance of Case No. 12,171 (unit expansion). (Exhibit K.)
April 29, 1999	NMOCD hearing on Energen's Application for Compulsory Pooling (Beadle No. 1 well).
May 5, 1999	Letter from Unit Operator's attorney regarding resolution of several outstanding issues preparatory to the second unit expansion hearing. Among these issues are the tract participations and amended formula, the inclusion of Tract 15 with its expiring lease, State Land Office and BLM approvals and the 200 percent pay out issue.
May 5, 1999	NMOCD issues Order No. R-11178 in Case No. 12,174 pooling uncommitted interests in the drilling unit for the Beadle No. 1 well.
May 6, 1999	Correspondence from Energen's counsel responding to the May 6, 1999 correspondence from the Unit Operator's counsel. Energen repeats its objection to the 4.4 percent combined allocation to Tracts 14 and 15.
May 6, 1999	Meeting among counsel for Energen, Yates/Hanley, Gillespie Oil, Inc. and Snyder Ranches, Inc. The outstanding issues continue to remain unresolved and it is made clear the ratification for the expanded unit in the amended participation formula will not be forthcoming as a result.
May 17, 1999	Energen files its Motion for Continuance in Case No. 12,171 pending the Division's consideration of the consolidated applications in Case No. 12,086. The Motion is denied and the matter set for hearing on May 27, 1999.
May 19, 1999	Energen commences drilling the Beadle No. 1.
May 27, 1999	NMOCD hearing on the 2 nd Expansion of the WLSU (Case No.





May 28, 1999	12,171). At the hearing, Gillespie Oil, Inc., as Unit Operator, presents the WLSU Technical Committee's proposal for expanding the unit. The well pay-out issue is brought up. The representative witness for Gillespie indicates that Gillespie will not ratify the WLSU Technical Committee proposal. At the same hearing, the same witnesses testifying on behalf of the Unit Operator also present an alternative proposal for unit expansion, on behalf of Charles B. Gillespie, Jr., individually. The alternative proposal is not revealed to anyone before the hearing. Representatives from Energen and Gillespie meet in Santa Fe
	to discuss a compromise on the well pay-out issue. Those representatives reach a tentative agreement to amend the terms of the Unit Operating Agreement to provide for a "Payout Multiple" formula (Draft V). (Exhibit L.) It is understood that the tentative agreement is subject to the ultimate approval of Charles Gillespie.
June 3, 1999	In connection the tentative agreement resolving all remaining outstanding issues relative to the second expansion of the WLSU, Energen provides Gillespie with the following: 1.) A draft Side Letter Agreement; 2.) A revision to the Unit Tract Participation, in accordance with the Technical Committee's agreement; 3.) The February 12, 1999 HPV map, revised effective June 1, 1999; 4.) The "Draft V" amendment to the Unit Operating Agreement (well pay-out provision) (See Exhibit M, with attachments.)
June 10, 1999	Gillespie does not respond to Energen's June 3, 1999 letter or otherwise follow-up on the tentative agreement. (Approximate) Energen is informed that Gillespie has staked a new well in the Unit Expansion acreage immediately off-setting the Beadle No. 1 well to the south. (Exhibit N.)
June 17, 1999	Gillespie does not respond to Energen's June 3, 1999 letter or otherwise follow-up on the tentative agreement. Gillespie's counsel is advised of plans to supplement the record in Case No. 12,171 to include the "Payout Multiple" formula amendment to the Unit Operating Agreement.
June 22, 1999	Energen asks Gillespie to respond to Energen's June 3, 1999 correspondence. (See Exhibit O, with attachments.) Gillespie responds to Energen's June 3, 1999 letter. (Exhibit P.) Through counsel's fax letter, Gillespie accepts the terms of the agreement set out in Energen's June 3 rd letter. In addition, Gillespie seeks further concessions: Gillespie asks that Energen's Beadle No. 1 be treated as a "unit well" and that the other unit





	interest owners be allowed to participate in the well.
	Division Examiner is requested to supplement records in Case No. 12, 171 with the Affidavit of Barney Kahn incorporating "Pay-out Multiple" formula amending the Unit Operating Agreement. (Exhibit Q) By copies to all counsel, other parties of record are requested to comment or object. (No objections are made.)
June 24, 1999	Energen, through counsel, responds to Gillespie's June 22, 1999 counter proposal. (See Exhibit R.) Energen meets the additional concessions requested by Gillespie. Energen agrees to treat the well as a "unit well" and farm-out a term interest in the Beadle well which would entitle Gillespie to participate in the recovery of drilling and completion costs proceeds under the "Pay-out Multiple" formula, tentatively agreed to on May 28, 1999. At such time as the well is brought into the unit, the term interest would automatically
	terminate and Energen would revert to its original proportionate working interest ownership in that unit tract.
June 25, 1999	Gillespie, through counsel, seeks clarification of Energen's June 24, 1999 letter. (Exhibit S.) Energen's counsel immediately responds to the inquiry. (Exhibit T.)
	In order to meet the deadlines imposed by Gillespie, Energen offers all other working interests owners in the WLSU to participate in the drilling of the Beadle No.1 according to the farm-out proposed in Energen's June 24, 1999 letter. Copies of the June 3, 1999 Side Letter Agreement and an AFE are enclosed with the offer. The offer requests a same day response. (Exhibit U.) Responses both accepting and rejecting are received. Gillespie, through counsel, issues a letter advising of the rejection
ı.	of Energen's June 24, 1999 farm-out proposal. (Exhibit V.)
June 27, 1999	The Beadle No. 1 well penetrates the Strawn formation.
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RALPH L NELSON Staff Geologist

April 30, 1998

Mr. Charles Gillespie Gillespie-Crow, Inc. P.O. Box 2557 Midland, Texas 79702

Re: W. Lovington Strawn Unit

Lea County, New Mexico

Dear Mr. Gillespie:

Your production manager, Mark Mlandenka, recently apprised us of Gillespie-Crow's plans for placing the Gillespie Snyder "C" No. 4 well on production while raising the bottom-hole pressure for the West Lovington Strawn Unit by increasing the volumes of gas injected via the unit's pressure maintenance project. It is unclear if Gillespie-Crow has any immediate plans to address whether the Snyder well is benefiting from the pressure maintenance project on the adjoining unit. It is also unclear when Gillespie-Crow intends to expand the unit to include the acreage dedicated to the new well. These matters were not addressed at the working interest owners meeting held in Midland on April 28, 1998.

EEX has enjoyed an amicable relationship with Gillespie-Crow in the development of the Strawn pool. However, we are concerned that the simultaneous operation of these separate properties by Gillespie-Crow presents the potential for conflict and may unduly complicate the pending proceedings before the New Mexico Oil Conservation Division. EEX believes it is in our mutual interest for Gillespie-Crow to make application for the immediate expansion of the West Lovington Strawn Unit to include the Snyder "C" No. 4 well and we accordingly request you to do so.



Please advise of your intentions by May 7, 1998. If we have not received a reply by that date, we will assume that Gillespie-Crow does not intend to act on our request. As always, we are available the discuss these matter in greater detail. We look forward to hearing from you at the earliest opportunity.

Very truly yours,

Baibhíl Ne son

c: Jim Bruce Scott Hall

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WILLIAM K. STRATVERT. COUNSEL PAUL W. ROBINSON, COUNSEL RALPH WM. RICHARDS, COUNSEL ROSS B. PERKAL, COUNSEL

918478 988. T. 84 TURB

May 22, 1998

Gillespie-Crow, Inc. c/o Charles B. Gillespie, Jr. P.O. Box 2557 Midland, TX 79702

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

Re: NMOCC Case No. 11724; Application of Gillespie-Crow, Inc. for Unit

Expansion, Lea County, New Mexico (De Novo);

Re: NMOCC Case No. 11954; Application of Hanley Petroleum, Inc. and Yates Petroleum for Unit Expansion, Lea County, New Mexico (Consolidated)

Re: NMOCC Case No. ______; Application of EEX Corporation for Unit Expansion, Statutory Unitization, and Qualification of the Expanded Unit Area for the Recovered Oil Tax Rate and Certification of a Positive Production Response Pursuant to the "New Mexico Enhanced Oil Recovery Act," Lea

County, New Mexico.

Dear Mr. Gillespie:

Please be advised that EEX Corporation has filed the enclosed Application with the New Mexico Oil Conservation Commission (NMOCC) seeking approval for the expansion of the West Lovington Strawn Unit, Lea County, New Mexico as described in the enclosed Application.

This application will be set for hearing before the Oil Conservation Commission on June 18, 1998 at the NMOCC in Santa Fe. 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









Gillespie-Crow, Inc. c/o Charles B. Gillespie, Jr. May 22, 1998 Page 2

challenging the matter at a later date.

Parties appearing in cases have been requested by the NMOCD (Memorandum 2-90) to file a Prehearing Statement substantially in the form prescribed by the Division. Prehearing statements should be filed by 4:00 p.m. on the Friday before a scheduled hearing.

Sincerely.

railee, saskarreed Latie, seemaan Pie

1. Swy-Quel

J. Scott Hall

JSH:CMB Enclosure

JAMES BRUCE ATTORNEY AT LAW

POST OFFICE BOX 1056 SANTA FE, NEW MEXICO 87504

SUITE B 612 OLD SANTA FE TRAIL SANTA FE, NEW MEXICO 87501

(505) 982-2043 (505) 982-2151 (FAX)

May 31, 1998

Via Fax and U.S. Mail

Lori Wrotenbery Oil Conservation Commission 2040 South Pacheco Street Santa Fe, New Mexico 87505

Re: Case 11724 (de novo); Application of Gillespie-Crow, Inc. for unit expansion, etc.

Case 11954; Application of Hanley Petroleum Inc., et al. for unit expansion

Case ____; Application of EEX Corporation for unit expansion

Dear Ms. Wrotenbery:

Gillespie-Crow, Inc. requests that the above cases be continued for two months. The reasons for this request are as follows:

- 1. The Gillespie Snyder C4 Well (in Lot 1 of Section 6, Township 16 South, Range 36 East) and the Hanley State 28 No. 2 Well (in the SEMNWM of Section 28, Township 15 South, Range 35 East) have recently been completed, or are currently being completed, in the Strawn formation near the unit.
- 2. Gillespie has voluntarily turned over data on its new well to interest owners in the unit, but a full review of the well's data by all interest owners, including Gillespie, has not yet occurred.
- EEX has subpoensed data from the new Hanley well.
 However, Hanley has moved to quash the subpoens.
- 4. The parties have not yet resolved the review of seismic data.



0; 31/1330 14.30 July

Due to these factors, additional time is necessary to review all well data, and to permit further discussions among the interest owners regarding unit expansion. As a result, Gillespie-Crow, Inc. respectfully requests a continuance to the August Commission hearing. Thank you for your consideration of this request.

Very truly yours,

James Bruce

'Attorney for Gillespie-Orow lic

cc: Marilyn S. Hebert (via fax)
 William F. Carr (via fax)
 J. Scott Hall (via fax)
 W. Thomas Kellahin (via fax)

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C. BRIAN CHARLTON
RUTH O. PREGENZER
JEFFREY E. JONES
JAMES R. WOOD
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DAMES R. WOOD
DAMES R. WOOD
DAMES R. HOOD
NEWTON
LEEN
JAMES B. GREEN
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WILLIAM AL STRATLERT, DOUNSEL PAUL AL ROBINSON, COUNSEL RALPH WM. RICHARDS, COUNSEL ROSS B. PERKALL COUNSEL

June 3, 1998



Lori Wrotenbery, Chairman New Mexico Oil Conservation Commission 2040 South Pacheco Santa Fe, New Mexico 87504

Hand Delivered

Re: Application of Gillespie-Crow, Inc. for Unit Expansion, Lea County, New Mexico; NMOCC Case No. 11724; Application of Hanley Petroleum, Inc. and Yates Petroleum Corporation for Unit Expansion, Lea County, New Mexico; NMOCC Case No. 11954; Application of EEX Corporation for Unit Expansion, Lea County, New Mexico; NMOCC Case No. 11987 (Consolidated); West Lovington Strawn

Unit

Dear Ms. Wrotenbery:

On behalf of EEX Corporation, we respectfully request expedited rulings on (1) the May 29, 1998 request for clarification submitted by Hanley Petroleum, Inc. and Yates Petroleum Corporation; (2) the May 29, 1998 Motion To Quash Subpoena Duces Tecum filed on behalf of Snyder Ranches, Inc.; and (3) the May 28, 1998 Motion To Quash Subpoena Duces Tecum filed on behalf of Hanley Petroleum, Inc.



As of today, each of the foregoing has been responded to and it is unlikely that further replies or briefing will do much to facilitate resolution of the issues involved. Moreover, expedited consideration is needed in order to preserve the June 17th hearing date. We believe it is in everyone's interest that a continuance of the hearing be avoided.





Ms. Lori Wrotenbery June 3, 1998 Page 2

Thank you for your consideration of this request.

Very truly yours,

MILLER, STRATVERT & TORGERSON

1. I wy dall

ce: Counsel of Record by fax

Lyn Hebert by hand-delivery

Ralph Nelson, EEX

Rick Mayer, EEX

MILLER, STRATVERT & TORGERSON, P. A. LAW OFFICES

ANNE B. MILLER
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.v.l.:ANTK. STRATVERT COUNSEL PALE A ROBINSON, COUNSEL RALPH WM. FICHARDS, COUNSEL ROSS B. PERKAL, COUNSEL

June 4, 1998

By Facsimile \$27-\$177

runge ees

Lori Wrotenbery, Director New Mexico Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87504

Re:

Application of Gillespie-Crow, Inc. for Unit Expansion, Lea County, New Mexico: NMOCC Case No. 11724; Application of Hanley Petroleum. Inc. and Yates Petroleum Corporation for Unit Expansion, Lea County. New Mexico; NMOCC Case No. 11954; Application of EEX Corporation for Unit Expansion, Lea County, New Mexico; NMOCC Case No. 11987 (Consolidated); West Lovington Strawn Unit

Dear Ms. Wrotenbery:

On behalf of EEX Corporation, we <u>strongly</u> oppose the requests for the continuance of the June 17, 1998 hearing in the above-referenced cases. In this regard, please see the attached correspondence which was sent to counsel for Hanley Petroleum, Inc. and Yates Petroleum Corporation.

