

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2040 S. Pacheco St.

Form C-101

Revised February 10, 1994

Instructions on back

PPLICATION	FOR PE	RMIT TO I		Santa F	e, NM 975	04			•									
Sh	FOR PE	RMIT TO I					Santa Fe, NM 97504 State Lease - 6 C Submit to Appropriate District (Santa Fe, NM 97504 State Lease - 6 C											
PPLICATION Sh	FOR PE	RMIT TO I																
PPLICATION	FOR PE	RMIT TO I																
		RMIT TO						AMEN	DED REPORT									
	,		ORILL, R	E-ENTER	₹, DEEPEN	I, PLUGBAC	K OR ADD	A ZONE										
	- h O:		1. Operator Nerr	ne and Address				2. OGRID	Number									
20	ianara Ui	I, LLC						1431	19									
	7 W. Mcł	(ay						3. APIN										
Ca	risbad, N	MM 88220						30-025-	3409D									
4. Property Co	ode				5. Property	Name			6. Wed No.									
16770)	: <u>:</u>		Phillips	State				9									
		, -		·														
UL or lot no.	Section	Township	Renge	Lat ldm.	Feet From the	North/South Line	Feet From the	East/West Line	County									
F	16	175	33E		1335	North	1335	West	Lea									
				Datter a Links														
10				T		rent From Surface		Ţ <u></u>										
Ut, or let no.	Section	Township	Range	Lot ldm.	Feet From the	North/South Line	Feet From the	East/West Line	County									
		9. Proposed Pr		<u> </u>			10.00		<u> </u>									
2.0	aliamar (T00			ти. Ртор	osed Pool 2										
reta	aijainar	Grayburg :	Jan Anu	169														
11, Work Type	Code	12. Well 1	Type Code	13. C	able/Rotary	14, Lease 1	Type Code	15. Ground Le	vel Elevation									
N			5		R S			4193'										
16. Multiple	le	17. Propo	seed Depth	18.	Formetion	19. Contractor		20. Spu										
No		48	50'	San	Andres	L&ME	Drillina	September 1, 199										
			21.	Proposed Car	sing and Cemen													
Hole Size	Casing Size	Casing w	reight/foot	Sett	ing Depth	Sacks of	Coment	Estimate	d TOC									
12 1/4"	8 5/8"	24#		500	<u>'</u>	300	<u> </u>	Circulate										
7 7/8"	5 1/2"	17#	:	485	0'	970)	Circ 100' at	ove 8 5/8"									
								casing sho	e									
							···											
		 		 				+										

Permit Expires 1 Year From Approval

Date Unless Drilling Underway

DISTRICT I SUPERVISOR AUG 08 1997 President Phone: (505) 885-5433 07/07/97

DISTRICT I P.O. Box 1980, Mobbs, PM 88341-1980

State of New Mexico

Energy, Minerals and Matural Resources Department

Form C-102 Revised February 10, 1994 Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT II P.O. Drawer DB. Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

AMENDED REPORT

DISTRICT IV P.O. Box 2006, Santa Fe, 104 87504-2068

1000 Rio Brazos Ed., Axteo, NM 57410

WELL LOCATION AND ACREAGE DEDICATION PLAT

	Number Pool Code Pool Name						Pool Name						
30-025	025-34080 43329 Maljamar Grayburg San Andres					Andres							
Property (Property Name Well Number							
16770	770 Phillips State XXMX 9												
143119	OGRED No. 143119 SHAHARA OIL SORFICIANISM, LLC 4193												
					Surface Lo	cation							
UL or lot No.	Section	Township	Range	Lot Ida	Peet from the	North/South line	Feet from the	East/West line	County				
F	16	17 S	33 E		1335	NORTH	1335	WEST	LEA				
			Bottom	Hole Loc	ation If Diff	erent From Sur	face						
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County				
Dedicated Acre	Joint o	r infill Co	nsolidation	Code Or	der No.								

	DARD UNIT HAS BEEN APPROVED BY THE DIVISION	
	OPERATO	R CERTIFICATION
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133	1	is true and complete to the ledge and belief.
		$\alpha \cdot (\alpha)$
4194.4' 4191.6'	I I I I I I I I I I I I I I I I I I I	4 L/ Jugles
1335	Signature	J
4194.1" 4191.0"	Perry Printed Nam	Hughes
	Presid	ent
1.	Title 0.7 (0.7.	07
Ì	07/07/	97
ļ	SIRVEYO	OR CERTIFICATION
	1 11 * **	that the well location shown or pictical from field notes of
į	actual surveyor supervisors or	made by me or undermy
	cerrect to th	e best of my belief.
	! JUNE	23, 1997
	Date Survey	JLP
	Professional	Suitemo
		97802 N
1	Banille	1230 VA M 16-25-97
	/ Ba. No	m. 97-11 2003
1	Con derivation.	
	- wilding	OFE SAN S. EIDSON. 12641

DISTRICT I P.O. Ber 1980, Hobbs, NK 88341-1960

State of New Mexico

Energy, Minerale and Natural Resources Department

Form C-102
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Submit to Appropriate District Office
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DISTRICT II P.O. Drewer DD. Artenia, NM 88211-0719

DISTRICT IV

DISTRICT III 1000 Rio Brasce Rd., Astec, NM 57410

P.O. Box 2088, Santa Fe, NM 87504-2068

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

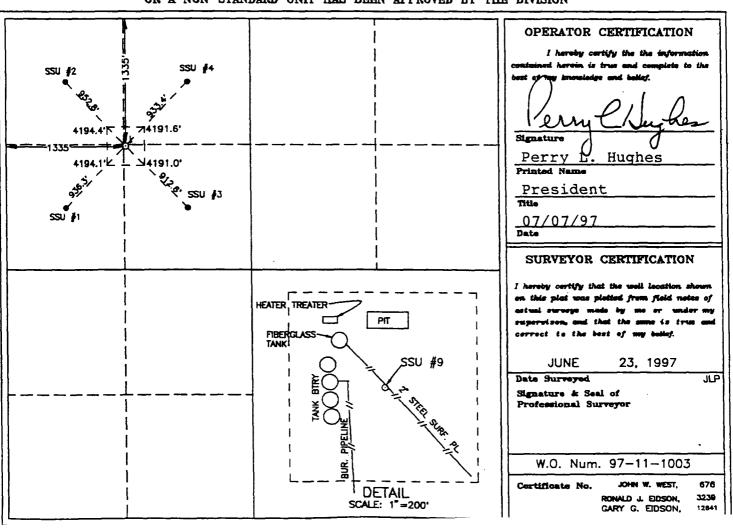
API Number	Pool Code		
	43329	ndres	
Property Code		Property Name	Vell Number
16770	Phillips State	15.81.0 1X	9
OGRID No.		Operator Name	Elevation
143119	SHAHAR	RA OIL COMPORATION , LLC	4193

Surface Location

	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	Bast/West line	County	l
-	F	16	17 S	33 E		1335	NORTH	1335	WEST	LEA	

Bottom Hole Location If Different From Surface

UL or let No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acre	Joint o	r Infili Co	nsolidation (Code Or	der No.				



811 S. First St., Artesia, NM 88210

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-101

Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

OIL CONSERVATION DIVISION 2040 S. Pacheco St.

