State of New Mexico Energy, Minerals and Natural Resources Department

Form C-105 Revised 1-1-89

District Offices State Lease - 6 copies

Fee Lease - 5 copies

<u>DISTRICT I</u>
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO. 30-025-34092

5. Indicate Type of Lease

State

00 Rio Brazos Rd.,	Artec M	M 87410										ŀ	6. State Oil &	State Gas Lease No.
	Aztec, Ni	W: 01410												B-2148
WE	ELL C	OMP	LETIC	ON OR	REC	OMPL	ETIO	N REPOR	RT AND	LOG				
Type of Well:													7. Lease Nan	me or Unit Agreement Name
	OIL W	/ELL	Χ	GAS W	ELL		DRY		OTHER					
ype of Completion	n:													Phillips State
		NEW	Χ	WORK				PLUG	DIFF					
		WELL		OVER		DEEPEN		BACK	RESVR		OTHER			
ame of Operator													8. Well No.	
Shai	hara (Oil, LL	_C											11
													9. Poo name	or Wildcat
ddress of Operat														
207	W. M	lcKay,	, Cari	sbad, N	MN 8	88220	508	5/885-543	33				Maija	mar Grayburg San Andres
Vell Location		·												
	11-:41-44		М	:	1:	305	Feet Fr	om The	s	line and		1301	Feet From Th	ne W Line
	Unit Let	ter _	191							-				
	Section	16				Township	17S			Range	3	3E	NMPM	Lea county ·
Date Spudded	Section		11. Date	T.D. Reach	ed			(Ready to Prod	(.)		ions (DF, RKE	, RT, GR, etc.)		14. Elev. Casinghead
04/97				12/11/97				01/19/9				4189GR		4204KB
Total Depth			16.	Plug Back T	r.D.		17. If N	luttipie Comp. H	ow Many Zone	rs?	18. Intervals		Rotary Took	s Cable Tools
950			# T -	Domain N		4900					Drilled By		All 20 Was Dire	ection Survey Made
Producing Interva	ak(s), or th	nis comple	etion - lo			1412 GB	4524	-4816 SA						yes
Type Electric and	Other Lo	ogs Run			4240	14 12 GD	, 7027	4010 0/1				22. Was Well C	ored	,
		•	G	R-CDL-C	NL-CA	AL, DLL-	MLL, G	R-CBL						No
				C	ASII	NG R	ECC	ORD (R	eport a			in well)		
CASING SIZE WEIG			IGHT L	HT LB./FT. DEPTH S						CEMENTING RECORD				AMOUNT PULLE
8 5/8 24				558			12 1/4		450 sx -Circ 90 sx 1463 sx				none	
5 1/2		17			4	1950	ļ	7 7/8	ļ ——		1463	SX		none
		 	-		-		+							
					1		_							
		1				RECORD					25.			
				LIN	ER RE	CORD							TUBING F	
SIZE	TO	OP	ВО	LINI		CORD	IENT	SCR	EEN	5	SIZE	DEP	TUBING F TH SET	PACKER SET
SIZE	ТС	OP	ВО				MENT	SCR	EEN	5	7/8			
				MOTTO			MENT		ĒĒN	2	7/8	DEP*	TH SET	PACKER SET none
Perforation Reco	ord (interv	val, siz, ar		MOTTO			MENT	SCR 27. DEPTH II		ACID, S	7/8 HOT, FRA	4740 4740 ACTURE, CE	MENT, SO	PACKER SET none QUEEZE, ETC. IATERIAL USED
Perforation Recc 48-4412, 0.4	ord (inter	val, siz, ar bles		MOTTO			MENT	27. DEPTH II 4524-4816	NTERVAL	ACID, S	7/8 HOT, FRA A 000gls 15%	4740 ACTURE, CE MOUNT AND	MENT, SOKIND OF M	PACKER SET none QUEEZE, ETC. IATERIAL USED gel, 5000# 20/40
Perforation Recc 48-4412, 0.4	ord (inter	val, siz, ar bles		MOTTO			MENT	27. DEPTH II	NTERVAL	ACID, S acid: 30 acid: 25	7/8 HOT, FRA A 200gls 15% 500gls 15%	4740 ACTURE, CE MOUNT AND	MENT, SOKIND OF M	PACKER SET none QUEEZE, ETC. IATERIAL USED