Very truly yours,

MILLER, STRATVERT, TORGERSON, P.A.

J. Scott Hall, Esq. vy dall

cc by fax:

William F. Carr, Esq. W. Thos. Kellahin, Esq. James Bruce, Esq. Lyn Hebert, Esq.







OIL CONSERVATION DIVISION 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

Via Facsimile

June 3, 1998

Mr. J. Scott Hail Post Office Box 1986 Santa Fe, NM 87504-1986

Mr. W. Thomas Kellahin Post Office Box 2265 Santa Fe, NM 87504 Mr William F. Cam Post Office Box 2208 Santa Fe, NM 87504-2238

Mr. James Bruce Post Office Box 1056 Santa Fe, NM 87504



Re: Application of Gillespie-Crow, Inc., Case No. 11724 (De Novo)
Application of Hanley Petroleum, Inc. and Yates Petroleum Corp., Case No. 11954
Application of EEX Corp., Case No. 11987 - Consolidated

Gentlemen:

By letter dated May 31, 1998, Gillespie-Crow, Inc. ("Gillespie-Crow") requested that the hearing on the above-referenced consolidated case be continued from June 17, 1998, for two months. By letter dated June 4, 1998, Hanley Petroleum, Inc. and Yates Petroleum Corp. concurred in Gillespie-Crow's request for continuance. Snyder Ranches, Inc. has no objection to a continuance. EEX Corp. ("EEX") opposes the request for continuance.

The last application filed in this case, EEX's, was filed three weeks ago on May 18, 1998. The parties have several unresolved discovery issues. The consolidated case will be continued to a date to be set later.

Sincerely,

Kori Wrotenbery

Director





TELEPHONE: 915-687-1155 FAX: 915-687-1796

December 10, 1998

Mr. Charles Gillespie Fax 915:683-1491) Gillespie - Crow. Inc. P.O. Box 255 Midland, Texas 79700

Subject:

W. Levington Strawn Unit Lea County, New Mexico

Dear Mr. Gillespie:

By letter of April 30, 1998, copy of which is attached, EEX Corporation advised you of their concerns on the Gillespie Snyder "C" Well No. 4 (Lots 1 & 8 of Section 6) being included in the referenced Unit. From the results of the recent pressure tests, there is no doubt that the Snyder "C" Well No. 4 should be included in the Subject Unit. It would seem logical that the Snyder EC Com #1 (Lots 2 & 7 of Section 6) should also be included within the Unit. As operator of the above Unit some written assurance needs to be made to Energen that Gillespie will formally propose expansion of the Unit to include the above wells as soon as possible with the effective date being the first day of the month following payout of the Snyder "C" Well No. 4. If we have not received Gillespie's written assurance by 4:00 p.m. on Friday, December 11, 1998, Energen will have no choice but to pursue any and all options available to protect its interests.

As to the question of allocation, we realize this may take some time to resolve but this in itself should not be the basis for delaying the inclusion of the Snyder "C" Well No. 4 to the Unit.

We hope to receive a response from you within the time request and look forward to continuing our relationship with you on a basis fair and equitable to all parties involved.

District Landman

GIL-LOV

CC: Mark Mladenka





Gillespie-Crow, Inc.

Oil & Gas
Exploration & Production
P.O. Box 2557
Midland, TX. 79702

(915) 683-5060 Fax (915) 683-1491

December 11, 1998

Via Fax and U.S. Mail

Kenneth H. Gray Energen Resources Corporation Building 4, Suite 100 3300 North "A" Street Midland, Texas 79705

Re: West Lovington Strawn Unit

Dear Mr. Gray:

This letter is in response to your letter of December 10, 1998 to Mr. Gillespie.



Regarding paragraph two of your letter, the Snyder "C" Well No. 4 cannot be added to the unit without an agreement of the interest owners as to tract participations. Expansion is impractical, if not impossible, without that issue being resolved. The technical committee is currently working on unit-expansion issues, and this process should be allowed to follow its course.

Regarding the request in paragraph one of your letter to make the effective date of expansion the first day of the month following payout of the Snyder "C" Well No. 4, is Energen willing to consider that unit expansion be made effective back to date of payout of the Hanley Chandler Well No. 1 and the State "S" Well No. 1? Mr. Gillespie is willing to consider such a proposal.

Very truly yours,

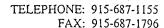
Mark Mladenka

Production Manager

allall









January 15, 1999



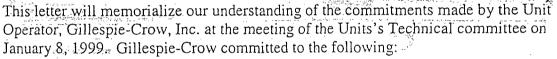
Mr. Mark Mladenka (Fax 915-683-1491) Production Manager Gillespie – Crow, Inc. P.O. Box 2557 Midland, Texas 79702

Dear Mark:

Subject:

West Lovington Strawn Unit

Lea County, New Mexico



- 1. The Unit Operator will initiate immediate steps to expand the Unit to include the acreage dedicated to the Snyder "EC" Com well and the Snyder"C" No. 4 well. In this regard, the Operator will make immediate application to the New Mexico Oil Conservation Commission to have such an application heard on the next regularly scheduled docket of the NMOCC, following appropriate notice and advertisement. The Operator will also act with all due diligence to obtain approvals for the expansion from the State Land Commissioner and BLM Authorized Officer, as well as to obtain all necessary ratifications from the Unit Participants and the owners of all affected interests.
- At the meeting, Gillespie-Crow represented that the Snyder "EC" Comhas recently reached payout and that payout for the Snyder "C" No. 4 was imminent. It was agreed that the application to the NMOCC will not be delayed until the Snyder "C" No. 4 has paid out. Rather, the application will be filed immediately in order to bring the two wells into the Unit as soon as possible.







Mr. Mark Mladenka Gillespie - Crow, Inc January 15, 1999 Page 2

- 3. The representatives of the Unit Participants at the Technical Committee meeting have constructed the new hydrocarbon pore volume (HPV) map and are in agreement that the contours and values reflected on the map are acceptable. Accordingly, in the near future, the Unit Operator will convene another meeting of the Unit's Technical Committee to establish a new allocation formula, based on the new HPV map.
- 4. The Unit Participants will be provided with all of the Operator's historic production volume and sales information for the Snyder "EC". Com and Snyder "C" No. 4, both on a participating and non-participating basis, and that this information will be utilized to bring the wells into the Unit on an equitable basis.
- 5. In addition to meetings of the Unit's Technical Meeting, the Unit Operator will convene such additional meetings of the Unit Interest Owners to effect the measures referenced above. The Unit Operator will also keep all interest owners apprised of its efforts on a regular, periodic basis.

If above does not correctly capture your understanding, it is requested that you please so advise immediately.

We thank you for your cooperation and look forward to hearing from you as progress is made.

Energen Resources Corporation

Kenneth H. Grav

District Landman KHG/dcw

GIL2-LOV

CC: Dave Cromwell (Unit Technical Committee)

> Paul Sparks Rusty Cook



NEW MEXICO LIERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

April 8, 1999

William F. Carr Campbell, Carr, Berge & Sheridan, P.A. Post Office Box 2208 Santa Fe, New Mexico 87504-2208

J. Scott Hail Miller, Stratvert & Torgerson, P.A. Post Office Box 1980 Santa Fe, New Mexico 87504-1980

Re: Application of Yates Petroleum Corporation and Hanley Petroleum Inc. for allowable reduction, and the escrow of production proceeds,

Lea County, New Mexico.

Case No. 12086

Application of Energen Resources Corporation for allowable reduction, West Lovington Strawn Unit,

Lea County, New Mexico.

Case No. ______

Gentlemen:

On October 8, 1998, Yates Petroleum Corporation and Hanley Petroleum, Inc. ("Hanley-Yates") filed their above-referenced application. On March 4, 1999, Energen Resources Corporation ("Energen") filed its above-referenced application. By letter dated March 4, 1999 Energen requested that its application be consolidated with the Hanley-Yates application. Energen also requested that the consolidated case be set for hearing before the Oil Conservation Commission.

The Hanley-Yates and Energen applications will be consolidated as Case No. 12086. However, the consolidated case will be set for hearing before an Oil Conservation Division hearing examiner.

rtende

Best regards,

Kori Wrotenbery

Director

cc: James Bruce

W. Thomas Kellahin





JAMES BRUCE ATTORNEY AT LAW

POST OFFICE BOX 1056 SANTA FE, NEW MEXICO 87504

3304 CAMINO LISA SANTA FE, NEW MEXICO 87501

(505) 982-2043 (505) 982-2151 (FAX)

April 26, 1999

Via Fax and U.S. Mail

Lori Wrotenbery Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505

Re: Case 12171; Application of Gillespie Oil, Inc. for unit

expansion, etc.

Dear Ms. Wrotenbery:

Please continue the above case for four weeks.

Very truly yours,

James Bruce

Attorney for Gillespie Oil, Inc.

cc: Counsel of record



DRAFT V

UNIT OPERATING AGREEMENT WEST LOVINGTON STRAWN UNIT LEA COUNTY, NEW MEXICO

Article 10.4. <u>Investment Adjustments.</u> Paragraph 2 (revised):

All wells completed in the Strawn formation within the Unit Area shall be Unit wells. If a well becoming a Unit well by virtue of expansion the Unit Area has not reached payout status, the owner or operator of such well shall have the option, on prior written notification to Unit Operator, to (1) receive immediate payment from the Unit sufficient to reimburse one hundred percent of the costs of drilling, completion and equipping the well ("Payout Costs" or "Payout") or (2) continue as operator of the well and recoup an amount in excess of one hundred percent of Payout Costs proportionate to the ability of the well to produce for six consecutive months as measured against the top pool allowable of 250 BOPD (the "Payout Multiple"). In no event shall the Payout Multiple exceed two hundred percent of actual Payout Costs. For the Snyder "EC" Com well [location], the Payout Multiple shall be 116 percent; For the Snyder "C" No. 4 well. [location] the Payout Multiple shall be 200 percent. The terms hereof shall be made applicable to the Beadle No. 1 well [location] and the Payout Multiple for said well determined accordingly, regardless of the actual effective date of the unit expansion.

From the effective date of unitization or expansion of the Unit Area to the time the well reaches its Payout Multiple, Unitized Substances will be apportioned and allocated to all of the Qualified Tracts in the Unit as then constituted in accordance with the terms of Section 15 A of the Unit Agreement. Provided, however, that the owner or operator of the well which has not reached its Payout Multiple shall be entitled to all of the proceeds from production attributable to such Tract(s) comprising the well's proration unit until the well has reached its Payout Multiple. At such time as the well reaches its Payout Multiple, the Unit Operator shall immediately be designated operator of such well. Each of the parties shall have the right to



audit the account for such well for any period, consistent with the terms of Article 5.2.3.

INIERTEN

TELEPHONE: 915-687-1155 FAX: 915-687-1796

June 3, 1999

Mr. Mark Mladenka Production Manager Gillespie Oil, Inc. P.O. Box 8 Midland, Texas 79702

Dear Mark:

Enclosed are the following items which have also been provided to Jim Bruce by Scott Hall.

- 1). June 3, 1999 (Draft III) letter; we understand this will probably be revised by Jim Bruce, your attorney.
- 2). Technical Committee Revised Tract Participation June 1, 1999; This is item 1(a) outlined in June 3, 1999 (Draft III). This was done per your request dividing out the A, B & C tracts where applicable.
- 3). HPV map dated February 12, 1999 as revised June 1, 1999.
- 4). Draft V being item 1(e) outline in June 3, 1999 (Draft III).

Also we like to point out to you that on your Exhibits Tracts 21 "B" & 21 "C" have been transposed. They are correct on the map but not on the Exhibits. The Beadle #1 is in Tract C with Leases from Chester A. Beadle and Estlack. A breakdown of leases and interests on Beadle #1 has been enclosed for your Landman. We look forward to getting the expansion approved and hearing from you. If anything else is needed, please advise.

Sincerely

KHG/dcw

GIL3-BEA

CC: Scott Hall



.، بالدالات تلا

June 3, 1999

DRAFT III

Mr. Mark Mladenka Production Manager Gillespie Oil, Inc. P.O. Box 8 Midland, Texas 79702 Charles B. Gillespie. Jr. P.O. Box 8 Midland, Texas 79702

Re: Side Letter Agreement
West Lovington Strawn Unit
Lea County, New Mexico

Dear Mr. Mladenka:

Pursuant to negotiations between Gillespie Oil, Inc. and Charles B. Gillespie, Jr., herein collectively called, ("Gillespie"), and Energen Resources Corporation, herein called ("Energen"), following the May 27, 1999 hearing before the New Mexico Oil Conservation Division, ("NMOCD"), in Case No. 12171, it was agreed as follows:

- 1. Gillespie and Energen will jointly submit an agreed draft order to the NMOCD with the following components:
 - (a) A revised Unit Agreement Tract Participation "Exhibit C" (Second Revision) reflecting tract participation percentages comporting to the WLSU Technical Committee recommendation for 1999 Expansion, New Tract Allocation and Well Factor (Decimal) as reflected on Technical Committee Revised Tract Participations dated June 1, 1999 (copy attached).
 - (b) Unit boundaries and allocation of hydrocarbon pore volume ("HPV") according to the WLSU Technical Committee's HPV map dated February 12, 1999, as revised June 1, 1999.
 - (c) Amendments to Section 13 of the Unit Agreement's Tract Participation formula as may be drafted by counsel for the parties and as Gillespie and Energen may agree, but inclusive of Tract 15 in any event.