Oistrict III				Santa F	e, NM 975	04		State Le	ase - 6 Copies
1000 Ris Brazos Rd., A	ziec, NM 87410							Fee La	ese - 5 Copies
District IV									
2040 S. Pacheco St., S.	enta Fe. NM 87504							AMEN	DED REPORT
APPLICATION	ON FOR PE	RMIT TO	DRILL, RI	E-ENTER	R, DEEPEN	I, PLUGBAC	K OR ADD	A ZONE	
	. * *		1. Operator Nam	ne and Address				2. OGRID	Number
1	Shahara O	ii, LLC						1431	19
	207 W. Mc	(ay						3. APIN	umber
	Carlsbad, I	MM 88220						30.02	5.34091
4. Ртор	erty Code				5. Property	Name			6. Well No.
16	770	<u> </u>		Phillips	State				10
				7. Şu	rface Location				
UIL or lot no.	Section	Township	Range	Lot idin.	Feet From the	North/South Line	Feet From the	East/West Line	County
F	16	175	33E	İ	2625	North	1335	West	Lea
			8. Proposed	Bottom Hole	Location If Diffe	rent From Surface		T	·
UL or lot no.	Section	Township	Range	Lot idin.	Feet From the	North/South Line	Feet From the	EastWest Line	County
	<u> </u>	<u> </u>	<u> </u>	<u> </u>				<u> </u>	
		9. Proposed P	ool 1				10. Prop	osed Pool 2	
L	Maljamar (Grayburg	San Andı	res					
11. Wort	Type Code	12. Well	Type Code	13. C	ableRotary	14. Lesse 1	Tyme Code	15. Ground La	and Shareline
•	N)		R	S	••	419	
	Multiple	 	seed Depth	ļ	Formation	19. Con		20. See	
1	No.	1	50'		Andres	1			
<u>_</u>	40	40			sing and Cemen	L&ME	rming .	Septembe	r 1, 1997
Hote Size	Casing Size	Casing	reight/foot		ting Depth	Sacts of	Camera	Estimute	<u>-</u>
12 1/4"	8 5/8"	24#		500		300		Circulate	1100
7 7/8"	5 1/2"	17#		485	·	970		Circ 100' ab	9 E/9#
1 1/0	3 1/2	1/11	<u> </u>	400	<u> </u>	970			
	 	 		 		 		casing sho	e
	<u> </u>	 		 		 -		<u> </u>	
	<u> </u>	<u> </u>		1		<u> </u>		<u> </u>	
22. Describe the prop	could program. If this op	plication is to DEEP	EN of PLUG BACI	K, give the data o	n the present product	we zone and proposed n	sw productive zone.	Describe the blowout	
prevention program, if	any. Use additional she	ets if necessary.							
	It is propos	ed to drill t	he above	caption	ed well to a	total depth of	of 4850' wit	th rotary tools	3.
	If commerc	ial produc	tion is ind	icated. th	ne well will	be perforated	d and stime	ulated as	
	necessary	F		,		po			
ļ	(ICCCSSCITY								
1	DI O. 4 D	٠	4011 0	000 T	"E" CL.	affa a l le calma col	·- DOD		
	Blow Out F	revention:	10 Sene	98 900 I	ype = Sna	affer Hydraul	IC BOP		
						OIL CONG	EDVATIO	NI DITACION	
23. I hereby certify if imoutedge and before.	at the ildormation given	above is true and co	mplete to the best	of my	 			N DIVISION BY CHRIS WIL SUPERVISOR	LIAMS
\			12.		Approved by:	ORIGINAL	SIGNED	UPERVISOR	,
Signature:	Jun ?	-/ M	gres		Title:	DI	PINICI		
Printed Name:	Perry L. Hu	ighes (<i></i>		Approved Date:	AUG 08	1997	Expiration Date:	
Title:	President				Conditions of Apr				
Date:	07/07/97	Phone:	505-885	-5433	Attached:				
1		1							

Permit Expires 1 Year From Approval Date Unless Drilling Underway

DISTRICT I 3.0. Bug 1900, Enbbs, NM 86541-1960

State of New Mexico

Energy, Minerale and Natural Resources Department

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DISTRICT II P.O. Brown ED, Artesia, NIK 86211-0719

DISTRICT III

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

AMENDED REPORT

DISTRICT IV P.O. Best 2008, Senta Fe, NE 87504-2086

1000 Elo Brazos Ed., Axtec, NM 57410

(). Bast 2000, Santi	. Fe, NE 570		WELL LOC	CATION	AND ACREA	GE DEDICATION	ON PLAT		
API	Number		,	ool Code	TEVE HORIZE		Pool Name		
30-025	-340	991	43329		Ma	ljamar Gray	burg San	Andres	
Property (16770			illips S	State	Property Nam	i.e		Well Num	ber
143119	-			SHAH	Operator Name		LLC	#191	<u> </u>
					Surface Loca	ation			
TL or lot No.	Section 16	Township 17 S	Bange 33 E	Lot Idn	Peet from the 2625	North/South line NORTH	Peet from the 1335	Rest/West line WEST	County
			Bottom	Hole Lo	cation If Diffe	erent From Sur	face		<u> </u>
JL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acre	Joint	or Infill C	onsolidation C	ode Or	der No.	1	<u> </u>	<u> </u>	1 _
NO ALL	OWABLE					UNTIL ALL INTER APPROVED BY		EEN CONSOLID	ATED
							I here	OR CERTIFICA	Vormation

	OPERATOR CERTIFICATION
	I hereby certify the the information contained hervin is true and complete to the
	best of the innestedpe and belief.
	1 (/2) P/10
L	Signature
	Perry 1. Hughes
	Printed Name President
	Title
	07/07/97 Date
4193.1' 4190.8'	SURVEYOR CERTIFICATION
4191.8' 4189.7'	I hereby certify that the well lacation shown
4131.5	on this plat was plotted from field notes of actual surveys made by one or under my
	supervises, and that the same is true and correct to the best of my belief.
	JUNE 23, 1997
L	Dete Surgestimming JLP Signature Sur 500
!	Protectional Surveyor
	Konchilon
i	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
!	Continued No. private sest, 676
	PROFESSION 3236

DISTRICT I P.O. Box 1880, Hobba, NM 88841-1880

State of New Mexico

Durgy, Minerale and Natural Resources Department

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DISTRICT II P.O. Drawer DD, Artesia, PM 88211-0719

DISTRICT III

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

DISTRICT IV P.O. Ber 2004, Santa Fe, NM 87504-2068

1000 Rie Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

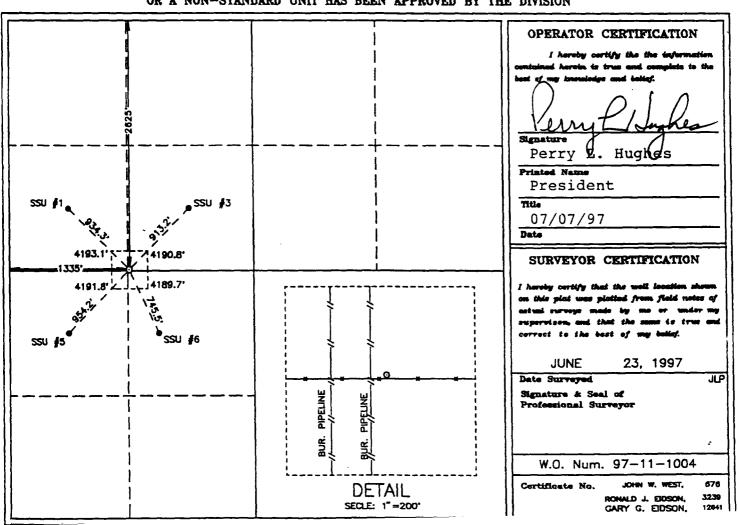
API Number	Pool Code Pool Name	
•	43329 Maljamar Grayburg San And	lres
Property Code 16770	Property Name Phillips State XXXX	Weil Number
OGRED No.	Operator Name	10
143119	SHAHARA OIL GORRORATION, LLC	4191

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Foot from the	North/South line	Feet from the	East/West line	County
F	16	17 S	33 E		2625	NORTH	1335	WEST	LEA

Bottom Hole Location If Different From Surface

UL or let No.	Section	Township	Rango	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acre	Joint o	e infill Co	nsolidation (Code Or	der No.			·	· ·



State of New Mexico Energy, Minerals & Natural Resources Department

PO Box 1980, Hobbs, NM 58241-1980

OIL CONSERVATION DIVISION

Form C-101

Revised February 10, 1994

First St., Arlesia, I III Io Brazos Rd., Azt				2040 S. Pacheco St. Santa Fe, NM 97504				ubmit to Appropriate State Le	District Office use - 6 Copies use - 5 Copies		
ot IV 3. Pacheco St., Sar	na Fe, NM 87504							AMENI	DED REPORT		
PLICATIO	N FOR PE	RMIT TO (DRILL, RI	E-ENTER	, DEEPEN	I, PLUGBAC	K OR ADI	O A ZONE			
	Shahara Oi		1. Operator Nam					2 OGRID			
	207 W. McF Carlsbad, N		30.07	5-340							
4. Proper	ty Code	1			5. Property	Name	ne 6.				
167	70	! 		Phillips	State				11		
	 -				ace Location		 	, 			
UL or lot no.	Section 16	Township 17S	33E	Lot Idin.	Feet From the	South	Feet From the	Essi@est Line West	county Lea		
			8. Proposed	Bottom Hole L	ocation If Differ	ent From Surface	•				
LIL, or lot no.	Section	Township	Range	Lot Idin.	Feet From the	North/South Line	Feet From the	East/West Line	County		
	Maljamar (9. Proposed Pro Grayburg		res			10. Prop	losed Pool 2			
11. Work	Type Code	12, West 1	Type Code	13. Ca	ble/Rotary	14. Lease	Type Code	15. Ground La	vel Elevation		
	<u> </u>	(<u> </u>		R	S	<u> </u>	418	19'		
16. M N	•	17. Propo	sed Depth 50'		omation Andres	19. Co. L & M [Septembe			
			21. 1	roposed Cas	ing and Cemen						
	Casing Size	Casing w	reight/foot	Settle	ng Depth	Sacks of	Cement	Estimate	d TOC		
Hole Size				500		300)	Circulate			
Hoie Size 12 1/4"	8 5/8"	24#				070	١	Circ 100' ab	OVA 8 5/8"		
		24# 17#	!	4850)'	970	,	0110 100 00	046 0 210		
12 1/4"	8 5/8"	+		4850)' 	9/0	,	casing sho			
12 1/4"	8 5/8"	+		4850)'	9/(

Blow Out Prevention: 10" Series 900 Type "E" Shaffer Hydraulic BOP

1								
	ally that the information gives a	omplete to the best of my				TION DIVISION		
tnewledge and t		\bigcirc	Approved by:	ORIGI	NAL SIG	NED BY CHRIS WILLIAM	MS	
Signature:	Kerry	_/Ju	1the	Title:		DISTH	ICT I SUPERVISOR	
Printed Name:	Perry L Hu	ghes ()	Approval Date:	AUG 08	1997	Expiration Date:	
Title:	President			Conditions of Appr	tvet			
Date:	07/07/97	Phone:	505-885-5433	Attached:				
								

DISTRICT I 2.0. Bez 1986, Sobba, 18£ 96241-1980

State of New Mexico

orgy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994 Submit to Appropriate District Office

Title

Date

07/07/97

SURVEYOR CERTIFICATION

on this plat was plotted from field notes of extual surveys made by me or under my supervison, and that the same is true and

23, 1997

876 3239 12641

I hereby certify that the well less

JUNE

correct to the best of my bolisf.

A Dad & COMMINISTRATION OF THE PARTY OF THE

Certificia de JOHN 25 15T.

OPOTES DE LIDSON.

OPOTES DE LIDSON.

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT II 2.0. Bruwer 30, Artesia, NM 88211-9719

1006 Rio Brazes Rd., Axteo, NM 87410

4190.7' 4186.2'

-1301

4191.1' 4189.3'

DISTRICT III

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

ISTRICT IV		Santa re, New Mexico 8/304-2008									
.O. Ber 2066, Sent	A FG, RM 8794		WELL LO	CATION	AND ACREA	GE DEDICATION	ON PLAT				
	Number	202		ool Code	14-	1 :	Pool Name				
	30-025-34092 43329 Maljamar Grayburg San Andres										
Property Code Property Name Well Number 16770 Phillips State SSM 11									ber		
0GRD N				SHAHA	Operator Nam ARA OIL &®	RECEATIONK,	LLC	## 4189	n		
					Surface Loc	ation					
UL or lot No.	Section 16	Township 17 S	Range 33 E	Lot Idn	Peet from the 1305	North/South line SOUTH	Post from the 1301	Rest/West Hime WEST	County		
	<u> </u>	•	Bottom	Hole Loc	cation If Diffe	erent From Sur	face	<u> </u>			
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Wost line	County		
Policited Acres	Joint o	r infill Co	onsolidation :	Code Oz	dar No.	1		1	· ·		
<u></u> -	OWABLE V					UNTIL ALL INTE		EEN CONSOLID	ATED		
							OPERAT	OR CERTIFICA	TION		
	 						1 1	by certify the the in in its true and companies and tellor.	•		
	<u> </u>			 			Perry Printed Nam Presid		<u>J</u>		

DISTRICT I P.O. Box 1980, Mobbs, NM 88341-1980

State of New Mexico

Energy, Minerale and Natural Resources Departs

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

DISTRICT II P.O. Drawer 30, Artesia, NM 88211-0719

DISTRICT III

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

DISTRICT IV P.O. Box 2008, Sents Fe, NM 87604-2066

1006 Rio Brasos Rd., Astec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

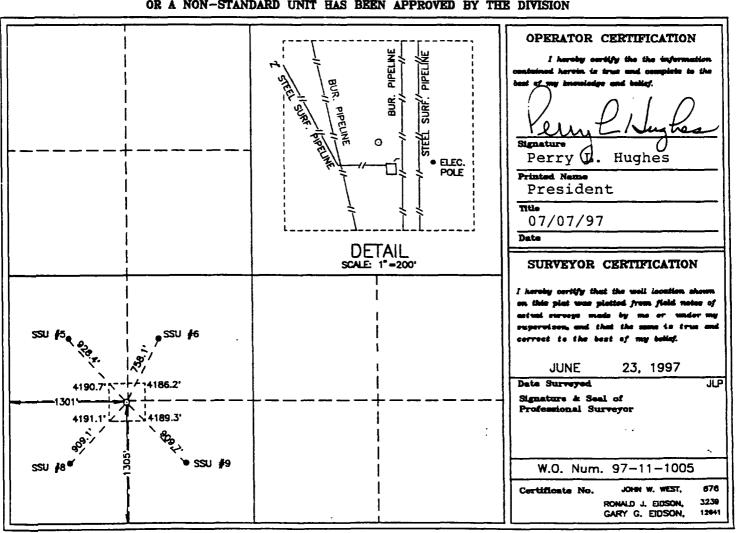
API Number	Pool Code Pool Name 43329 Maljamar Grayburg San	Andres
Property Code 16770	Property Name Phillips State SSMX	Well Number
OGRED No. 143119	Operator Name SHAHARA OIL XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	Elevation 4189

Surface Location

UL or lot No.	Section	Township	Range	Lot Mn	Feet from the	North/South line	Post from the	East/West line	County
М	16	17 S	33 E		1305	SOUTH	1301	WEST	LEA

Bottom Hole Location If Different From Surface

UL or let No.	Section	Township	Range	Lot Mn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or	Infill Con	asolidation (ode Or	ier No.				:



State of New Mexico

Energy, Minerals & Natural Resources Department

rer OO, Artesse, NM 96211-0719

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 97504-2088

Form C-101

Revised February 10, 1994

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Submit to Appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

AMENDED REPORT APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK OR ADD A ZONE 2. OGRIO Number Shahara Oil, Let Corp 143119 207 West McKay Carlsbad, NM 88220 4. Preperty Code 16770 **Phillips State** 12 7. Surface Location UL or let no. 16 17 S 33 E 331 North 1310 D West Lea

	8. Proposed Bottom Hole Location If Different From Surface									
UL er lei	ne.	Section	Township	Range	Lat ldn.	Feet From the	North/South Line	Feet From the	East/Most Line	County
				<u></u>	<u> </u>					
			9. Proposed P	ool 1	10. Proposed Pool 2					
	Maljamar Grayburg San Andres									

11. Work Type Code	12. Well Type Code	13. Cable/Retary	14. Lesse Type Code	15. Graphi Level Spraifes
N .	0	R	S	4195'
16. Multiple	17. Proposed Depth	18. Formulas	18. Contraster	20. Speel Outo
No	4850'	San Andres	Norton Drilling	November 15, 1997

21. Proposed Casing and Cement Program

Hole Stee	Casing Stee	Causing weight/float	Setting Depth	Seeles of Corners	Estimated TOC
12 1/4"	8 5/8"	24#	500	300	Circulate
7 7/8"	5 1/2"	17#	4850'	970	Circ 100' above 8 5/8"
					casing shoe

Permit Expires 1 Year From Approval

It is proposed to drill the above captioned will to a total depth of 4850 with listary togle; way If commerical production is indicated, the well will be perforated and stimulated as necessary.

Blow Out Prevention: 10" Series 900 Type "E" Shaffer Hydraulic BOP

23. I hereby earlify the	t the information given above in true and complete to the best of my		OIDE CINETRA ATTOMORATE IN MILLIAMS
terreladge and ballet.	(1, 1, 1)	Approved by:	DISTRICT I SUPERVISOR
Species /	Clane Harke	Title:	
Printed Name:	Meranie J. Parker	Approval Cute:	nrt 9 0 1997
Title:	Agent	Conditions of Approval:	
10/27/97	505-885-5433	Attachad:	

DISTRICT I F.O. Box 1980, Hobbs, NM 88341-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

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DISTRICT II F.O. Brower DD. Artesia, NM 88211-0719

DISTRICT IV

DISTRICT III 1000 Rio Brasos Rd., Axtec, NM 87410

F.O. Box 2088, Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API	Number			Pool Code		Pool Name					
30-025-34\77 43329 Maljamar Grayburg San Andres											
Property Code Property Name								Well Number			
16770		İ			PHILLIPS ST	Ait		12			
OGRID No. Operator Name Elevation 143119 SHAHARA OIL, LLC 4195								n.			
				. —	Surface Loc	ation					
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
D	16	17 S	33 E		331	NORTH	1310	WEST	LEA		
			Bottom	Hole Lo	cation If Diff	erent From Sur	face				
UL or lot No.	Section	Township	Range	Lot idn	Feet from the	North/South line	Feet from the	East/West line	County		
Dedicated Acre	s Joint o	or Infill Co	nsolidation	Code Or	der No.	<u> </u>	<u> </u>	<u> </u>			
				l							

	OR A NON-STANDARD UNIT HAS BEEN APPROVED BY TE	E DIVISION
1310'		OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of herebest of
		I hereby certify that the well lecation shown on this plat was plotted from field noise of actual surveys made by me or under my supervisen, and that the same is true and correct to the best of my belief. OCTOBER 20, 1997 Date Surveys Manual July Signature Surveys July Signature Surveys July Protessions Surveys Sur