Gillespie Oil, Inc. June 3, 1999 Page 2

- (d) Amendments to Section 16 of the Unit Agreement addressing Outside Substances in accordance with Gillespie Oil Company Exhibit 10 (copy attached).
- (e) Amendments to Article 10.4 to the Unit Operating Agreement (Investment Adjustments; Well Payout) in accordance with the attached copy of Draft V of the same.
- (f) A June 1, 1999 Effective Date for the Second Expansion of the WLSU.
- 2. Immediately on issuance of an Order by the NMOCD approving of the Second Expansion of the WLSU incorporating the terms of Paragraphs 1(a) through (f), above, Gillespie, as Unit Operator, will act with diligence and use its best efforts to obtain the requisite ratifications and approvals of the working interest owners, royalty and other non-cost bearing interest owners and such other governmental approvals necessary to effect the Second Expansion.
- 3. If, prior to the ratification and effect of the Second Expansion of the WLSU, production proceeds from the Snyder "EC" Com No. 1 well and/or the Snyder "C" No. 4 well exceed the respective 116% and 200% Payout Multiples for the wells, then Gillespie shall pay 100% of all proceeds attributable to the working interest into an interest bearing escrow account. At such time as the Second Expansion of the WLSU is ratified, escrowed production proceeds shall be distributed in accordance with the terms of the Unit Agreement and Unit Operating Agreement, as then amended.
- 4. Acceptance and approval of this Side Letter Agreement is effective on the signature of the parties or their representatives to this or any counterpart. Gillespie and Energen acknowledge this Side Letter Agreement is supported by adequate consideration.

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Gillespie Oil, Inc. June 3, 1999 Page 3

Please indicate your acceptance with above by signing, dating and returning one copy of this letter. Should you need to discuss this further, please advise.

Sincerely,

Kenneth H. Gray District Landman

CC: Scott Hall

A	G	R	E	E	D	•

Gillespie Oil, Inc.

Charles B. Gillespie, Jr.

By______
Its_____
Charles B. Gillespie, Jr.

Dated: June__, 1999.

Dated: June___, 1999.

ナロバニとキニキンシン エキ・キャ

Technical Committee Revised Tract Participations June 1, 1999

			Well	Calculated	2nd Expansion	Orig Unit 1-11
Tract	Acres	HPVAF	Factor	Participation	New Tr Participation %	Participation
1	320.0	892.151	4.000000	0.22419367	16.34802722%	0.198573886
2	182.4	686.251	2.000000	0.15704613	13.89486854%	0.168776208
3	200.0	325.006	1.000000	0.07513197	10.41478785%	0.126504860
4	120.0	216.406	0.000000	0.04050079	4.01700742%	0.048793213
5	182.0	689.235	1.000000	0.14329811	17.53483413%	0.212989623
6	254.5	337.000	1.000000	0.07737667	7.82958503%	0.095103287
7	40.0	163.836	0.000000	0.03066222	4.18405132%	0.050822238
8	40.0	108.409	0.500000	0.02744219	- 3.18656077%	0.038706062
9	40.0	55.910	0.500000	0.01761690	2.21611544%	0.026918395
10	40.0	58.765	0.500000	0.01815122	1.45407715%	0.017662177
11	40.0	25.106		0.01185188	1.24726091%	0.015150051
12	40.0	65.906	0.500000	0.01948767	1.94876739%	
13	40.0	79.687		0.02206681	2.20668140%	
14	80.0	23.023		0.01596518	1.59651829%	
15	80.0	73.743		0.01380114	1.38011413%	
16A	51.0	37.366		0.00935244	0.93524424%	
16B	40.0	0.170		0.00003182	0.00318158%	
17	91.0	79.698		0.02922211	2,92221146%	
18A	80.0	36.443	0.000000	0.00682038	0,68203761%	
18B	80.0	117.490	0.000000	0.02198847	2.19884747%	
19	80.0	27.143	0.000000	0.00507986	0.50798636%	
20	80.0	15.024	0.000000	0.00281177	0.28117699%	
21A	40.0	12.012	0.000000	0.00224807	0.22480684%	
21B	20.0	20.032	0.000000	0.00374903	0.37490265%	
21C	20.0	31.013	0.000000	0.00580414	0.58041413%	
22A	51.0	53.060	0.000000	0.00993028	0.99302789%	
22B	40.0	5.795	0.000000	0.00108455	0.10845452%	
23A	51.0	7.222	0.000000	0.00135161	0.13516109%	
23B	40.0	0.250	0.000000	0.00004679	0.00467880%	
24	80.0	11.831	0.000000	0.00221419	0.22141939%	
25A	40.0	0.413	0.000000	0.00007729	0.00772937%	
25B	40.0	7.555	0.000000	0.00141393	0.14139325%	
26	80.0	10.278	0.000000	0.00192355	0.19235471%	
27	40.0	1.374	0.000000	0.00025715	0.02571467%	
	2742.9	4274,603	13.979675	1.00000000	100.00000000%	1.000000000

Tr 1-11

0.823271758

DRAFT Y

UNIT OPERATING AGREEMENT WEST LOVINGTON STRAWN UNIT LEA COUNTY, NEW MEXICO

Article 10.4. <u>Investment Adjustments</u>. Paragraph 2 (revised):

All wells completed in the Strawn formation within the Unit Area shall be Unit wells. If a well becoming a Unit well by virtue of expansion of the Unit Area has not reached payout status, the owner or operator of such well shall have the option, on prior written notification to Unit Operator, to (1) receive immediate payment from the Unit sufficient to reimburse one hundred percent of the costs of drilling, completion and equipping the well ("Payout Costs" or "Payout") or (2) continue as operator of the well and recoup an amount in excess of one hundred percent of Payout Costs proportionate to the ability of the well to produce for six consecutive months as measured against the top pool allowable of 250 BOPD (the "Payout Multiple"). In no event shall the Payout Multiple exceed two hundred percent of actual Payout Costs. For the Snyder "EC" Com well [location], the Payout Multiple shall be 116 percent; For the Snyder "C" No. 4 well, [location] the Payout Multiple shall be 200 percent. The terms hereof shall be made applicable to the Beadle No. 1 well [location] and the Payout Multiple for said well determined accordingly, regardless of the actual effective date of the unit expansion.

From the effective date of unitization or expansion of the Unit Area to the time the well reaches its Payout Multiple, Unitized Substances will be apportioned and allocated to all of the Qualified Tracts in the Unit as then constituted in accordance with the terms of Section 15 A of the Unit Agreement. Provided, however, that the owner or operator of the well which has not reached its Payout Multiple shall be entitled to all of the proceeds from production attributable to such Tract(s) comprising the well's proration unit until the well has reached its Payout Multiple. At such time as the well reaches its Payout Multiple, the Unit Operator shall immediately be designated operator of such well. Each of the parties shall have the right to

audit the account for such well for any period, consistent with the terms of Article 5.2.3.

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UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE WEST LOVINGTON STRAWN UNIT LEA COUNTY, NEW MEXICO

SECTION 16. OUTSIDE SUBSTANCES.

Paragraph 2 (New):

Consistent with Article 11.1 of the Unit Operating Agreement (Basis of Charge to Working interest Owners), Unit Operator shall allocate and pay the proceeds from the production, recovery, and sale of all volumes of gas purchased or acquired and injected into the Unitized Formation for maintenance operations before the effective date of the first expansion of the Thin the "Initial Injection Tolumes" ti ika pisan<mark>ing</mark> Interest Owners in the Unit as then constituted, and according to the Unit Participations in effect at the time the costs of acquisition of the Initial Injection Volumes were incurred (per Exhibit "D" attached to the Unit Operating Agreement in effect before November 1, 1997). At such time as 100% of the Initial Injection Volumes have been produced, recovered, and sold, proceeds from the production, recovery, and sale of subsequently acquired and injected gas volumes shall be allocated and paid to the Working Interest Owners in proportion to their Unit Participations (per Exhibit "D" to the Unit Operating Agreement in effect during the pertinent time period) at the time the costs of acquisition of subsequently injected gas volumes were incurred.'

Gillegoi Oil EXHIBIT 10

MINERAL AND LEASEHOLD TAKE-OFF COVERING LAND IN LEA COUNTY, NEW MEXICO February 8, 1999 K. Bryan Reeves



T-16-S, R-36-E Section 5

Lot 3. (50.75 acres) & lot 4. (50.78 acres)

Warren M. Snyder et ux (successor in title is Snyder Ranches, Inc.) full

101.53

HBP-All depths

O&GL dated 4-29-58 1 yr., 1/4 roy. The lease also originally covered lot 6, however it was later released.

RE: Vol. 167, P. 23

LEASEHOLD:

All depths

100% WI Charles B. Gillespie, Jr. .70875 NRI (from surface to 10,708') .703125 NRI (below 10,708')

Earnestine W. Gillespie .04125 ORR (from surface to 10,708') .046875 ORR (below 10,708')

Lot 5. (40.00 acres)

Warren M. Snyder et ux Successor in title is Snyder Ranches, Inc.) full

40.00

HBP-All depths

O&GL dated 7-20-56 5 yr., 5/32 roy

lease also covers lots 1, 7 & 8 of

Section 6, no pugh. RE: Vol. 145, P. 134

LEASEHOLD:

All depths

100% WI Charles B. Gillespie, Jr. .6960937 NRI (from surface to 10,719')

.7910156 NRI (below 10,719')

Earnestine W. Gillespie 1476563 ORR (from surface to 10,719') .0527344 ORR (below 10,719')

Lot 6. (40.00 acres)

Snyder Ranches, Inc. P.O. Box 2158

full

40,00

8-13-97 (2000) 1/5

Chesapeake Operating, Inc.

P.O. Box 18496

Oklahoma City, OK 73154-1525

Note: There is a notice filed in OPR Vol. 909, P. 722, stating that there are rules and regulations for oil & gas wells and pipelines within an area around the city.

DISTRICT I 1.Q. Box 1980, Hobbs. NM 88841-1980 State of New Mexico

Energy, Minerals and Natural Benources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT || 0. Drawer DD. Artopia, NM 88211-0719

DISTRICT III OIL CONSERVATION DIVISION
1000 RIO Brason Rd., Asloc. NM 67410
P.O. Rox 2088

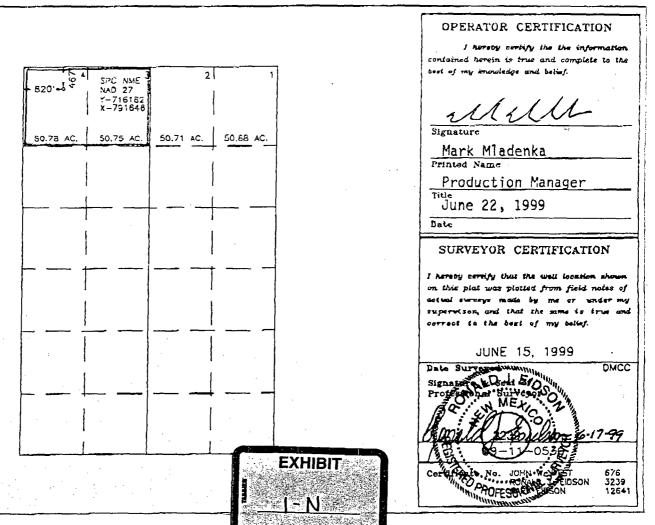
DISTRICT IV P.O. BOX 2088, SANTA FE. N.W. 87504-2088 P.O. Box 2088
Santa fe, New Mexico 87504-2088

D AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number				Pool Code					
30-02.	5-340	45	408	75	Lovi	ngton Strawn,	West		
Property 004684	Code				Well Number				
004136				CHARLE	Elevation 3944				
					Surface Loc	ation			
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	Sast/West line	County
LOT 4	5	16 5	36 E		467	NORTH	82C	WEST	LEA
			Bottom	Hole Lo	cation If Diffe	rent From Sur	face		·
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	Bast/West line	County
Dedicated Acre	s Joint o	r Infill Co	nsolidation (Code Or	der No.				
101.53									

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



District I PO Bax 1980. Hobbs, NM 88241-1980 District II 811 South First, Artesia, NM 88210

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-101
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office

ubmit to Appropriate District Office State Lease - 6 Copies

State Lease - 6 Copies Fee Lease - 5 Copies

District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Sente Fe, NM 87605

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

Santa Fe, NM 8750		AME	NDED	REPOR	₹Т

APPLICA	NOITA	FOR PI	ERMIT	TO DR	ILL, RE-EI	NTER, DE	EPE	N, PLUGE	BACK	, OR A	DD A ZONE
Charles B. G P.O. Box 8	•		1Opera	ator Name ar	ad Address					200	GRID Number 04136
Midland, Tex	as 7 970 2									•	PI Number 3-34645
4Property 0048		S	nyder "F"		_e Prope	nty Name					₀Well No. 3
					Surface	e Location		<u>.</u>			
UL or lot no.	Section 5	Township 16-S	Range 36-E	Lot idn	Feet from the 467	North/South North	1	Feet from the 820		West Line West	County Lea
	L,,	.Prop	osed E	ottom l	Hole Locat	ion If Diffe	rent	From Sun	face		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South		Feet from the		West Line	County
Lovington St	rarwn, We	•Propose est	d Pool 1			Shoebar St	rawn,		sed Pool 2	2	
11Work Typ		1	ısWell Type	Code	II.	a/Rotary		14Lease Type Coo	le	18Grauno	Level Elevation
N 18Mu			о о о о о о о о о о о о о о о о о о о	Dooth	<u></u>	R P 3944 Formation				3944 Soud Date	
No	•		1180	•		Traviz					
			₂₁ F	Propose	d Casing a	and Ceme	nt P	rogram			
Hole Siz	9	Casing	Sizo	Casing	weight/foot	Setting Depth Sacks of Cement			nent	Estimated TOC .	
17-	1/2"	1	3-3/8"		48		400			Surface 52	
	11"		8-5/8"	ļ	32		750	900		Surface	
	7/8"		5-1/2"		17	118	800	750		9500	
Proposed to	drill and	test to the	Atoka a	nd interm	ediate formati	on. Approxir	nately	400' of surfa	ce casi	na will be	productive zone.
cement circu	ulated. A e set to t	pproximat otal depth	elv 4750	' of interm	rediate casino	will be set a	nd cei	mented back program; BO	to surfa	ice casing	. Production (
					·	Permit Ex Date \	pire Inle	s 1 Year F ss Drilling	rom A Unde	lma y	
" hereby certify to best of my knowle Signature:			above is tr	ue and comp	·	OI pproved By€≀	2:44.2	ONSERVA	TION	DIVISI	NC
Printed name: N	lark Mlade	enka		0/20	7''	tle:		D REP. II		<u></u>	
	on Manag		915/68	3/1165	A	pproval Date:	55 135	n × 100q	Expiration	on Date:	

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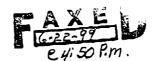


TELEPHONE: 915-687-1155 FAX: 915-687-1796

June 22, 1999

Hand Delivered (6-22-99)

Mr. Mark Mladenka Fax: 915-683-1491 Production Manager Gillespie Oil, Inc. P.O. Box 8 Midland, Texas 79702



Re: West Lovington Strawn Unit

Dear Mr. Mladenka:

Gillespie Oil, Inc. has not responded to our June 3, 1999 correspondence on the above and we have received no comments or suggestions with respect to the draft of the Side Letter Agreement. As Gillespie has not asked us to change any of the terms of the side letter agreement, I have taken the liberty of having the same finalized on our letterhead for Gillespie's approval (original enclosed).

Please let us know where Gillespie stands on this matter. Should we not hear back from you by the end of business on Thursday, June 23, 1999, we will assume that Gillespie does not intend to settle these issues in accordance with our previous discussions.

KHG/dcw

Mla-draft





TELEPHONE: 915-687-1155 FAX: 915-687-1796

June 3, 1999

Mr. Mark Mladenka Production Manager Gillespie Oil, Inc. P.O. Box 8 Midland, Texas 79702 Charles B. Gillespie, Jr. P.O. Box 8
Midland, Texas 79702

Re: Side Letter Agreement West Lovington Strawn Unit Lea County, New Mexico

Dear Mr. Mladenka:

Pursuant to negotiations between Gillespie Oil, Inc. and Charles B. Gillespie, Jr., herein collectively called, ("Gillespie"), and Energen Resources Corporation, herein called ("Energen"), following the May 27, 1999 hearing before the New Mexico Oil Conservation Division, ("NMOCD"), in Case No. 12171, it was agreed as follows:

- 1. Gillespie and Energen will jointly submit an agreed draft order to the NMOCD with the following components:
 - (a) A revised Unit Agreement Tract Participation "Exhibit C" (Second Revision) reflecting tract participation percentages comporting to the WLSU Technical Committee recommendation for 1999 Expansion, New Tract Allocation and Well Factor (Decimal) as reflected on Technical Committee Revised Tract Participations dated June 1, 1999 (copy attached).
 - (b) Unit boundaries and allocation of hydrocarbon pore volume ("HPV") according to the WLSU Technical Committee's HPV map dated February 12, 1999, as revised June 1, 1999.
 - (c) Amendments to Section 13 of the Unit Agreement's Tract Participation formula as may be drafted by counsel for the parties and as Gillespie and Energen may agree, but inclusive of Tract 15 in any event.

Gillespie Oil, Inc. June 3, 1999 Page 2

- (d) Amendments to Section 16 of the Unit Agreement addressing Outside Substances in accordance with Gillespie Oil Company Exhibit 10.
- (e) Amendments to Article 10.4 to the Unit Operating
 Agreement (Investment Adjustments; Well Payout) in
 accordance with the attached copy of Draft V of the same.
- (f) A June 1, 1999 Effective Date for the Second Expansion of the WLSU.
- 2. Immediately on issuance of an Order by the NMOCD approving of the Second Expansion of the WLSU incorporating the terms of Paragraphs 1(a) through (f), above, Gillespie, as Unit Operator, will act with diligence and use its best efforts to obtain the requisite ratifications and approvals of the working interest owners, royalty and other non-cost bearing interest owners and such other governmental approvals necessary to effect the Second Expansion.
- 3. If, prior to the ratification and effect of the Second Expansion of the WLSU, production proceeds from the Snyder "EC" Com No. 1 well and/or the Snyder "C" No. 4 well exceed the respective 116% and 200% Payout Multiples for the wells, then Gillespie shall pay 100% of all proceeds attributable to the working interest into an interest bearing escrow account. At such time as the Second Expansion of the WLSU is ratified, escrowed production proceeds shall be distributed in accordance with the terms of the Unit Agreement and Unit Operating Agreement, as then amended.
- 4. Acceptance and approval of this Side Letter Agreement is effective on the signature of the parties or their representatives to this or any counterpart. Gillespie and Energen acknowledge this Side Letter Agreement is supported by adequate consideration.

Gillespie Oil, Inc. June 3, 1999 Page 3

Please indicate your acceptance with above by signing, dating and returning one copy of this letter. Should you need to discuss this further, please advise.

Sincerely

Kenneth H. Gray District Landman

CC: Scott Hall

AGREED:

Gillespie Oil, Inc.

Charles B. Gillespie, Jr.

By_____ Its

Charles B. Gillespie, Jr.

Dated: June__, 1999.

Dated: June ____, 1999.