DISTRICT | P.O. Best 1980, Robbe, NM 88241-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

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DISTRICT II P.O. Drawer DD, Artema, NM 88211-0719

DISTRICT III

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

DISTRICT IV P.O. Box 2008, Santa Fe, NM 87504-2088

1000 Rio Brazos Rd., Axtec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

A.P.I	Number		1	Pool Code		Pool Name							
			433	129	Ma]	.jamar Grayl	ourg San A	ndres					
Property (ty Code Property Name Well Number												
16770		t I	PHILLIPS STATE 12										
OGRID No					Operator Nam	ne		Elevatio	n.				
14311	9			S	HAHARA OIL	., LLC		4195					
					Surface Loc	ation							
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Peet from the	Bast/West line	County				
О	16	17 S	33 E		331	NORTH	1310	WEST	LEA				
			Bottom	Hole Loc	ation If Diff	erent From Sur	face						
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County				
			į	į		į .							
Dedicated Acre	Joint o	e Infill Co	nsolidation	Code Or	der No.		L	<u> </u>					
	1								•				
NO ALL	WADIE 1	ETT DE AC	CCICNED	TO TITLE	COMPLETION	ITATOTE ATT TATOTET	DECTO HAVE DE	PN CONCOLID	· men				

		DARD UNIT HAS BEEN APPROVED BY THE DIVISION
152		OPERATOR CERTIFICATION
1310'	~75 <i>J</i> . #4	I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature
		Printed Name Title 10 23 97 Date SURVEYOR CERTIFICATION
		I hereby certify that the well location shown on this plat was plotted from field notes of actual curveys made by we or under my supervison, and that the same is true and cerrect to the best of my beliaf.
		OCTOBER 20, 1997
1		Date Surveyed JLP
+		Signature & Seal of Professional Surveyor
		W.O. Num. 97-11-1671
		Certificate No. JOHN W. WEST, 676 ROMALD J. EIDSON, 3239 GARY G. EIDSON, 12641

State of New Mexico

Energy, Minerals & Natural Resources Department

PO Drawer DO, Artessa, NM 88211-0719

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1000 Rio Brazes Rd., Azi	ne, NM 87410							Fee Le	see - 5 Copies
Cleariet IV PC) Base 2000, Santa Fe,	NIA 87504-2088							AMEN	IDED REPORT
APPLICATIO	ON FOR PER	RMIT TO E	ORILL, RE	-ENTER,	DEEPEN	, PLUGBACI	OR ADD	A ZONE	
		,-	1 Sperster Heat	o and Address				2. OGRIO	Norber
		/	Shahara	Oil	CORP			143119	
			207 West	t McKay				3. API N	mber
			arlsbad,	NM 8822	20			30.025	-34178
4. Prope	erty Code				5. Preparty				G. While No.
16770					Phillips	State			13
					ace Location				 1
u. er tet me. C	Section 16	17 S	33 E	Lot ide.	Feet From the	North	2309	East/West Line	County
	10	17.3	135 E	<u> </u>	1310	NOILII	2303	West	Lea
			8. Proposed	Bottom Hole L	ocation If Differ	ent From Surface			
UL or lot no.	Section	Township	Range	Let ide.	Feet From the	North/South Line	Feet From the	East/West Line	Country
	<u> </u>	9. Proposed P	logi 1		1		10. Prop	seed Paal 2	<u> </u>
	Maljamar G	rayburg	San Andr	es					
		 		,		,			
	Type Code	1	Type Code	1	Ma/Retary	14. Lease 1		15. Greend La	1
	<u>N</u>		0		R	<u> </u>		418	
		1	550'		Andres	Norton		20. spen can November 15, 1997	
		1	21.	Proposed Cas	ing and Cemen	t Program			
Hole State	Casing Stan		velgit/foot		ng Depth	Sada of		Estèrmin	4 TOC
12 1/4"	8 5/8"		24#		00'	300		Circulate	
7 7/8"	5 1/2"	1	7#	48	350'	970		Circ 100' at	ove 8 5/8"
				 				casing	shoe
		 							
	<u> </u>	<u>i</u>		<u> </u>		<u> </u>		<u> </u>	
22. Describe the propo		union is to DEEPEN	or PLUG BACK, gi	re the data on the p	recent productive zan	Perm	it Expires	Year Fro	om Approba
proventries program, if	24). Von 202022 West	,				D	ate Unies	ss Drilling U	Inderway
ļ	It is propose	ed to drill t	he ahove	cantioned	t will to a t	ntal denth of	4850' with	rotary tools.	
						perforated		-	
	necessary.	di pioddo		ioutou, an	J 11011 11111 1	o perioratet	a and sunt	nateu as	
	necessary.							•	
	Blow Out P	revention:	10" Serie	es 900 Ty	pe "E" Sha	affer Hydraul	ic BOP		
						- OW - COV			
23. I hereby earlify the	t the information given the	ve is true and comp	late to the best of a	7	 		CHENT	ADIARION	IAMS
Improvedant and leafer.	Mila.	·	L.V.		Approved by:		STRICT LS	UPERVISOR	<u></u>
Separate:	r xuan	1	Dorbor		Title:	na	T 30 t	397	
Printed Home:		Melarie J			Approval Date:				
Titlet	<u> </u>	Age	711L		Conditions of Appr	wat			
10/27/97	•	Phone:	05-885-54	133	Market				

DISTRICT | P.O. New 1880, No. 38841-1980

State of New Mexico

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DISTRICT III

OIL CONSERVATION DIVISION

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DISTRICT IV P.O. Box 2008, Senta Fe, NM 87504-2008

1000 Rio Brance Rd., Autec, NM 67410

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

	Number			Pool Code		Pool Name						
30-02	5-34	178	433	Maljamar Grayburg San Andres								
Property Code Property Name Well Number 16770 PHILLIPS STATE 13									ber			
OGRID No. Operator Name Elevation 143119 SHAHARA OIL, LLC 4187									<u> </u>			
					Surface Loc	ation						
UL or lot No.	Section	Township	Range	East/Vest line	County							
С	16	17 S	33 E		1310	NORTH	2309	WEST	LEA			
			Bottom	Hole Loc	eation If Diffe	erent From Sur	face	· , ,				
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County			
Dedicated Acre	s Joint o	er Infilia Co	nsolidation	Code Or	dar No.			L	.· 			
NO ALLO	WABLE 1	VILL BE A	SSIGNED	TO THIS	COMPLETION	UNTIL ALL INTE	RESTS HAVE B	EEN CONSOLID	ATED			

	 BIT ALTROVAD	D1 111	
			OPERATOR CERTIFICATION
1310.			Signature Printed Name 10/23/97
	 		SURVEYOR CERTIFICATION
	1 1		I hereby certify that the well lession shows on this plat was plotted from floid notes of actual surveys made by me or under my supervisors and that the same is true and correct to the best of my being.
	 +		OCTOBER 20, 1997 Date Surgereduming Street,
	 		2019 10-21-97 EW.O. Curn. 97-18-1672 Constitute No. 198-1672
			OR A NON-STANDARD UNIT HAS BEEN APPROVED BY TH

DISTRICT I P.O. Ber 1988, Hobbs, NO. 98841-1985

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DISTRICT III

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

DISTRICT IV P.O. Bez 2008, Santa Fe, NK 87504-2088

1000 Rie Brazos Rd., Astec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

API	Number	43329 Maljamar Grayburg San Andres										
Property (Code		Property Name PHILLIPS STATE									
0GMD No.	5.	Operator Name Elevation SHAHARA OIL, LLC 4187										
	Surface Location											
UL or lot No.	Section 16	Township 17 S	Range 33 E	Lot Idm	Feet from the 1310	North/South line NORTH	Feet from the 2309	East/West line WEST	County LEA			
			Bottom	Hole Loc	ation If Diffe	rent From Sur	face					
UL or lot No.	Section.	Township	Range	Lot Idn	Foot from the	North/South line	Fost from the	East/West line	County			
Dedicated Acre	Joint o	er imfili Co	ngolidation	Code Ord	ler No.	I	<u> </u>	L	.· .·			

	OR A NON-STANDARD L	INIT HAS BEEN APPROVED BY THE DIVISIO	N
2309'	OR A NON-STANDARD T	OPER.	ATOR CERTIFICATION arrows contify the the information arrows in true and complete to the immulator and ballet.
2.00	/so /^x	Date	CESIDENT 10/23/97 EYOR CERTIFICATION
		on this pi	erify that the well location shown at wear plotted from field notes of rouge made by me or under my m, and that the same is true and to the best of my bolist. CTOBER 20, 1997
	 	Professi	veyed JLP • & Seel of onel Surveyor . Num. 97-11-1672
		Certifice	RONALD J. EIDSON, 3230 GARY G. EIDSON, 12841