Technical Committee Revised Tract Participations June 1, 1999

Tract Acres HPVAF Factor Participation New Tr Participation 1 320.0 692.151 4.000000 0.22419367 16.34802722% 0.19857388 2 182.4 686.251 2.000000 0.15704613 13.89486854% 0.16877620 3 200.0 325.006 1.000000 0.07513197 10.41478785% 0.126504861 4 120.0 216.406 0.000000 0.04050079 4.01700742% 0.04879321 5 182.0 689.235 1.000000 0.14329811 17.53483413% 0.212989622 6 254.5 337.000 1.000000 0.07737667 7.82958503% 0.09610328 7 40.0 163.836 0.000000 0.02744219 3.18656077% 0.03870606 9 40.0 55.910 0.500000 0.01761590 2.21611544% 0.02691839 10 40.0 55.910 0.500000 0.01761590 2.21611544% 0.02691839 10 40.0 25.106 0.500000 0.01761590 2.21611544% 0.02691839 11 40.0 25.106 0.500000 0.01815122 1.45407715% 0.01766217 12 40.0 65.906 0.500000 0.01848767 1.94876739% 0.01515005 12 40.0 79.687 0.500000 0.0126681 1.59651829% 14 80.0 23.023 0.814762 0.01596518 1.59651829% 15 80.0 73.743 0.000000 0.02206681 2.20668140% 16 8 51.0 37.366 0.164913 0.0035244 0.93524424% 168 40.0 0.170 0.000000 0.0030182 0.00318158% 17 91.0 79.698 1.000000 0.02922211 2.92221146% 188 80.0 117.490 0.000000 0.0028477 0.28117699% 2.1884747% 19 80.0 27.143 0.000000 0.0028177 0.28117699% 2.282 1.4846738% 2.282 1.4846738% 2.282 1.4846738% 2.282 1.4846738% 2.282 1.4846738% 2.282 1.4846738% 2.282 1.4846738% 2.282 1.4846738% 2.2822 1.4846738% 2.2822 1.4846738% 2.2822 1.4846738% 2.2822 1.4846738% 2.2822 1.4846738% 2.2822 1.4846738% 2.2822 1.4846738% 2.2822 1.4846738% 2.2822 1.4846738% 2.2822 1.4846738% 2.2822 1.4846738% 2.2822 1.2						·	
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4 120.0 216.406 0.000000 0.04050079 4.01700742% 0.04879321: 5 182.0 689.235 1.000000 0.14329811 17.53483413% 0.21298962: 6 254.5 337.000 1.000000 0.07737667 7.82958503% 0.09510328: 7 40.0 163.836 0.000000 0.07376672 4.18405132% 0.05082223 8 40.0 108.409 0.500000 0.02744219 3.18656077% 0.03870606; 9 40.0 55.910 0.500000 0.01761690 2.21611544% 0.02691839! 10 40.0 58.765 0.500000 0.0185182 1.45407715% 0.01766217. 11 40.0 65.906 0.500000 0.0185188 1.24726091% 0.01515005* 12 40.0 65.906 0.500000 0.01948767 1.94876739% 0.01515005* 13 40.0 79.687 0.500000 0.01948767 1.9487639% 0.01515005* 15 80.0 73.743	2	182.4	686.251	2.000000	0.15704613	13.89486854%	0.168776208
5 182.0 689.235 1.000000 0.14329811 17.53483413% 0.21298962 6 254.5 337.000 1.000000 0.07737667 7.82958503% 0.09510328 7 40.0 163.836 0.000000 0.03066222 4.18405132% 0.05082223 8 40.0 108.409 0.500000 0.02744219 3.18656077% 0.03870606 9 40.0 55.910 0.500000 0.01761690 2.21611544% 0.026918393 10 40.0 58.765 0.500000 0.01815122 1.45407715% 0.01766217 11 40.0 25.106 0.500000 0.01185188 1.24726091% 0.0156217 12 40.0 65.906 0.500000 0.01948767 1.94876739% 13 40.0 79.687 0.500000 0.01206681 2.20668140% 14 80.0 23.023 0.814762 0.01596518 1.59651829% 15 80.0 73.743 0.000000 0.01380114 1.38011413%	3	200.0	325.006	1.000000	0.07513197	10.41478785%	0.126504860
6 254.5 337.000 1.000000 0.07737667 7.82958503% 0.09510328] 7 40.0 163.836 0.000000 0.03066222 4.18405132% 0.050822231 8 40.0 108.409 0.500000 0.02744219 3.18656077% 0.038706067 9 40.0 55.910 0.500000 0.01761690 2.21611544% 0.026918399 10 40.0 58.765 0.500000 0.01815122 1.454077157% 0.017662177 11 40.0 25.106 0.500000 0.01815122 1.454077157% 0.017662177 11 40.0 65.906 0.500000 0.0185188 1.24726091% 0.015150057 12 40.0 65.906 0.500000 0.0185188 1.24726091% 0.015150057 13 40.0 79.687 0.500000 0.02206681 2.20668140% 14 80.0 23.023 0.814762 0.01596518 1.59651829% 15 80.0 73.743 0.000000 0.01380114 1.38011413% 16A 51.0 37.366 0.164913 0.00935244 0.93524424% 16B 40.0 0.170 0.000000 0.0003182 0.00318158% 17 91.0 79.698 1.000000 0.0202211 2.92221146% 18B 80.0 17.7490 0.000000 0.0022211 2.92221146% 18B 80.0 17.490 0.000000 0.0229231 2.92221146% 18B 80.0 17.490 0.000000 0.00682038 0.68203761% 18B 80.0 17.490 0.000000 0.00682038 0.68203761% 18B 80.0 17.490 0.000000 0.00682038 0.68203761% 18B 80.0 17.490 0.000000 0.0024807 2.19884747% 19 80.0 27.143 0.000000 0.0024807 0.22480684% 2.18 20.0 20.032 0.000000 0.00224807 0.22480684% 2.18 20.0 20.032 0.000000 0.00224807 0.22480684% 2.18 20.0 20.032 0.000000 0.0035044 0.58041413% 2.2A 51.0 53.660 0.000000 0.0050798 0.58041413% 0.58041413% 2.2A 51.0 53.660 0.000000 0.00380414 0.58041413% 0.58041413% 2.2A 51.0 53.660 0.000000 0.00374903 0.37490265% 2.2B 40.0 5.795 0.000000 0.00135161 0.13516109% 2.2B 40.0 0.250 0.000000 0.00135161 0.13516109% 2.2B 40.0 0.250 0.000000 0.00004679 0.00467880% 2.2B 40.0 0.250 0.000000 0.00004679 0.00467880% 2.2B 40.0 0.413 0.000000 0.0000479 0.00467880% 2.2B 40.0 0.431 0.000000 0.00007729 0.00772937% 2.558 40.0 0.431 0.000000 0.00007729 0.00772937% 2.558 40.0 0.431 0.000000 0.000007729 0.00772937% 2.558 40.0 0.433 0.000000 0.000007729 0.00772937% 2.558 40.0 0.433 0.000000 0.000007729 0.00772937% 2.558 40.0 0.433 0.000000 0.000005571\$ 0.02571467%	4	120.0	216.406	0.000000	0.04050079	4.01700742%	0.048793213
7	5	182.0	689.235	1.000000	0.14329811	17.53483413%	0.212989623
8 40.0 108.409 0.500000 0.02744219 3.18656077% 0.038706067 9 40.0 55.910 0.500000 0.01761690 2.21611544% 0.026918399 10 40.0 58.765 0.500000 0.01815122 1.45407715% 0.01766217 11 40.0 25.106 0.500000 0.01185188 1.24726091% 0.01515005 12 40.0 65.906 0.500000 0.01948767 1.94876739% 0.01515005 13 40.0 79.687 0.500000 0.02206681 2.20668140% 14 80.0 23.023 0.814762 0.01596518 1.59651829% 15 80.0 73.743 0.000000 0.01380114 1.38011413% 16A 51.0 37.366 0.164913 0.00935244 0.93524424% 16B 40.0 0.170 0.000000 0.02922211 2.92221146% 17 91.0 79.688 1.000000 0.02932817 2.19884747% 19 80.0	6	254.5	337.000	1.000000	0.07737667	7.82958503%	0.095103287
9 40.0 55.910 0.500000 0.01761690 2.21611544% 0.026918393 10 40.0 58.765 0.500000 0.01815122 1.45407715% 0.01766217 11 40.0 25.106 0.500000 0.01185188 1.24726091% 0.01515005 12 40.0 65.906 0.500000 0.01948767 1.94876739% 13 40.0 79.687 0.500000 0.02206681 2.20668140% 14 80.0 23.023 0.814762 0.01596518 1.59651829% 15 80.0 73.743 0.000000 0.01380114 1.38011413% 16A 51.0 37.366 0.164913 0.00935244 0.93524424% 16B 40.0 0.170 0.000000 0.02922211 2.92221146% 18A 80.0 36.443 0.000000 0.02498847 2.19884747% 19 80.0 27.143 0.000000 0.0228807 0.22480684% 20 80.0 15.024 0.000000 <t< td=""><td>7</td><td>40.0</td><td>163.836</td><td>0.000000</td><td>0.03066222</td><td>4.18405132%</td><td>0.050822238</td></t<>	7	40.0	163.836	0.000000	0.03066222	4.18405132%	0.050822238
10 40.0 58.765 0.500000 0.01815122 1.45407715% 0.017662177 11 40.0 25.106 0.500000 0.01185188 1.24726091% 0.01515005 12 40.0 65.906 0.500000 0.01948767 1.94876739% 13 40.0 79.687 0.500000 0.02206681 2.2068140% 14 80.0 23.023 0.814762 0.01596518 1.59651829% 15 80.0 73.743 0.00000 0.01380114 1.38011413% 16A 51.0 37.366 0.164913 0.00935244 0.93524424% 16B 40.0 0.170 0.000000 0.003182 0.00318158% 17 91.0 79.698 1.000000 0.00682038 0.68203761% 18A 80.0 36.443 0.000000 0.02198847 2.19884747% 19 80.0 27.143 0.000000 0.00507986 0.50798636% 20 80.0 15.024 0.000000 0.00224807	8	40.0	108.409	0.500000	0.02744219	- 3.18656077%	0.038706062
10 40.0 58.765 0.500000 0.01815122 1.45407715% 0.017662177 11 40.0 25.106 0.500000 0.01185188 1.24726091% 0.01515005 12 40.0 65.906 0.500000 0.01948767 1.94876739% 13 40.0 79.687 0.500000 0.02206681 2.2068140% 14 80.0 23.023 0.814762 0.01596518 1.59651829% 15 80.0 73.743 0.00000 0.01380114 1.38011413% 16A 51.0 37.366 0.164913 0.00935244 0.93524424% 16B 40.0 0.170 0.000000 0.003182 0.00318158% 17 91.0 79.698 1.000000 0.00682038 0.68203761% 18A 80.0 36.443 0.000000 0.02198847 2.19884747% 19 80.0 27.143 0.000000 0.00507986 0.50798636% 20 80.0 15.024 0.000000 0.00224807	9	40.0	55.910	0.500000	0.01761690	2.21611544%	0.026918395
12 40.0 65.906 0.500000 0.01948767 1.94876739% 13 40.0 79.687 0.500000 0.02206681 2.20668140% 14 80.0 23.023 0.814762 0.01596518 1.59651829% 15 80.0 73.743 0.000000 0.01380114 1.38011413% 16A 51.0 37.366 0.164913 0.00935244 0.93524424% 16B 40.0 0.170 0.000000 0.00003182 0.00318158% 17 91.0 79.698 1.000000 0.02922211 2.92221146% 18A 80.0 36.443 0.000000 0.022928211 2.92221146% 18B 80.0 117.490 0.000000 0.02198847 2.19884747% 19 80.0 27.143 0.000000 0.022198847 2.19884747% 19 80.0 15.024 0.000000 0.00281177 0.28117699% 21A 40.0 12.012 0.000000 0.00224807 0.22480684% 21B 20.0 20.032 0.000000 0.00374903 0.37490265% <td>10</td> <td>40.0</td> <td>58.765</td> <td>0.500000</td> <td>0.01815122</td> <td>1.45407715%</td> <td>0.017662177</td>	10	40.0	58.765	0.500000	0.01815122	1.45407715%	0.017662177
13 40.0 79.687 0.500000 0.02206681 2.20668140% 14 80.0 23.023 0.814762 0.01596518 1.59651829% 15 80.0 73.743 0.000000 0.01380114 1.38011413% 16A 51.0 37.366 0.164913 0.00935244 0.93524424% 16B 40.0 0.170 0.000000 0.00003182 0.00318158% 17 91.0 79.698 1.000000 0.02922211 2.92221146% 18A 80.0 36.443 0.000000 0.0082038 0.68203761% 18B 80.0 117.490 0.000000 0.002198847 2.19884747% 19 80.0 27.143 0.000000 0.00281177 0.28117699% 20 80.0 15.024 0.000000 0.00281177 0.28117699% 21A 40.0 12.012 0.000000 0.00281477 0.22480684% 21B 20.0 20.032 0.000000 0.00374903 0.37490265% 2	11	40.0	25.106	0.500000	0.01185188	1.24726091%	0.015150051
14 80.0 23.023 0.814762 0.01596518 1.59651829% 15 80.0 73.743 0.000000 0.01380114 1.38011413% 16A 51.0 37.366 0.164913 0.009352444 0.93524424% 16B 40.0 0.170 0.000000 0.00003182 0.00318158% 17 91.0 79.698 1.000000 0.02922211 2.92221146% 18A 80.0 36.443 0.000000 0.0082038 0.68203761% 18B 80.0 117.490 0.000000 0.02198847 2.19884747% 19 80.0 27.143 0.000000 0.00261177 0.28117699% 20 80.0 15.024 0.000000 0.00224807 0.22480684% 21B 20.0 20.032 0.000000 0.00374903 0.37490265% 21C 20.0 31.013 0.000000 0.0039414 0.58041413% 22A 51.0 53.060 0.000000 0.0039028 0.99302789% 22	12	40.0	65.906	0.500000	0.01948767	1.94876739%	
15 80.0 73.743 0.000000 0.01380114 1.38011413% 16A 51.0 37.366 0.164913 0.00935244 0.93524424% 16B 40.0 0.170 0.000000 0.0003182 0.00318158% 17 91.0 79.698 1.000000 0.02922211 2.92221146% 18A 80.0 36.443 0.000000 0.00682038 0.68203761% 18B 80.0 117.490 0.000000 0.02198847 2.19884747% 19 80.0 27.143 0.000000 0.00507986 0.50798636% 20 80.0 15.024 0.000000 0.00224807 0.28117699% 21A 40.0 12.012 0.000000 0.00224807 0.22480684% 21B 20.0 20.032 0.000000 0.00374903 0.37490265% 21C 20.0 31.013 0.000000 0.00580414 0.58041413% 22A 51.0 53.060 0.000000 0.00939028 0.99302789%	13	40.0	79.687	0.500000	0.02206681	2.20668140%	
16A 51.0 37.366 0.164913 0.00935244 0.93524424% 16B 40.0 0.170 0.000000 0.00003182 0.00318158% 17 91.0 79.698 1.000000 0.02922211 2.92221146% 18A 80.0 36.443 0.000000 0.0682038 0.68203761% 18B 80.0 117.490 0.000000 0.02198847 2.19884747% 19 80.0 27.143 0.000000 0.00507986 0.50798636% 20 80.0 15.024 0.000000 0.00281177 0.28117699% 21A 40.0 12.012 0.000000 0.00224807 0.22480684% 21B 20.0 20.032 0.000000 0.00374903 0.37490265% 21C 20.0 31.013 0.000000 0.00580414 0.58041413% 22A 51.0 53.060 0.000000 0.00580414 0.58041413% 23A 51.0 7.222 0.000000 0.0018455 0.10845452% 2	14	80.0	23.023	0.814762	0.01596518	1.59651829%	
16B 40.0 0.170 0.000000 0.00003182 0.00318158% 17 91.0 79.698 1.000000 0.02922211 2.92221146% 18A 80.0 36.443 0.000000 0.00682038 0.68203761% 18B 80.0 117.490 0.000000 0.02198847 2.19884747% 19 80.0 27.143 0.000000 0.00507986 0.50798636% 20 80.0 15.024 0.000000 0.00281177 0.28117699% 21A 40.0 12.012 0.000000 0.00224807 0.22480684% 21B 20.0 20.032 0.000000 0.00374903 0.37490265% 21C 20.0 31.013 0.000000 0.00580414 0.58041413% 22A 51.0 53.060 0.000000 0.00993028 0.99302789% 22B 40.0 5.795 0.000000 0.0018455 0.10845452% 23A 51.0 7.222 0.000000 0.00135161 0.13516109% 2	15	80.0	73.743	0.000000	0.01380114	1.38011413%	
17 91.0 79.698 1.000000 0.02922211 2.92221146% 18A 80.0 36.443 0.000000 0.0682038 0.68203761% 18B 80.0 117.490 0.000000 0.02198847 2.19884747% 19 80.0 27.143 0.000000 0.00507986 0.50798636% 20 80.0 15.024 0.000000 0.00281177 0.28117699% 21A 40.0 12.012 0.000000 0.00224807 0.22480684% 21B 20.0 20.032 0.000000 0.00374903 0.37490265% 21C 20.0 31.013 0.000000 0.00580414 0.58041413% 22A 51.0 53.060 0.000000 0.00993028 0.99302789% 22B 40.0 5.795 0.000000 0.0018455 0.10845452% 23A 51.0 7.222 0.000000 0.00135161 0.13516109% 24 80.0 11.831 0.000000 0.00221419 0.22141939% 25	16A	51.0	37.366	0.164913	0.00935244	0.93524424%	
18A 80.0 36.443 0.000000 0.00682038 0.68203761% 18B 80.0 117.490 0.000000 0.02198847 2.19884747% 19 80.0 27.143 0.000000 0.00507986 0.50798636% 20 80.0 15.024 0.000000 0.00281177 0.28117699% 21A 40.0 12.012 0.000000 0.00224807 0.22480684% 21B 20.0 20.032 0.000000 0.00374903 0.37490265% 21C 20.0 31.013 0.000000 0.00580414 0.58041413% 22A 51.0 53.060 0.000000 0.00580414 0.58041413% 22B 40.0 5.795 0.000000 0.0018455 0.10845452% 23A 51.0 7.222 0.000000 0.00135161 0.13516109% 23B 40.0 0.250 0.000000 0.00221419 0.22141939% 25A 40.0 0.413 0.000000 0.0007729 0.00772937% 25	16B	40.0	0.170	0.000000	0.00003182	0.00318158%	
18B 80.0 117.490 0.000000 0.02198847 2.19884747% 19 80.0 27.143 0.000000 0.00507986 0.50798636% 20 80.0 15.024 0.000000 0.00281177 0.28117699% 21A 40.0 12.012 0.000000 0.00224807 0.22480684% 21B 20.0 20.032 0.000000 0.00374903 0.37490265% 21C 20.0 31.013 0.000000 0.00580414 0.58041413% 22A 51.0 53.060 0.000000 0.00993028 0.99302789% 22B 40.0 5.795 0.000000 0.0018455 0.10845452% 23A 51.0 7.222 0.000000 0.00135161 0.13516109% 23B 40.0 0.250 0.000000 0.00024679 0.00467880% 24 80.0 11.831 0.000000 0.00027419 0.22141939% 25A 40.0 7.555 0.000000 0.00141398 0.14139325% 26	17	91.0	79.698	1.000000	0.02922211	2.92221146%	
19 80.0 27.143 0.000000 0.00507986 0.50798636% 20 80.0 15.024 0.000000 0.00281177 0.28117699% 21A 40.0 12.012 0.000000 0.00224807 0.22480684% 21B 20.0 20.032 0.000000 0.00374903 0.37490265% 21C 20.0 31.013 0.000000 0.00580414 0.58041413% 22A 51.0 53.060 0.000000 0.00993028 0.99302789% 22B 40.0 5.795 0.000000 0.00108455 0.10845452% 23A 51.0 7.222 0.000000 0.00135161 0.13516109% 23B 40.0 0.250 0.000000 0.0004679 0.00467880% 24 80.0 11.831 0.000000 0.00221419 0.22141939% 25A 40.0 0.413 0.000000 0.00141398 0.14139325% 26 80.0 10.278 0.000000 0.00192355 0.19235471% 27 40.0 1.374 0.000000 0.00025715 0.02571467% </td <td>18A</td> <td>80.0</td> <td>36.443</td> <td>0.000000</td> <td>0.00682038</td> <td>0.68203761%</td> <td></td>	18A	80.0	36.443	0.000000	0.00682038	0.68203761%	
20 80.0 15.024 0.000000 0.00281177 0.28117699% 21A 40.0 12.012 0.000000 0.00224807 0.22480684% 21B 20.0 20.032 0.000000 0.00374903 0.37490265% 21C 20.0 31.013 0.000000 0.00580414 0.58041413% 22A 51.0 53.060 0.000000 0.00993028 0.99302789% 22B 40.0 5.795 0.000000 0.00108455 0.10845452% 23A 51.0 7.222 0.000000 0.00135161 0.13516109% 23B 40.0 0.250 0.000000 0.0004679 0.00467880% 24 80.0 11.831 0.000000 0.00021419 0.22141939% 25A 40.0 0.413 0.000000 0.0014139\$ 0.14139325% 26 80.0 10.278 0.000000 0.0019235\$ 0.19235471% 27 40.0 1.374 0.000000 0.0002571\$ 0.02571467%	18B	80.0	117.490	0.000000	0.02198847	2.19884747%	
21A 40.0 12.012 0.000000 0.00224807 0.22480684% 21B 20.0 20.032 0.000000 0.00374903 0.37490265% 21C 20.0 31.013 0.000000 0.00580414 0.58041413% 22A 51.0 53.060 0.000000 0.00993028 0.99302789% 22B 40.0 5.795 0.000000 0.00108455 0.10845452% 23A 51.0 7.222 0.000000 0.00135161 0.13516109% 23B 40.0 0.250 0.000000 0.0004679 0.00467880% 24 80.0 11.831 0.000000 0.00221419 0.22141939% 25A 40.0 0.413 0.000000 0.0007729 0.00772937% 25B 40.0 7.555 0.000000 0.00141393 0.14139325% 26 80.0 10.278 0.000000 0.00192356 0.19235471% 27 40.0 1.374 0.000000 0.00025715 0.02571467%	19	80.0	27.143	0.000000	0.00507986	0.50798636%	
21B 20.0 20.032 0.000000 0.00374903 0.37490265% 21C 20.0 31.013 0.000000 0.00580414 0.58041413% 22A 51.0 53.060 0.000000 0.00993028 0.99302789% 22B 40.0 5.795 0.000000 0.00108455 0.10845452% 23A 51.0 7.222 0.000000 0.00135161 0.13516109% 23B 40.0 0.250 0.000000 0.0004679 0.00467880% 24 80.0 11.831 0.000000 0.00221419 0.22141939% 25A 40.0 0.413 0.000000 0.0007729 0.00772937% 25B 40.0 7.555 0.000000 0.00141393 0.14139325% 26 80.0 10.278 0.000000 0.00192354 0.19235471% 27 40.0 1.374 0.000000 0.00025715 0.02571467%	20	80.0	15.024	0.000000	0.00281177	0.28117699%	
21C 20.0 31.013 0.000000 0.00580414 0.58041413% 22A 51.0 53.060 0.000000 0.00993028 0.99302789% 22B 40.0 5.795 0.000000 0.00108455 0.10845452% 23A 51.0 7.222 0.000000 0.00135161 0.13516109% 23B 40.0 0.250 0.000000 0.0004679 0.00467880% 24 80.0 11.831 0.000000 0.00221419 0.22141939% 25A 40.0 0.413 0.000000 0.0007729 0.00772937% 25B 40.0 7.555 0.000000 0.00141393 0.14139325% 26 80.0 10.278 0.000000 0.0019235\$ 0.19235471% 27 40.0 1.374 0.000000 0.0002571\$ 0.02571467%	. 21A	40.0	12.012	0.000000	0.00224807	0.22480684%	
22A 51.0 53.060 0.000000 0.00993028 0.99302789% 22B 40.0 5.795 0.000000 0.00108455 0.10845452% 23A 51.0 7.222 0.000000 0.00135161 0.13516109% 23B 40.0 0.250 0.000000 0.00004679 0.00467880% 24 80.0 11.831 0.000000 0.00221419 0.22141939% 25A 40.0 0.413 0.000000 0.0007729 0.00772937% 25B 40.0 7.555 0.000000 0.00141398 0.14139325% 26 80.0 10.278 0.000000 0.0019235\$ 0.19235471% 27 40.0 1.374 0.000000 0.0002571\$ 0.02571467%	21B	20.0	20.032	0.000000	0.00374903	0.37490265%	
22B 40.0 5.795 0.000000 0.00108455 0.10845452% 23A 51.0 7.222 0.000000 0.00135161 0.13516109% 23B 40.0 0.250 0.000000 0.00004679 0.00467880% 24 80.0 11.831 0.000000 0.00221419 0.22141939% 25A 40.0 0.413 0.000000 0.0007729 0.00772937% 25B 40.0 7.555 0.000000 0.00141398 0.14139325% 26 80.0 10.278 0.000000 0.0019235\$ 0.19235471% 27 40.0 1.374 0.000000 0.0002571\$ 0.02571467%	21C	20.0	31.013	0.000000	0.00580414	0.58041413%	
23A 51.0 7.222 0.000000 0.00135161 0.13516109% 23B 40.0 0.250 0.000000 0.00004679 0.00467880% 24 80.0 11.831 0.000000 0.00221419 0.22141939% 25A 40.0 0.413 0.000000 0.00007729 0.00772937% 25B 40.0 7.555 0.000000 0.00141398 0.14139325% 26 80.0 10.278 0.000000 0.0019235\$ 0.19235471% 27 40.0 1.374 0.000000 0.0002571\$ 0.02571467%	22A	51.0	53.060	0.000000	0.00993028	0.99302789%	
23B 40.0 0.250 0.000000 0.00004679 0.00467880% 24 80.0 11.831 0.000000 0.00221419 0.22141939% 25A 40.0 0.413 0.000000 0.0007729 0.00772937% 25B 40.0 7.555 0.000000 0.00141398 0.14139325% 26 80.0 10.278 0.000000 0.00192355 0.19235471% 27 40.0 1.374 0.000000 0.00025715 0.02571467%	22B	40.0	5.795	0.000000	0.00108455	0.10845452%	
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UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE WEST LOVINGTON STRAWN UNIT LEA COUNTY, NEW MEXICO

SECTION 16. OUTSIDE SUBSTANCES.

Paragraph 2 (New):

Consistent with Article 11.1 of the Unit Operating Agreement (Basis of Charge to Working interest Owners), Unit Operator shall allocate and pay the proceeds from the production, recovery, and sale of all volumes of gas purchased or acquired and injected into Unitized Formation for pressure maintenance operations before the effective date of the first expension of the Thio the ti das Vicaing "Initial Injection Tolumes" Interest Owners in the Unit constituted, and according to Unii es then ine Participations in effect at the time the costs acquisition of the Initial Injection Volumes were incurred (per Exhibit attached to the Unit Operating Agreement in effect before November 1, 1997). At such time as 100% of the Initial Injection Volumes have been produced, recovered, and sold, proceeds from the production, recovery, and sale of subsequently acquired and injected gas volumes shall be allocated and paid to the Working Interest Owners in proporcion to their Unit Participations (per Exhibit "D" to the Unit Operating Agreement in effect during the pertinent time period) at the time the costs of acquisition of subsequently injected gas volumes were incurred.'

Gillegoi Oil EXHIBIT 10

DRAFT V

UNIT OPERATING AGREEMENT WEST LOVINGTON STRAWN UNIT LEA COUNTY, NEW MEXICO

Article 10.4. <u>Investment Adjustments</u>. Paragraph 2 (revised):

All wells completed in the Strawn formation within the Unit Area shall be Unit wells. If a well becoming a Unit well by virtue of expansion of the Unit Area has not reached payout status, the owner or operator of such well shall have the option, on prior written notification to Unit Operator, to (1) receive immediate payment from the Unit sufficient to reimburse one hundred percent of the costs of drilling, completion and equipping the well ("Payout Costs" or "Payout") or (2) continue as operator of the well and recoup an amount in excess of one hundred percent of Payout Costs proportionate to the ability of the well to produce for six consecutive months as measured against the top pool allowable of 250 BOPD (the "Payout Multiple"). In no event shall the Payout Multiple exceed two hundred percent of actual Payout Costs. For the Snyder "EC" Com well [location], the Payout Multiple shall be 116 percent; For the Snyder "C" No. 4 well. [location] the Payout Multiple shall be 200 percent. The terms hereof shall be made applicable to the Beadle No. 1 well [location] and the Payout Multiple for said well determined accordingly, regardless of the actual effective date of the unit expansion.

From the effective date of unitization or expansion of the Unit Area to the time the well reaches its Payout Multiple, Unitized Substances will be apportioned and allocated to all of the Qualified Tracts in the Unit as then constituted in accordance with the terms of Section 15 A of the Unit Agreement. Provided, however, that the owner or operator of the well which has not reached its Payout Multiple shall be entitled to all of the proceeds from production attributable to such Tract(s) comprising the well's proration unit until the well has reached its Payout Multiple. At such time as the well reaches its Payout Multiple, the Unit Operator shall immediately be designated operator of such well. Each of the parties shall have the right to

audit the account for such well for any period, consistent with the terms of Article 5.2.3.

プロスプロン ニュンジン ニュ・ロイ

JAMES BRUCE

POST OFFICE BOX 1056 SAUTA PE, HEM MEXICO 87504

3304 CAMINO LIGA SANTA FE, WEN MEXICO 87502

(505) 982-2043 (505) 982-2151 (FAX)

June 22, 1999

Yis yar and U.S. Mail

J. Scott Hall Miller, Stratvert & Torgerson, P.A. P.O. Box 1986 Santa Pe, New Mexico 87504

Re: West Lovington Strawn Unit - Second Expansion

Dear Scott:

Regarding your letter to me of June 3, 1999 regarding Energen's settlement proposal: Mr Gillespie will accept the letter, with the following modifications:

*

- Energen's Beadle well will be drilled and completed as a unit well. In the event that not all working interest owners agree thereto by the time the well penetrates the Strawn, Mr. Gillespie (and other interest owners who do agree) agree to bear their proportionate share of well costs (based on unit participation), as well as share in benefits.
- 2. In the event other wells are drilled within the proposed unit boundaries before unit expansion is finalized, such wells will be treated the same as the Beadle well, including payout and farming out the well(s) to the unit.

Please call me if you have any questions.

Very truly yours.

James Bruce

cc: Gillespie Oil, Inc. (via fax)

1-P

BEFORE THE OIL CONSERVATION DIVISION

NEW MEXICO DEPARTMENT OF ENERGY AND MINERALS AM 8: 55

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISIONFOR THE PURPOSE OF CONSIDERING:

APPLICATION OF GILLESPIE OIL, INC. FOR UNIT EXPANSION, STATUTORY UNITIZATION, AND FOR THE RECOVERED OIL TAX RATE AND CERTIFICATION OF A POSITIVE PRODUCTION RESPONSE PURSUANT TO THE "NEW MEXICO ENHANCED OIL RECOVERY ACT," LEA COUNTY, NEW MEXICO.

Case No. 12171

AFFIDAVIT OF BARNEY KAHN

BARNEY KAHN, being duly sworn, states:

- 1. I am a resident of Birmingham, Alabama. I am employed by Energen Resources Corporation as a reservoir engineer. I am familiar with the West Lovington Strawn Unit and the Application filed in this proceeding by the Unit Operator, Gillespie Oil, Inc. I am the age of majority and am otherwise competent to testify to the matters set forth herein.
- 2. I appeared and rendered expert witness testimony at the hearing convened in this matter before the New Mexico Oil Conservation Division's Examiner on May 27, 1999, where my qualifications as an expert witness were accepted as a matter of record. I was present throughout the entire hearing and heard the testimony of all other witnesses and parties. In addition to that presented by Energen, testimony and evidence was



presented on behalf of the Applicant and Unit Operator, Gillespie Oil, Inc. and separately on behalf of Charles B. Gillespie, Jr.

- 3. The evidence and testimony presented by Gillespie Oil, Inc. generally supported the expanded unit boundaries, tract allocations and amendments to the participation formula provisions of the Unit Agreement agreed to and recommended by the West Lovington Strawn Technical Committee. Energen supported the Technical Committee's recommendations. However, certain aspects of the Unit Operator's Application, testimony and evidence with respect to the participation for Tracts 14 and 15 did not correspond with the Technical Committee's recommendation. I presented testimony and exhibits on behalf of Energen which, in my opinion, more correctly reflected the agreement and recommendations of the Technical Committee members. I also testified about the efforts of Energen to facilitate and expedite the unit expansion process.
- 4. Testimony was presented on behalf of Gillespie Oil, Inc. with respect to the Unit Operator's proposal to allow certain wells drilled by it in the expansion area to be brought into the unit in excess of the one hundred percent payout specified under the existing provisions of the Unit Operating Agreement. Specifically, Gillespie Oil, Inc. sought payment for the Snyder "EC" Com No. 1 well and the Snyder "C" No. 4 well at 116% and 200% of payout costs, respectively.

- 5. Additional testimony and exhibits were presented on behalf of Charles B. Gillespie, Jr., individually, rather than in his capacity as Unit Operator. Such testimony and exhibits generally proposed an expansion of the unit with boundaries and allocations of hydrocarbon pore volume that differed substantially from the West Lovington Strawn Unit Technical Committee's recommendations. Mr. Gillespie also proposed an amendment to the existing terms of the Unit Operating Agreement that would provide for wells drilled outside the existing boundaries of the Unit to be brought into the Unit at 250 % of payout costs as of the effective date of the unit expansion.
- 6. According to the testimony of the same witness testifying for both Gillespie Oil, Inc. and Charles B. Gillespie, Jr., it was not certain whether Gillespie's ratification of the expansion of the unit would be prevented by the absence of a provision allowing the owner of a well being brought into the unit to recoup more than 100% of payout costs.
- 7. In order to resolve the well payout issue, I devised a method which would allow the owner of a well located on expansion acreage which had not reached payout to either (1) receive immediate reimbursement from the Unit for 100% of payout costs, or (2) to recoup an amount in excess of 100% of payout costs under a formula establishing a "Payout Multiple" according to the well's ability to produce for six consecutive months against the top allowable for the pool of 250 BOPD. This method was drafted in the form of an amendment to Article 10.4 of the Unit Operating Agreement. The amendment also specifies that the Payout Multiple would not exceed 200% in any event, and further

provides that the Payout Multiple for the Snyder "EC" Com well and the Snyder "C" No. 4 well would be 116% and 200%, respectively. A true and exact copy of the amendment to the Unit Operating Agreement, labeled "Draft V", is attached hereto as Exhibit "A".