State of New Mexico Energy, Minerals & Natural Resources Department

PO Box 1965, Hobbs, HM 66241-1960

OIL CONSERVATION DIVISION

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PO Drawer DO, Artenia, Ni Dietric Hi 1000 Rie Brigge Rd., Aziec			Sa		30x 2088 IM 97504-	2088	S		District Office dae - 6 Copies dae - 5 Copies
District IV PO Box 2008, Serics Fe, M	M 87504-2086							AMEN	DED REPORT
APPLICATIO	N FOR PER	MIT TO E	ORILL, RE	-ENTER,	DEEPEN,	PLUGBACH	OR ADD	A ZONE	
			1. Operator Name					2. OGR(O	Number
			Shahara	Oil,±±6	Corp			143119	
			207 West	•				3. API N	
		c	arisbad,	NM 8822	0	 		30-025	-34174
4. Propert	y Code				5. Property Phillips				G. Wall No.
16770				7 Curt			14		
UL or let on.	Section	Township	Range	Lot lat.	Feet From the	North/South Line	Feet From the	East/Most Line	Courtey
K	16	17 S	33 E		2630	South	2307	West	Lea
\			<u> </u>		<u> </u>				
 _			8. Proposed	Bottom Hole L	ocation If Differ	ent From Surface		,	
UL or lot ms.	Section	Tournable	Ronge	Let ide.	Foot From the	Horth/South Line	Feet From the	Exektions Line	Causty
	Maljamar G	nayburg		es			10. Prop	osed Padi 2	
11. Work T	Nee Code	12. West	Type Code	13. 0-1	Ma/Retary	14. Lenso 1	New Code	15. Greand La	
N		})	Į.	R	S		418	1
10. 16		17. Prepi	peed Depth	18. Formation		18. Contractor		20. Speek Date	
N.	0	48	50'	San A	Indres	Norton	Drilling	November	15, 1997
			21.	Proposed Casi	ing and Cemen	Program			
Haio Stape	Casing Stan		regit/fool		g Dupth	Sector of	Cornert	Estrata	TOC
12 1/4"	8 5/8"	 	4#		00,	300		Circulate	
7 7/8"	5 1/2"	1	7#	48	350'	970		Circ 100' at	
								casing	shoe
22. Dougla the server	of contrasts. If this specie	ation is to OFFPFN	or PILIG BACK on	. the data on the or	retest production res		hutto and County		
proventies program, if an	y. Use additional sheets	i i necessary.	•			Permi Da	t Expires Ite Unles	1 Year Fro s Drilling U	m Approve
	It is propose	ed to drill t	he above	captioned	i will to a to	otal depth of	4850' with	rotary tools.	
						otal depth of se perforated		•	
						-		•	
	If commeric necessary.	al produc	tion is indi	icated, the	e well will t	-	d and stimu	•	
	If commeric necessary.	al produc	tion is indi	icated, the	e well will t	e perforated	I and stimu	•	
	If commeric necessary.	al produc	tion is indi	icated, the	e well will t	oe perforated offer Hydraul OIL CONS ORIGINAL	ic BOP SERVATIONSIGNED BY	N DIVISION	
	If commeric necessary.	al produc	tion is indi	icated, the	well will t	oe perforated offer Hydraul OIL CONS ORIGINAL	i and stimu ic BOP SERVATIO SIGNED BY	N DIVISION CHRIS WILL PERVISOR	
23. I hereby curily that I incurates and belof. Signature:	If commeried necessary. Blow Out Particular of the Commerce o	al produc	10" Serie	icated, the	pe "E" Sha	oe perforated offer Hydraul OIL CONS ORIGINAL	i and stimu ic BOP SERVATIO SIGNED BY	N DIVISION CHRIS WILL PERVISOR	
	If commeried necessary. Blow Out Particular of the Commerce o	revention:	10" Serie	icated, the	pe "E" Sha	oe perforated offer Hydraul OIL CONS ORIGINAL DIS	i and stimu ic BOP SERVATIO SIGNED BY	N DIVISION	

DISTRICT I P.G. Box 1980, Hobbs, NM 40341-1980

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DISTRICT IV

DISTRICT III 1006 Rio Brazos Rd., Axton, NM 67410

P.O. Box 2006, Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

C AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API	Number			ool Code		Pool Name						
30-02	5-34	179	4332	Andres								
Property (Code	Well Num	Well Number									
16770				{	PHILLIPS STA	TE		14				
OGRED No	D		Operator Name Bar SHAHARA OIL, LLC 41									
143119			4185									
					Surface Loca	ation						
UL or lot No.	Section	Township	hip Range Lot Idn Feet from the North/South line Feet from the East/West line County									
K	16	17 S	33 E		2630	SOUTH	2307	WEST	LEA			
			Bottom	Hole Loc	ation If Diffe	rent From Sur	face	·	<u> </u>			
UL or lot No.	Section.	Township	Range	Lot Idn	Feet from the	North/South line	Foot from the	East/West line	County			
Dedicated Acre	Joint o	r Infili C	onsolidation (Code Or	der No.				·			
ALIA ON	OWABLE W					INTIL ALL INTER APPROVED BY		EEN CONSOLID	ATED			
	-					 	OPERATO	OR CERTIFICA	TION			
	I hereby certify to											

Date SURVEYOR CERTIFICATION 331' 2307 I hereby certify that the well les on this plat was pisted from field notes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my belief. OCTOBER 20, 1997 P. SMI. OF SO JLP POFESSION EDSON. 676 MINIMININA G. EIDSC. 3239 12641

DISTRICT I P.O. Bez 1880, Hobbs, 10E 88341-1980

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DISTRICT III

1000 Rio Brazos Rd., Axtec, NM 87410

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P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

DISTRICT IV P.O. Box 2006, Santa Fe, NM 87504-2068

WELL LOCATION AND ACREAGE DEDICATION PLAT

API 1	API Number Pool Code 43329 Maljamar Grayburg San Andres												
16770	ode		Property Name Well Number PHILLIPS STATE 14										
0GRID No 143119).	Operator Name Elevation SHAHARA OIL, LLC 4185											
					Surface Loca	ation							
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County				
K	16	17 S	33 E		2630	SOUTH	2307	WEST	LEA				
			Bottom	Hole Loc	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	East/West line	County				
Dedicated Acre	Joint o	er inffil Co	nsolidation	Code Or	der No.	<u> </u>	L	L	<u>,</u>				

		APPROVED BY T	-
			OPERATOR CERTIFICATION
i			I hereby certify the the infermation contained herein to true and complete to the
!	!		best of my immedates and beligt.
			$ () P_{i}(0) $
i			Telly Lines
			Paroli L. Hugges
	1		Printed Name
į # 3	1		1165106T
			Date 10/23/97
12.	ļ		
2307	331'		SURVEYOR CERTIFICATION
9702	į		I hereby certify that the well location shown on this plat was plotted from field noise of
	!		supervison, and that the same to true and
# 6	į		correct to the best of my belief.
	į į		OCTOBER 20, 1997 Date Surveyed JLP
L	 		Signature & Seel of
2630'			Professional Surveyor
			W.O. Num. 97-11-1673
	!		Certificate No. JOHN W. WEST, 676
			RONALD J. EIDSON, 3239 GARY G. EIDSON, 12441

State of New Mexico

Energy, Minerals & Natural Resources Department

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OIL CONSERVATION DIVISION

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Oletriet IV PO Baic 2000, Santa Fe, I	HM 87504-2000							AMEN	IDED REPORT
APPLICATION	N FOR PEF	RMIT TO I			DEEPEN	PLUGBACK	OR ADD	A ZONE	
		مرمد م	Shahara		= cors	-		2 conto 143119	Manber
		c	207 West	•	:0			30-025	
4. Prope	rty Code				5. Property				8. Well No.
16770				7. Surfa	Phillips ace Location	State			15
UL or lot no.	Section 16	Township 17 S							county Lea
			1					West	
Ut, or let no.	Section	Township	8. Proposed	Bottom Hole L	coation if Differ Feet From the	North/South Line	Feet From the	EastWest Line	County
		S. Proposed F	hud 1				10.0	good Past 2	L
	Maljamar G			es			10. Prop		
	Type Code		Type Code		ble/Ratery	14. Lesso 1		15. Ground Le	
	N. Adapto	 	Oceand Depth	R 18. Formation		S 19. Contractor		4180°	
i	lo	ŀ	4850'		San Andres		Drilling	November	
	·	,	21. [Proposed Cas	ing and Cemen	Program			
12 1/4"	8 5/8"		4#		00, a peter	Sector of	Coment	Circulate	4 TOC
7 7/8"	5 1/2"		.4# .7#	}	350'	970		Circ 100' above 8 5/	
	0					0,0		casing	
22. Deserbe the proper	eed program. If this appli	cation is to DEEPER	er PLUG BACK, giv	to the data on the pr	record productive and	e and proposed now pred			
proventrios program, if t	• •	ed to drill t		=		Date	Unless E 4850' with	Year From Orilling Und rotary tools. Ilated as	
	necessary.								
	Blow Out P	revention	10" Serie	es 900 Ty	pe "E" Sha	affer Hydraul	ic BOP		
23. I hereby eartify that	the information given abo		to the best of m	·		OIL CONS	SERVATIO	N DIVISION	
-	11.	01 1)		Approved by:	ORIGINAL	SIGNED B	Y CHRIS WILL UPERVISOR	LIAMS
Specia	Mary	flacti	<u> </u>		Title:	ΟI:	101 3 0	1997	
Printed Hamit		Melanie .			Approval Date:		10, 9,		
Title:		Age			Conditions of Appa Attached:	wet			
10/27/97	, 	5	05-885-54	133	<u> </u>				