- 8. On May 28, 1999, the day after the hearing in this matter, I and a number of other representatives for Energen met with representatives for Gillespie Oil, Inc. and Charles B. Gillespie, Jr. in Santa Fe. The proposed "Draft V" amendment to the Unit Operating Agreement (Exhibit A) was presented to and discussed with the Gillespie representatives. Another copy of the "Draft V" amendment was subsequently provided to Gillespie Oil, Inc. on June 3, 1999, along with other materials.
- 9. On behalf of Energen Resources Corporation, it is my opinion that the proposed amendment of Article 10.4 of the Unit Operating Agreement reflected in Exhibit A resolves the well payout issue on terms that are fair, reasonable and equitable. Energen seeks the inclusion of the proposed amendment of the Unit Operating Agreement in the terms of the order to be issued by the Division in this proceeding.

FURTHER AFFIANT SAYETH NOT

BARNEY KAH

STATE OF ALABAMA)
) ss.
COUNTY OF JEFFERSON)

Subscribed and sworn to before me on this 21st day of June, 1999, by Barney Kahn.

Notary Public

My commission expires: 07/13/2001 6621/21016/Kahn Affidavit.doc

DRAFT V

UNIT OPERATING AGREEMENT WEST LOVINGTON STRAWN UNIT LEA COUNTY, NEW MEXICO

Article 10.4. <u>Investment Adjustments.</u> Paragraph 2 (revised):

All wells completed in the Strawn formation within the Unit Area shall be Unit wells. If a well becoming a Unit well by virtue of expansion of the Unit Area has not reached payout status, the owner or operator of such well shall have the option, on prior written notification to Unit Operator, to (1) receive immediate payment from the Unit sufficient to reimburse one hundred percent of the costs of drilling, completion and equipping the well ("Payout Costs" or "Payout") or (2) continue as operator of the well and recoup an amount in excess of one hundred percent of Payout Costs proportionate to the ability of the well to produce for six consecutive months as measured against the top pool allowable of 250 BOPD (the "Payout Multiple"). In no event shall the Payout Multiple exceed two hundred percent of actual Payout Costs. For the Snyder "EC" Com well [location], the Payout Multiple shall be 116 percent; For the Snyder "C" No. 4 well, [location] the Payout Multiple shall be 200 percent. The terms hereof shall be made applicable to the Beadle No. 1 well [location] and the Payout Multiple for said well determined accordingly, regardless of the actual effective date of the unit expansion.

From the effective date of unitization or expansion of the Unit Area to the time the well reaches its Payout Multiple, Unitized Substances will be apportioned and allocated to all of the Qualified Tracts in the Unit as then constituted in accordance with the terms of Section 15 A of the Unit Agreement. Provided, however, that the owner or operator of the well which has not reached its Payout Multiple shall be entitled to all of the proceeds from production attributable to such Tract(s) comprising the well's proration unit until the well has reached its Payout Multiple. At such time as the well reaches its Payout Multiple, the Unit Operator shall immediately be designated operator of such well. Each of the parties shall have the right to

audit the account for such well for any period, consistent with the terms of Article 5.2.3.

MILLER, STRATVERT & TORGERSON, P. A. LAW OFFICES

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JOEL T. NEWTON THOMAS M. DOMME RUTH O. PREGENZER JEFFREY E. JONES MANUEL I. ARRIETA ROBIN A. GOBLE IAMES R WOOD DANA M. KYLE KIRK R. ALLEN KYLE M. FINCH H. BROOK LASKEY KATHERINE W. HALL FRED SCHILLER LARA I WHITE PAULA G. MAYNES DEAN B. CROSS MICHAEL C. ROSS ANDREW M. SANCHEZ CARLA PRANDO KATHERINE N. BLACKET JENNIFER L STONE

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SANTA FE

150 WASHINGTON AVE., SUITE 300 POST OFFICE BOX 1986 SANTA FE, NM 87504-1986 TELEPHONE: (505) 989-9614 FACSIMILE: (505) 989-9857

PLEASE PEPLNITO SANTA FE

WILLIAM K. STRATVERT, COUNSEL PAUL W. ROBINSON, COUNSEL RALPH WM. RICHAPDS, COUNSEL ROSS B. PERKAL, COUNSEL JAMES J. WIDLAND, COUNSEL

June 24, 1999

BY FACSIMILE TRANSMISSION: (505) 982-2151

Mr. James Bruce Attorney at Law Post Office Box 1056 Santa Fe, New Mexico 87504

Re: NMOCD Case No. 12171; Application of Gillespie Oil, Inc. for Unit Expansion, etc., West Lovington Strawn Unit, Lea County, New Mexico

Dear Jim:

In accordance with our conversation today clarifying certain points raised in your June 22, 1999 letter, Energen proposes a final resolution of this matter as follows:

1. Energen will offer a farm-out of a term interest in Tract 21 to all unit working interest owners proportionate to their present participation under the unit as it is now comprised (1st expansion). Those working interest owners who elect to accept the farm-out interest and tender their proportionate share of well costs will be entitled to participate in the recovery of those costs under the Payout Multiple formula in the proposed Draft V amendment to the unit operating agreement. At such time as the Beadle well comes into the unit as a "unit well" in accordance with the terms of the Draft V amendment, the term farm-out interests shall automatically terminate. Energen would maintain its original working interest ownership in Tract 21 and would participate in the second expansion of the unit as originally contemplated. The farm-out would apply only to Energen's approximate 82% interest in Tract 21 as the



company is unable to include the remaining working interest owned by Arrington.

- 2. These same provisions will apply to any other well that may be drilled on the expansion acreage by Charles B. Gillespie, Jr., Gillespie Oil, Inc. or any related entity prior to ratification of the second expansion of the unit. Provided, however, that Gillespie agrees to delay commencement of a new well anywhere in the expansion area until such time as the second expansion is approved.
- 3. All other terms of the June 3, 1999 Side Letter Agreement between Gillespie and Energen are agreed to and shall apply.
- 4. Energen must receive written acceptance of these terms from Gillespie or Gillespie's counsel before 5:00 p.m. (CDT) tomorrow. Energen will immediately offer the farm-out to the other working interest owners before noon tomorrow (CDT).

Very truly yours,

1. I way-dall

J. Scott Hall

JSH/ao

cc: Ken Gray

Paul Sparks

6621/21016/bruceltr6.doc

JAMES BRUCE ATTORNEY AT LAW

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3304 CAMINO LISA SANTA FE, NEW MEXICO 87501

(505) 982-2043 (505) 982-2151 (FAX)

June 25, 1999

Via Fax

J. Scott Hall Miller, Stratvert & Torgerson, P.A. P.O. Box 1986 Santa Fe, New Mexico 87504

Re: West Lovington Strawn Unit - Second Expansion

Dear Scott:

I have a question regarding your letter to me of June 24th: What is the intent of the second paragraph? It seems that the effect would be to make any additional well a unit well, with no payout, and no farmout necessary. Or, by "such time as the second expansion is approved," do you mean only OCD approval?

Please let me know.

Very truly yours,

James Bruce



MILLER, STRATVERT & TORGERSON, P. A. LAW OFFICES

RANNE B. MILLER ALAN C. TORGERSON ALICE TOMLINSON LORENZ GREGORY W CHASE ALAN KONRAD LYMAN G SANDY STEPHEN M. WILLIAMS STEPHAN M VIDMAR ROBERT C. GUTIERREZ SETH V BINGHAM JAMES B. COLLINS TIMOTHY R BRIGGS RUDOLPH LUCERC DEBORAH A. SOLOVE GARY L. GORDON LAWRENCE R. WHITE SHARON P. GROSS VIRGINIA ANDERMAN MARTE D. LIGHTSTONE J. SCOTT HALL THOMAS R MACK TERRI L. SAUER

JOEL T. NEWTON THOMAS M. DOMME RUTH O. PREGENZER JEFEREY E JONES MANUEL I. ARRIETA ROBIN A. GOBLE JAMES R. WOOD DANA M KYLE KIRK R. ALLEN RUTH M. FUESS KYLE M. FINCH H. BROOK LASKEY KATHERINE W. HALL FRED SCHILLER LARA L. WHITE PAULA G. MAYNES DEAN B. CROSS MICHAEL C. ROSS ANDREW M. SANCHEZ CARLA PRANDO KATHERINE N. BLACKETT JENNIFER L. STONE

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SANTA FE

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PLEASE REPLY TO SANTA FE

WILLIAM K. STRATVERT, COUNSEL PAUL W. RCBINSON, COUNSEL RALPH WM. RICHARDS, COUNSEL ROSS B. PERKAL, COUNSEL JAMES J. WIDLAND, COUNSEL

June 25, 1999

Mr. James Bruce Attorney at Law Post Office Box 1056 Santa Fe, New Mexico 87504

Re: West Lovington Strawn Unit, Lea County, New Mexico

Dear Jim:

In response to your fax letter received this afternoon, I believe it is the intent of the second paragraph of my June 24th letter to have the farm-out provisions of paragraph 1 operate in a reciprocal manner. Hence, if Gillespie commences a well on the expansion acreage before the ratification process is complete, the other working interest owners will have the same opportunity to participate in the payout multiple applicable to the well, just as they would have for Energen's Beadle No. 1 well.

With respect to your second question, Energen believes it is appropriate to delay the drilling of any new wells on the expansion acreage until the unit expansion is approved by both the NMOCD and the requisite percentage of the unit participants. However, Energen recognizes that the situation may arise where it may be necessary to drill a well on the expansion acreage prior to finalization of the expansion in order to protect against drainage by a non-unit offset well. Of course, as is known by all, Energen did not have the flexibility to delay the commencement of the Beadle No. 1 well because of the May, 1999 lease expiration.



Mr. James Bruce 06/25/99 Page 2

Very truly yours,

1. Swy Lall
J. Scott Hall

JSH/ao

6621/21016/bruceltr7.doc



TELEPHONE: 915-687-1155 FAX: 915-687-1796

June 25, 1999

To Working Owners (see attached list)

Re: West Lovington Strawn Unit, Lea County, New Mexico

Gentlemen:

As you know, the 2nd expansion of the West Lovington Strawn Unit, ("WLSU"), is presently pending before the New Mexico Oil Conservation Division. As of June 24, 1999, pending the NMOCD's approval of the unit expansion, Energen Resources Corporation, ("Energen"), Gillespie Oil, Inc. and Charles B. Gillespie, Jr., ("Gillespie") have tentatively agreed on terms which would allow the owners/operators of wells drilled on expansion coreage prior to the ratification of the 2nd expansion to recoup 100% of drilling and completion costs, or more, according to a "Payout Multiple" formula. The Payout Multiple formula is set forth in the enclosure herewith ("Draft V"). It is anticipated that the terms of the WLSU Unit Operating Agreement will be amended to incorporate the terms of the Draft V Payout Multiple formula.

As you know, Energen is presently drilling its Beadle No. 1 well on that acreage identified as Tract 2! (W/2 SW/4 Section 35, T-15-S, R-35-E) in the unit expansion area. As part of the terms of the tentative agreement with Gillespie, Energen is offering a farm-out of a term interest on Tract 21 in proportion to each of the working interest owners ownership in the unit as presently constituted pursuant to the 1" expansion of the unit. Under the farm-out, each working interest owner may elect to tender to Energen its proportionate share of drilling and completion costs for the Beadle No. 1. In exchange, the working interest owner will be entitled to participate in the recovery of its proportionate share of the drilling and completion costs under the Payout Multiple formula in accordance with the proposed amendment to the Unit Operating Agreement. At such time as the Beadle well is brought into the WLSU as a "unit well" in accordance with the terms of the Draft V amendment, the term farm-out interests will automatically terminate. Energen would maintain its original working interest ownership in Tract 21 and would participate in the 2nd expansion of the unit in accordance with the WLSU Technical Committee recommendations. The farm-out would be derived solely from Energen's ownership in Tract 21 of approximately 82%.

In order to meet the terms of the June 24, 1999 agreement between Gillespie and Energen, the farm-out must be offered to and accepted by you before 5:00 p.m. (CDT) today. You would also agree not to commence a new well anywhere in the expansion area until such time as the second expansion is approved. This farm-out offer is also contingent on Gillespie's acceptance of the June 3, 1999 Side Letter Agreement with Energen (copy enclosed). We regret circumstances did not allow us to provide more time for your review of this proposal.

An original AFE is enclosed for your review and approval. Please communicate your acceptance to the undersigned before 5:00 p.m. today. Because of the short time involved, your verbal communication will be accepted subject to receipt of a written confirmation and AFE in a timely manner. The operating agreement presently in existence between Energen and its partners will be provided to you upon your acceptance. Please call should you have any questions or concerns.

bistrict Landman

KHG/dcw . PARMOUT-WLS





June 3, 1999

Mr. Mark Mladenka Production Manager Gillespie Oil, Inc. P.O. Box 8 Midland, Texas 79702 Charles B. Gillespie, Jr. P.O. Box 8 Midland, Texas 79702

Re: Side Letter Agreement

West Lovington Strawn Unit Lea County, New Mexico

Dear Mr. Mladenka:

Pursuant to negotiations between Gillespie Oil, Inc. and Charles B. Gillespie, Jr., herein collectivelly called, ("Gillespie"), and Energen Resources Corporation, herein called ("Energen"), following the May 27, 1999 hearing before the New Mexico Oil Conservation Division, ("NMOCD"), in Case No. 12171, it was agreed as follows:

- 1. Gillespie and Energen will jointly submit an agreed draft order to the NMOCD with the following components:
 - (a) A revised Unit Agreement Tract Participation "Exhibit C" (Second Revision) reflecting tract participation percentages comporting to the WLSU Technical Committee recommendation for 1999 Expansion, New Tract Allocation and Well Factor (Decimal) as reflected on Technical Committee Revised Tract Participations dated June 1, 1999 (copy attached).
 - (b) Unit boundaries and allocation of hydrocarbon pore volume ("HPV") according to the WLSU Technical Committee's HPV map dated February 12, 1999, as revised June 1, 1999.
 - (c) Amendments to Section 13 of the Unit Agreement's Tract
 Participation formula as may be drafted by counsel for the
 parties and as Gillespie and Energen may agree, but
 inclusive of Tract 15 in any event.