DISTRICT I P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II

DISTRICT III

State of New Mexico

Energy, Minerale and Natural Resources Department

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Pool Name

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P.O. Brewer BD, Artesia, NK 88211-0719

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

·

AMENDED REPORT

DISTRICT IV

P.O. Box 2086, Santa Fe, NM 87504-2068

API Number

1000 Rio Brazos Rd., Axtec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

Pool Code

7-341	80	O 43329 Maljamar Graburg San Andres							
		Property Name							
	ĺ		i	PHILLIPS STA	NTE .		15		
0.				-			Elevatio	<i>a</i>	
	}		S	SHAHARA OIL	, LLC		4180		
Surface Location									
Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County	
16	17 S	33 E		1310	SOUTH	2306	WEST	LEA	
		Bottom	Hole Loc	cation If Diffe	rent From Sur	face	'		
Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County	
Dedicated Acres Joint or Infill Consolidation Code Order No.									
	Section 16	Section Township 16 17 S Section Township	Section Township Range 16 17 S 33 E Bottom Section Township Range	Section Township Range Lot Idn 16 17 S 33 E Bottom Hole Loc Section Township Range Lot Idn	Section Township Range Lot Idn Feet from the Section Township Range Lot Idn Feet from the Location If Difference Location Township Range Lot Idn Feet from the Location If Difference Location Idn Feet from the Location Idn Feet from	Property Name PHILLIPS STATE Operator Name SHAHARA OiL, LLC Surface Location Section Township Range Lot Idm Feet from the North/South line 16 17 S 33 E 1310 SOUTH Bottom Hole Location If Different From Sur Section Township Range Lot Idm Feet from the North/South line	Property Name PHILLIPS STATE Operator Name SHAHARA OIL, LLC Surface Location Section Township Range Lot Idn Feet from the North/South line Peet from the 16 17 S 33 E 1310 SOUTH 2306 Bottom Hole Location If Different From Surface Section Township Range Lot Idn Feet from the North/South line Peet from the	Property Name PHILLIPS STATE 15 Operator Name SHAHARA OIL, LLC 4180 Surface Location Section Township Range Lot Idn Feet from the North/South line Peet from the East/West line 16 17 S 33 E 1310 SOUTH 2306 WEST Bottom Hole Location If Different From Surface Section Township Range Lot Idn Feet from the North/South line Peet from the East/West line Feet from Township Range Lot Idn Feet from the North/South line Feet from the East/West line	

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
			OPERATOR CERTIFICATION I haveby cartify the the information contained havein is true and complete to the best of me branching and baker. Signature CAR L. HACHES Printiple Name 10 23 97 Date SURVEYOR CERTIFICATION
2306	331.		I hereby certify that the well leastion shown on this plat was plotted from field noise of artist surveys made by the or under my supervision, and that the same to true and correct to the best of my boiler. OCTOBER 20, 1997 Date Surveys and Marine Surveyor JLP Signature to Sourveyor ME Professional Surveyor ME Cartiston No. 197-11 674 Cartiston No. 197-11 674 Cartiston No. 197-11 674 Cartiston No. 1984 EDSON, 3239

DISTRICT I P.O. Box 1960, Hobbs, NM #8241-1960

State of New Mexico

Rnorgy, Minerals and Natural Resources Department

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

DISTRICT II P.O. Brewer DD, Artesia, NM 68211-0719

DISTRICT IV

DISTRICT III 1000 Rio Brazos Rd., Axtec, NM 87410

P.O. Box 2068, Senta Fe, NM 87504-2088

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 43329	Maljamar Graybrug San And	dres		
Property Code 16770	Property Name Well Nu PHILLIPS STATE 11				
OGRID No. 143119	-	rator Name RA OIL, LLC	Elevation 4180		
	Surfa	ace Location			

UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Peet from the	Bast/West line	County
N	16	17 S	33 E		1310	SOUTH	2306	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint o	r Infill Co	nsolidation	Code On	der No.				,

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

	OR A NON-STAN	DARD UNIT HAS BEEN APPROVED BY THE DIVISION
		OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief
		Signifure Chry Hucks Printed Name Nts DG Title O 23 97
	f 6	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and
2306	(C).	OCTOBER 20, 1997 Date Surveyed JLP Signature & Seal of Professional Surveyor
	,01£1 47	W.O. Num. 97-11-1674 Certificate No. JOHN W. WEST. 676 RONALD J. EIDSON, 3239 GARY G. EIDSON, 12641

State of New Mexico

PO BOX 1980, Hobbs, NM 86241-1980

OD, Arteun, NM 88211-0719

necessary.

12/03/97

Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION

2040 S. Pacheco

Form C-101

Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

Date Unless Drilling Underway

OIL CONSERVATION DIVISION **ORIGINAL SIGNED BY** GARY WINK FIELD REP. II

Santa Fe, NM 97504 State Lease - 6 Copies Fee Lease - 5 Copies AMENDED REPORT PO Stat 2088, Santa Fe, NM 87504-2088 APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUG BACK OR ADD A ZONE Shahara Oil, LLC 143119 207 West McKay Carlsbad, NM 88220 **Phillips State** 100 16770 7. Surface Location UL or lot no. Feet From the 16 178 33E 1330 140 Е North West Lea 8. Proposed Bottom Hole Location If Different From Surface UL or lat no. Feet From the 43329 - Maljamar Grayburg San Andres 11. Work Type Code 12. Well Type Code 14. Lesso Type Code N 0 R S 4198' 18. Maligio 17. Proposed Dept 18. Form 20. Speel Onto 5000' No **Grayburg SA** 01/01/98 **Artesia Fishing Tool** 21. Proposed Casing and Cement Program Setting Depth Secto of Coment 12 1/4" 8 5/8" 24# 500 300 Circulate 7 7/8" 5 1/2" 17# 5000' 970 Circ 100' above 8 5/8" casing shoe Permit Expires 1 Year From Approval

It is proposed to drill the above captioned well to a total depth of 5000' with rotary tools. If commercial production is indicated, the well will be perforated and stimulated as

Blow Out Prevention: 10" Series 900 Type "E" Shaffer Hydraulic BOP

This well is a co-op well with The Wiser Oil Company.

505-885-5433

Melanie J. Parker Agent

DISTRICT I P.O. Bur 1880, Hobbs, RM 68941-1888

State of New Mexico

Energy, Einerale and Natural Resources Department

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NO. DEPOSE EDSON.

576 3239 12641

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DISTRICT II P.O. Denour DD. Artesta, NM 85811-0719

DISTRICT III

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

DISTRICT IV

1000 Rio Brasco Rd., Astec, NM 87410

). Ber 2066, Sente	k Fe, NM 676	04-2088	WELL LO	CATION	N AND ACREA	AGE DEDICATION	ON PLAT			
	API Number Pool Code 43329					Pool Name MALJAMAR GRAYBURG SAN ANDRES				
Property 0			- 		Property Near			Well Number		
OGRID No					Operator Naz			100		
143119					SHAHARA OIL			4200	4	
		·	·- 		Surface Loc	ation				
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			Bottom	Hole L	ocation If Diff	erent From Sur	face	L	<u>!</u>	
or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	Count	
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DISTRICT I P.O. Best 1980, Hobbs, JM 58341-1986

State of New Mexico

ergy, Minerale and Natural Resources Departme

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For Lease - 3 Copies

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P.O. Box 2088

Santa Fe, New Mexico 87504-2088

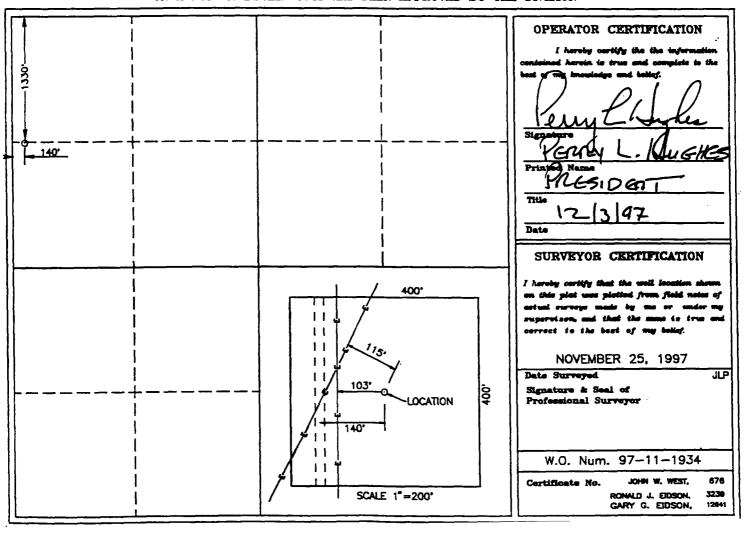
☐ AMENDED REPORT

DISTRICT IV P.O. Boz 2086, Santa Fe, NM 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

	Number LS~3,	4220	_	Pool Code 43329		Pool Name MALJAMAR GRAYBURG SAN ANDRES				
Property 0 16770				Well Number						
0GRID No 143119			Operator Name Ele SHAHARA OIL, LLC 42							
Surface Location										
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
E	16	17 S	33 E		1330	NORTH	140	WEST	LEA	
		_	Bottom	Hole Loc	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	East/West line	County	
Dedicated Acres Joint or Infill Consolidation Code Order No. HO 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



State of New Mexico

Energy, Minerals & Natural Resources Department

1980, Hobbs, NM 88241-1980

OIL CONSERVATION DIVISION

Form C-101

Revised February 10, 1994

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2040 S. Pacheco Submit to Appropriate District Office war DD, Artesia, NM 88211-0719 Santa Fe, NM 97504 State Lease - 6 Copies atos Rd., Azlac, NM 87410 Fee Lease - 5 Copies AMENDED REPORT PO Box 2008, Santo Fe, NM 87504-2068 APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK OR ADD A ZONE Shahara Oil, LLC 143119 207 West McKay 3. API Number Carlsbad, NM 88220 025-342Kg 4. Property Code 101 16770 **Phillips State** 7. Surface Location UL or lot no. Ε 16 **17S** 33E 2630 North 140 West Les 8. Proposed Bottom Hole Location If Different From Surface UL or lates. 9. Proposed Pool 1 43329 - Maljamar Grayburg San Andres 12. Well Type Code 11. Work Type Code 14. Lease Type Code N 0 R S 4198' 17. Proposed Depth 19. Contri 16. IAddele 5000' No Artesia Fishing Tool 01/01/98 Grayburg SA 21. Proposed Casing and Cement Program Hole Stee Setting Depth Sade of Come Estimated TOC 500' 300 Circulate 12 1/4" 8 5/8" 24# 7 7/8" 5 1/2" 17# 5000' 970 Circ 100' above 8 5/8" casing shoe Permit Expires 1 Year From Approvs Date Unless Drilling Underway It is proposed to drill the above captioned well to a total depth of 5000' with rotary tools. If commercial production is indicated, the well will be perforated and stimulated as necessary. Blow Out Prevention: 10" Series 900 Type "E" Shaffer Hydraulic BOP This well is a co-op well with The Wiser Oil Company. OIL CONSERVATION DIVISION UhiGINAL SIGNED BY **GARY WINK** FIELD REP. II Melanie J. Parker - Oute: DEC #3 1997 12/03/97 505-885-5433

DISTRICT I P.O. Nex 1980, Hobbs, NR 98361-1980

State of New Mexico

Energy, Minorale and Natural Recourses Department

Form C-102 Revised February 10, 1994 Submit to Appropriate District Office

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DISTRICT III

DISTRICT II P.O. Brever DB, Artesia, NDK 88211-0719

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

DISTRICT IV P.O. Box 2008, Santa Fe, NM 87504-2088

1000 Rio Brazos Rd., Azteo, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

WELL LOCATION AND ACREAGE DEDICATION PLAT										
	Number 5 – 34	219		Pool Code 43329	Pool Name GRAYBURG SAN	Pool Name YBURG SAN ANDRES				
Property 0		Property Name						Well Number		
			PHILLIPS STATE							
о скі р ма 143119				c	Operator Name			Elevatio	n	
	<u> </u>				HAHARA OIL			4198		
					Surface Loc	ation				
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
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			Bottom	Hole Loc	ation If Diffe	erent From Sur	face			
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DISTRICT I P.O. Box 1880, Mobbs, JOK 88361-1980

State of New Mexico

Energy, Mastrale and Natural Resources Department

Form C-102
Revised February 10, 1994
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DISTRICT II P.O. Brewer SD, Artesia, Not 88211-0719

DISTRICT III 1000 No Bross Rd., Axteo, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

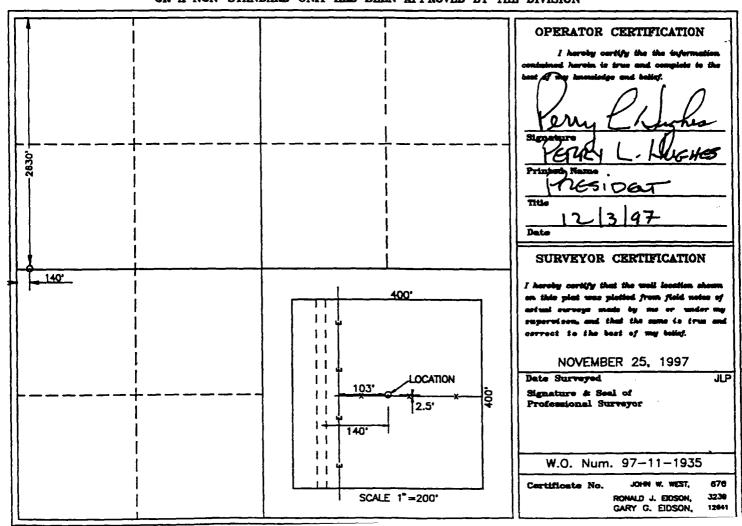
Santa Fe, New Mexico 87504-2088

AMENDED REPORT

DISTRICT IV P.O. Bex 2006, Santa Fa, NM 67504-2068

WELL LOCATION AND ACREAGE DEDICATION PLAT

	Number シスミー	34219		3329		MALJAMAR GRAYBURG SAN ANDRES						
Property (16770	Code		Property Name Well Number PHILLIPS STATE 101									
								10	1			
0GRID No 143119			Operator Name SHAHARA OIL, LLC 4198									
Surface Location												
UL or lot No.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County			
Ε	16	17 S	33 E		1330	NORTH	140	WEST	LEA			
			Bottom	Hole Loc	ation If Diffe	rent From Sur	face					
UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	Rest/West line	County			
Dedicated Acres Joint or Infill Consolidation Code Order No.												



Shahara Oil, LLC

207 W. McKay + Carlsbad, NM 88220 + 505-885-5433 + Fax 505-885-4989

December 8, 1997

The Wiser Oil Company Attn: Lauri Block 8115 Presto Rd., Suite 400 Dallas, TX 75225

Re:

Unorthodox Locations

Phillips State No. 100 and No. 101

Lea County, New Mexico

Dear Ms. Block:

Shahara Oil, LLC, as operator of the Phillips State Lease, shall apply to the New Mexico Oil Conservation Division for administrative approval of the following unorthodox well locations.

Phillips State No. 100

1330' FNL & 140' FWL

Section 16-17S-33E

Phillips State No. 101

2630' FNL 7 140' FWL

Section 16-17S-33E

In accordance with Article 7 of our Cooperative Unit Line Injection Well and Unit Line Infill Drilling Agreement effective November 1, 1997, please indicate your waiver, as offset operator, of the above unorthodox locations by signing and returning one copy of this letter as soon as possible.

Sincerely,

SHAHARA	YOIL, I	LLC
/ \	_	4

Perry L. Hughes Executive Officer

Agreed to accept this _____ day of December, 1997.

THE WISER OIL COMPANY

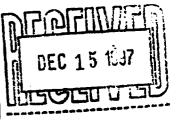
By: W & Sulli.

Name:

W.B. Phillips
Attorney-in-Fact

Title:





PRESSURIZED WATER SALE AGREEMENT

Pressurized Water Sale Agreement ("Agreement") entered into this the 9th day of February, 1998, effective the 1st day of February, 1998 by and between SHAHARA OIL, L.L.C., 207 W. McKay, Carlsbad, NM 88220, ("Shahara"), and THE WISER OIL COMPANY, ("Wiser"), 8115 Preston Road, Suite 400, Dallas, Texas 75225.

WHEREAS, Shahara desires to purchase pressurized water for their operations from the Caprock Maljamar Unit System ("System").

WHEREAS, Wiser being the operator and working interest owner of the System is willing to enter into an agreement to sell pressurized water to Shahara.

WHEREAS, Shahara is operator of an oil and gas producing property known as the Phillips State Lease located in Section 16, T17S, R33E, Lea County, New Mexico.