Gillespie Oil, Inc. June 3, 1999 Page 3

Please indicate your acceptance with above by signing, dating and returning one copy of this letter. Should you need to discuss this further, please advise.

Sincerely.

Neimicus III dieg

CC: Scott Hall

AGREED:

Gillespie Oil, Inc.

By_____

Dated: June__, 1999.

Charles B. Gillespie, Jr.

By _____ Charles B. Gillespie, Jr.

Dated: June ___, 1999.

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O3 Production 5 1/2	In. 11800 Ft.	5.50 \$/F1.		S -	\$	64,900		\$	64,90
	in. 5000 Ft.			s 50,000				S	50,000
O5 Second Inter, o		0.00 \$/F1.		<u>s</u> -	S	<u> </u>		<u> </u>	
O6 Prod. Liner <u>c</u> C7 Tieback String c	in. <u>o</u> Ft.	0.00 \$/FL		S -				<u>\$</u>	<u> </u>
	in. 11800 Ft.			<u>s</u> -	S	52.200		5	52,200
		0.00 S/Ft.		š -	S			S	
TO EQUIPMENT									-,
11 Wellhead & Accessories		_		3 12,000		12,000	<u> </u>	\$	24,000
12 Tbg & Csg Acc., Production	Packer			\$ 3,500	ક	5.000		≤	8,500
13 Production Equip./Miss 14 Tank Battery, Flowlines & Fil	11!	1		<u> </u>		5.500		<u></u>	5.500
•	llings TOTAL TANGIE	: 31 = S	كالماشات	S - S 71,500 .		47,500 187,100		-	47 500
NTANGIBLES		· /		<u> </u>				<u>-</u>	258,500
20 DRILLING COST	*,:	[i		; ;		
21 Footage 11800		16 S/F1.		S 188,800 .				\$	188,800
	Days	_5000 \$/Day		\$ 15,000	\$			\$	15,000
23 Compl. Rig	Hrs.	115 \$/Hr.		\$ - 5 -	<u> </u>	13,800		<u> </u>	13,800
24 Service Unit 25 Rental Tools, Services, Chok	es Elc	}		3,000		10,000		\$	_13,000
26 Rig Moving Cost		-		5	<u> </u>	-		- 5	13,000
27 Other		ř		1,000	\$	8,000		\$	9,000
30 CEMENTING (INCL. FLOAT EQL	JIP., ETC.)]						_	
31 Surface		-		4,000 12,000	<u>\$</u>			<u>\$</u> _	4,000
32 Intermediate 33 Production		}-		\$ 12,000	3			<u>s</u>	12,000 17,500
34 Production Liners		F		· · · · · · · · · · · · · · · · · · ·	- S	- 17,500		<u>s</u>	17,500
55 Tieback String		j.		-	\$			s	-
36 Squcaze Cement (incl. Ret. &	Pkr.)			}_ ·	\$	-		\$	
37 Other				·	S			\$	
		. [•					
40 FORMATION TREATMENT				•		45.000		•	45.000
41 Acidizing 42 Fracturing Equipment & Mate	el-alm	}-			\$	15,000		<u> </u>	15,000
43 Frac Fluid&_&		<u>}</u>	9		- s			<u> </u>	
44 Tank Rental & Hauling		<u> </u>			s	3,000		Š	3.000
	•								¥.,
50 SPECIAL SERVICES		1					1		'
51 Perforationg (set BP & Pkrs.,	W/L)	<u> </u>		2 5 2 2	<u> </u>	10,000		<u>\$</u> _	10,000
52 Mud Logging/Geologist	aren .	, <u> </u> -	<u>s</u>	6,500 12,000	- \$		 	<u> </u>	6.500 12,000
53 Formation Logging/Sidewall C 54 DST/Sidewall Core Analysis	0163	 -	s		\$			<u>\$</u>	5,000
55 Orilling Logs (CSL, Tracer, Ins	pection, W/L)	-	S		5	*		5	- 5,000
56 Packer & Reir, SP	•		S		S	3,000		S	3.000
57 Whipstocking & Sidetracking			\$		<u> </u>	-		S	-
58 Compressors	*	.	\$		<u> </u>	<u> </u>		\$	
O DRILLING FLUIDS	•	. 1			1		1		- '
61 Mud & Chemicals		ľ	5	20,000	s	·-	İ	\$	20,000
62 Water & Brine			\$	15,000	S	5,000		S	20,000
63 Other (Gas & Air)			\$	-	s	i.e		\$	
O MATERIALS & SERVICES- OTHE	R .								
71 Bits & Reamers		· }	<u>\$</u>		\$	1,500	<u>-</u>	<u> </u>	1,500
72 Fuel 73 Hauling	•	· }_	<u> </u>	2,000	\$	5,000		. \$	- 7:000
74 Tubular Inspection: VCI, Sand	blast, Roughcos	LEG.	<u></u>	2,500	\$	4,500		· \$	7,000
75 Testing (Manifolds, BOP, Thg.			Š	2,300	\$,500		<u> </u>	
76 Misc Csp Exp: Csg Crew. PU/L	.Ď, Protecters, E		5	1.000	5	.5,500 . ,		<u> </u>	6,500
78 Equip Rental: BOP, Racks, Ma			5	5.000	<u> </u>	5,000 7,000			10.000
7th Miner Elea Conell, Ifension, An LOCATION, ACCESS, LINERS & C	eners, Welsing, CLEANUP	Leuer	<u></u>	3,000 15,000		7.000 3.500			18,500
81 Safety/Environmental		<u> </u>	- · · · · · · · · · · · · · · · · · · ·	3,000	\$	3,000		· \$	6,000
SUPERVISION & LEGAL, ETC.		 -	S	18,000	\$	6,000		<u> </u>	24.000
	OTAL INTANGIE		\$	331,800		26,300		, .s.	458.100
Plus		illagency	\$	20,165	S	15,670		\$	35,835
					1				750 555
	TOTA	LCOST	2.	423,465	5 3	29,070			752,535
			lo-	rtner's Approva					
TA' 3/30/00			ıra	LUCLS ADDIOVA	11.				
ate: 3/30/99 epared By:		······································		mpany Name:				<u> </u>	

			Γ	Well	Calculated	2nd Expansion	Orig Unit 1-11
	Tract	Acres	HPVAF	Factor	Participation	New Tr Participation %	Participation
	1	320.0	892.151	4.000000	0.22419367	16.34802722%	0.198573886
	2	182.4	686.251	2.000000	0.15704613	13.89486854%	0.168776208
上	3	200.0	325.006	1.000000	0.07513197	10.41478785%	0.126504860
	4	120,0	216.406	0.000000	0.04050079	. 4.01700742%	0.048793213
-	5	182.0	689.235	1.000000	0.14329811	17.53483413%	0.212989623
\vdash	6	254.5	337.000	1.000000	0.07737667	7,82958503%	0.095103287
\vdash	7	40.0	163,836	0.000000	0.03066222	4.18405132%	0.050822238
<u> </u>	8	40.0	108.409	0.500000	0.02744219	3.18656077%	0.038706062
	ş	40.0	55,910	0.500000	0.01761690	2.21611544%	0.026918395
	10	40.0	58.765	0.500000	0.01815122	1.45407715%	0.017662177
	11	40.0	25.106	0.500000	0.01185188	1.24726091%	0.015150051
	12	40.0	65.906	0.500000	0.01948767	1.94876739%	
	13	40.0	79.687	0.500000	0.02206681	2.20668140%	
	14	80.0	23.023	0.814762	0.01596518	1.59651829%	
	15	80.0	73.743	0.000000	0.01380114	1.38011413%	
F	16A	51.0	37.366	0.164913	0.00935244	0.93524424%	
Г	16B	40.0	0.170	0.000000	0.00003182	0.00318158%	
	17	91.0	79.698	1.000000	0.02922211	2.92221146%	
	18A	80.0	36.443	0.000000	0.00682038	0.68203761%	
	18B	80.0	117.490	0.000000	0.02198847	2.19884747%	
	19	80.0	27.143	0.000000	0.00507986	0.50798636%	
	20	80.0	15.024	0.000000	0.00281177	0.28117699%	
	21A	40.0	12.012	0.000000	0.00224807	0.22480684%	
	21B	20.0	20.032	0.000000	0.00374903	0.37490265%	
	21C	20.0	31.013	0.000000	0.00580414	0.58041413%	
	22A	51.0	53.060	0.000000	0.00993028	0.99302789%	
	22B	40.0	5.795	0.000000	0.00108455	0.10845452%	
	23A	51.0	7.222	0.000000	0.00135161	0.13516109%	<u> </u>
	23B	40.0	0.250	0.000000	0.00004679	0.00467880%	
	24	80.0	11.831	0.000000	0.00221419	0.22141939%	
	25A	40.0	0.413	0.000000	0.00007729	0.00772937%	·
	258	40.0	7 <i>.</i> 555	0.000000	0.00141393	0.14139325%	
1	26	0.08	10.278	0.000000	0.00192355	0.19235471%	
_	27	40.0	1.374	0.000000	0.00025715	0.02571467%	
		2742.9	4274.603	13.979675	1.000000000	100,0000000%	1.000000000

Tr 1-11 0.823271758

UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE WEST LOVINGTON STRAWN UNIT LEA COUNTY, NEW MEXICO

SECTION 16. OUTSIDE SUBSTANCES.

Paragraph 2 (New):

Consistent with Article 11.1 of the Unit Operating Agreement (Basis of Charge to Working interest Owners), Unit Operator shall allocate and pay the proceeds from the production, recovery, and sale of all volumes of gas purchased or acquired and injected into pressure Unitized Formation for maintenance operations beicts the effective date of the first expansion of the Thir the "Initial Injection Volumes" Interest Owners in the Umit constituted, and according 30 the Participations in effect at the time the costs of acquisition of the Initial Injection Volumes were incurred (per Exhibit attached to the Unit Operating Agreement in effect before November 1, 1997). At such time as 100% of the Initial Injection Volumes have been produced, recovered, and sold, proceeds from the production, recovery, and sale of subsequently acquired and injected gas volumes shall be allocated and paid to the Working Incerest Owners in proportion to their Unit Participations (per Exhibit "D" to the Unit Operating Agreement in effect during the pertinent time period) at the time the costs of acquisition of subsequently injected gas volumes were incurred.'

Gillegui Oil EXHITIT 10

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UNIT OPERATING AGREEMENT WEST LOVINGTON STRAWN UNIT LEA COUNTY, NEW MEXICO

Article 10.4. <u>Investment Adjustments</u>. Paragraph 2 (revised):

All wells completed in the Strawn formation within the Unit Area shall be Unit wells. If a well becoming a Unit well by virtue of expansion of the Unit Area has not reached payout status, the owner or operator of such well shall have the option, on prior written notification to Unit Operator, to (1) receive immediate payment from the Unit sufficient to reimburse one hundred percent of the costs of drilling, completion and equipping the well ("Payout Costs" or "Payout") or (2) continue as operator of the well and recoup an amount in excess of one hundred percent of Payout Costs proportionate to the ability of the well to produce for six consecutive months as measured against the top pool allowable of 250 BOPD (the "Payout Multiple"). In no event shall the Payout Multiple exceed two hundred percent of actual Payout Costs. For the Snyder "EC" Com well [location], the Payout Multiple shall be 116 percent; For the Snyder "C" No. 4 well, [location] the Payout Multiple shall be 200 percent. The terms hereof shall be made applicable to the Beadle No. 1 well [location] and the Payout Multiple for said well determined accordingly, regardless of the actual effective date of the unit expansion.

From the effective date of unitization or expansion of the Unit Area to the time the well reaches its Payout Multiple, Unitized Substances will be apportioned and allocated to all of the Qualified Tracts in the Unit as then constituted in accordance with the terms of Section 15 A of the Unit Agreement. Provided, however, that the owner or operator of the well which has not reached its Payout Multiple shall be entitled to all of the proceeds from production attributable to such Tract(s) comprising the well's proration unit until the well has reached its Payout Multiple. At such time as the well reaches its Payout Multiple, the Unit Operator shall immediately be designated operator of such well. Each of the parties shall have the right to

JUN 03 '59 03:16PM

audit the account for such well for any period, consistent with the terms of Article 5.2.3.

JAMES BRUCE ATTORNEY AT LAW

POST OFFICE BOX 1056 SANTA FE, NEW MEXICO 87504

3304 CAMINO LISA SANTA FE, NEW MEXICO 87501

(505) 982-2043 (505) 982-2151 (FAX)

June 25, 1999

Via Pax

J. Scott Hall Miller, Stratvert & Torgerson, P.A. P.O. Box 1986 Santa Fe, New Mexico 87504

Re: West Lovington Strawn Unit - Second Expansion

Dear Scott:

Mr. Gillespie rejects Energen's proposal set forth in your letter of June 24th.

Please call me.

Very truly yours,

James Bruce