WHEREAS, Wiser agrees to dispose of produced water from the Phillips State lease into the System.

THEREFORE, in consideration of the mutual covenants herein contained, Shahara agrees to purchase pressurized water from Wiser and Wiser agrees to sell pressurized water to Shahara and dispose of Shahara's produced water on the following terms and conditions:

- 1. Shahara shall secure at its sole cost all necessary rights-of-way, easements and consents for transportation and receiving of pressurized water and the transportation and delivery of produced water from all applicable surface owners. Shahara agrees to lay, at its sole cost, including the cost of connection, pipelines from their operations to the nearest mutually agreeable point (s), whether one or more, to connect to the System. Shahara agrees to maintain such pipelines and equipment in a manner which will not interfere with Wiser's operations.
- 2. Subject to Article 6. below, Shahara shall be entitled to purchase up to a maximum of 3,600 barrels of pressurized water per day. Shahara, as requested by Wiser, agrees to monitor and report the volume purchased to the appropriate agencies having jurisdiction over these matters. It is also agreed that Shahara and Wiser shall meet all State and Federal requirements applicable to the purchase of pressurized water. It is agreed that Wiser shall furnish to Shahara a monthly report on the volume of pressurized water purchased. Such reports shall be based upon continuous measurement with a meter of a mutually agreeable type installed, maintained, and operated by Shahara at a mutually agreeable point(s). At the request of Wiser, said meter shall be tested for accuracy and a copy of the test report shall be furnished to Wiser. Shahara shall install a test loop for this purpose and that Wiser shall have the right to perform or witness such tests.

hahara shall deliver and Wiser shall receive the water produced solely from the Phillips State Lease, provided that Wiser shall only be required to take such water when the capacity of the System permits, taking its own needs into consideration first, and Wiser shall incur no liability for failure to take water for such reason. The water to be disposed of into the System shall be compatible with water disposed of by Wiser into the System and shall not contain basic sediment, more than 0.08 parts per million (ppm) oxygen, more than 100 ppm entrained oil or more than 10 ppm undissolved solids. In the event that the water being produced and delivered by Shahara hereunder should, at any time or times, and in the sole judgement of Wiser, be unsatisfactory for injection purposes or incompatible with other waters being handled by the System, then Wiser shall have the right to refuse to accept delivery and any additional water from Shahara until Shahara, at its sole cost, risk and expense, makes such water of a quality of water so as to render it acceptable to Wiser. It is understood and agreed that the produced water may contain micro-organisms injected for the purpose of increasing oil and gas production from the Phillips State Lease. Shahara further agrees to provide to Wiser by the end of each month a monthly report of produced water delivered to the System during the preceding month. Such reports shall be based upon continuous measurement with a meter of a mutually



agreeable type installed, maintained, and operated by Shahara at a mutually agreeable point(s). At the request of Wiser, said meter shall be tested for accuracy and a copy of the test report shall be furnished to Wiser. The amount of produced water delivered to the System shall never exceed the amount of pressurized water purchased by Shahara for the same month unless agreed upon by Wiser. However, it is understood and agreed upon by Wiser that the amount of produced water received for the first six (6) months of this Agreement will probably exceed the amount of pressurized water delivered to Shahara.

4. As compensation for the rights granted hereunder, Shahara shall pay Wiser twenty-seven cents (\$0.27) per barrel for pressurized water purchased. Payments shall be made monthly to the address indicated below. Wiser shall mail to Shahara a billing each month ("monthly billing") showing pressurized water delivered to Shahara during the preceding month as provided for in Article 2. above. Shahara shall pay the monthly bill within thirty (30) days after receipt thereof.

The Wiser Oil Company 8115 Preston Road, Suite 400 Dallas, Texas 75225

- 5. The term of this Agreement shall be for a period of five (5) years from the effective date, unless sooner terminated in accordance with the terms hereof.
- 6. Wiser shall have the preferential right to all the available water except produced water from the Phillips State Lease. If the available water is not adequate for Wiser's use and for Shahara's use, the use by Wiser shall be given priority and the quantity sold to Shahara shall be reduced to the amount of water available after Wiser's needs are fully satisfied.
- 7. Shahara hereby agrees to defend, protect, indemnify, and hold harmless Wiser, its parents, subsidiaries and affiliates, and such other persons and entities, now or hereafter having an ownership interest in said System, and the officers, directors, employees, and agents of each of them, harmless from and against all actions, causes, claims, demands, whatsoever for damages, injuries, death or losses to persons or property, caused by, resulting from, or in any way connected with the installation or maintenance of Shahara's pipelines and equipment up to and including the mutually agreed upon connection point(s), Shahara's use of the water sold to Shahara hereunder or Shahara's operations, including claims by other persons or entities to whom Shahara may subsequently furnish such water received from Wiser, regardless of whether caused by the sole or concurrent negligence or intentional acts of Wiser.
- 8. Shahara agrees to pay to Wiser all sums due for water delivered under this Agreement within thirty (30) days after receipt of Wiser's monthly billing. If payment is not made within thirty (30) days after receipt of Wiser's monthly billing, the unpaid balance shall bear interest at the rate of 8% per annum from due date until paid. Wiser shall have the right, if payment is not made as above provided, to suspend the delivery of any further pressurized water to Shahara and refuse receipt of produced water until payment is made in full and Wiser shall be without liability of any kind.
- 9. WISER EXPRESSLY DISCLAIMS AND NEGATES ANY IMPLIED OR EXPRESS WARRANTY OF QUALITY, VOLUME, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE PRESSURIZED WATER FURNISHED TO SHAHARA, AND SHAHARA ACCEPTS THE SAME "AS IS, WITH ALL FAULTS".
- 10. This Agreement may be terminated by either party during its first two years only for reasonable cause (such as, but not limited to, a consistent failure by Shahara to pay its bills to Wiser when due or to maintain its equipment, or a consistent inability by Wiser to provide pressurized water to Shahara). Thereafter, this Agreement may be partially terminated by either party for any reason. Termination shall be effective 30 days from the date written notice is received by the non-terminating party. Notice of termination may be sent by mail, facsimile transmission, or in any other manner. However, in the event this Agreement is partially terminated without cause during the term hereof,

Wiser agrees to continue to receive produced water from Shahara and shall deliver to Shahara the same amount of pressurized water for the five (5) year term of this Agreement in accordance with the applicable terms, provisions and Articles hereof.

- 11. Shahara fully recognizes that Wiser can not guarantee the delivery of the water and the delivery may from time to time be interrupted by forces beyond Wiser's control.
- 12. Nothing herein shall be deemed or construed to assign to Shahara any right, title or interest in any permit or property right of Wiser with respect to the right of Wiser to produce, use and sell the water hereunder.
- 13. This Agreement shall inure to the benefit of and be binding upon the parties hereto, their heirs successors and assigns.

IN WITNESS WHEREOF, the parties hereto have executed this duplicate originals of this Agreement on the date above first written.

mis Agreement on the date above that written.	
SHAHARA OIL, L.L.C.	THE WISER OIL COMPANY
By: Very L/Jyher Name: Perry L Hughes Title: President	By: W. B. Phillips Attorney-in-Fact
STATE OF TEXAS)()(S/S)(COUNTY OF DALLAS)(
This instrument was acknowledged before Phillips, Attorney-in-Fact for The Wiser Oil Com JENNIFER HOLTON MY COMMISSION EXPIRES JUNE 6, 2001	Notary Public Printed Name of Notary My Commission Expires (5 (07) 001
STATE OF NEW MEXICO)()(S/S)(COUNTY OF _EDDY)(
This instrument was acknowledged before	re me on the <u>16th</u> day of February, 1998, by
Perry L. Hughes, President of	Shahara Oil, LLC.
• .	Notary Public Thallia Marshall Printed Name of Notary My Commission Expires 11/06/2000
Shared astronomed at act	My Commission Expires 11/00/4000

•

ADDITIONAL OIL RESERVES

Resulting from Proposed Redevelopment 843,900 BBLS

FINANCIAL SUMMARY (\$M)

Proceeds from Future Production \$14,402.03

Less Capital Expenditures \$3,731.25 and Operating Expenses \$2,526.03

\$ 6,257.28

Projected Net Value of Additional Production

\$ 8,144.75

SUMMARY OF REDEVELOPMENT COSTS (\$M)

Drill 15 New Producers

9 @ 100% WI @ \$275 M/W = \$2,475.00 5 @ 50% WI @ \$275 M/W = 687.50 1 @ 25% WI @ \$275 M/W = 68.75

 $1 @ 25\% WI @ $275 M/W = \frac{68.75}{$3,231.25}$

Convert 7 Old Producers to Injectors

7 @ 100% WI @ \$40 M/W = \$280.00

Production & Injection

Facilities = $\frac{$220.00}{}$

Total \$3,731.25