Perforation Reco	ord (inter	val, siz, ar bles		MOTTO			MENT	27. DEPTH II 4524-4816	NTERVAL	ACID, S acid: 30 acid: 25	7/8 HOT, FRA A 000gls 15%	4740 ACTURE, CE MOUNT AND	MENT, SOKIND OF M	PACKER SET none QUEEZE, ETC. IATERIAL USED gel, 5000# 20/40
Perforation Recc 48-4412, 0.4	ord (inter	val, siz, ar bles		MOTTO			MENT	27. DEPTH IN 4524-4816 4248-4412	NTERVAL	ACID, S acid: 30 acid: 25 & 2500	7/8 HOT, FRA A 200gls 15% 500gls 15%	4740 ACTURE, CE MOUNT AND	MENT, SOKIND OF M	PACKER SET none QUEEZE, ETC. IATERIAL USED gel, 5000# 20/40
Perforation Reco 48-4412, 0.4 24-4816, 0.4	ord (interv ", 21ho ", 16 ho	val, siz, ar bles	nd numbe	er)	SA	CKS CEM		27. DEPTH II 4524-4816 4248-4412	NTERVAL RODUC	ACID, S acid: 30 acid: 25 & 2500	7/8 HOT, FRA A 200gls 15% 500gls 15%	4740 ACTURE, CE MOUNT AND	MENT, SOKIND OF M	PACKER SET none QUEEZE, ETC. IATERIAL USED igel, 5000# 20/40 igel, 75000# 20/40
Perforation Rect 48-4412, 0.4 24-4816, 0.4	ord (interv ", 21ho ", 16 ho	val, siz, ar bles	nd numbe	MOTTO	SA	CKS CEM	gas lift, į	27. DEPTH II 4524-4816 4248-4412 P	NTERVAL RODUC	ACID, S acid: 30 acid: 25 & 2500	7/8 HOT, FRA A 200gls 15% 500gls 15%	4740 ACTURE, CE MOUNT AND	MENT, SC KIND OF M : 14800gls : 73000gls	PACKER SET none QUEEZE, ETC. IATERIAL USED igel, 5000# 20/40 igel, 75000# 20/40
Perforation Rect 48-4412, 0.4 24-4816, 0.4 e First Production (19/98	ord (interv ", 21ho ", 16 ho	val, siz, ar oles oles	nd numbe	er)	SAI	CKS CEN	gas lift, į	27. DEPTH II 4524-4816 4248-4412	NTERVAL RODUC	ACID, S acid: 30 acid: 25 & 2500 TTION)	7/8 HOT, FRA A 200gls 15% 500gls 15%	4740 ACTURE, CE MOUNT AND 6 NEFE, frac	MENT, SC KIND OF M 14800gls 73000gls	PACKER SET none QUEEZE, ETC. IATERIAL USED igel, 5000# 20/40 igel, 75000# 20/40 (Prod. or Shul-In)
Perforation Rect 48-4412, 0.4 24-4816, 0.4 e First Production (19/98 e of Test	ord (interv ", 21ho ", 16 ho	val, siz, ar bles	nd numbe	er)	SAI	(Flowing,	gas int. p	27. DEPTH II 4524-4816 4248-4412 P	RODUC and type pump x 1 1/2" x	ACID, S acid: 30 acid: 25 & 2500 TTION)	7/8 HOT, FRA A 000gls 15% 500gls 15% 0# 16/30.	DEP 4740 ACTURE, CE MOUNT AND NEFE, frac: NEFE, frac: Water 80	MENT, SC KIND OF M 14800gls 73000gls Well Status	PACKER SET none QUEEZE, ETC. IATERIAL USED gel, 5000# 20/40 gel, 75000# 20/40 (Prod. or Shut-In) prod Gas - Oil Ratio 346
Perforation Recu 18-4412, 0.4 24-4816, 0.4 e First Production 19/98 e of Test 22/98	ord (interv ", 21ho ", 16 ho	val, siz, ar oles oles Hours T	nd numbe	oduction Meti	SA((Flowing,	gas int., p pun d For	27. DEPTH II 4524-4816 4248-4412 Proumping - Size a nping 2 1/2** 24 Oil- Bbl	RODUC and type pump x 1 1/2" x Oil - Bbi 26 Gas -	ACID, S acid: 30 acid: 25 & 2500 CTION Gar	7/8 HOT, FRA A 000gls 15% 500gls 15% 0# 16/30.	DEP 4740 ACTURE, CE MOUNT AND NEFE, frac: NEFE, frac: Water 80 ter - Bbl	MENT, SC KIND OF M 14800gls 73000gls Well Status	PACKER SET none QUEEZE, ETC. IATERIAL USED gel, 5000# 20/40 gel, 75000# 20/40 (Prod. or Shut-In) prod Gas - Oil Ratio 346
Perforation Reco 48-4412, 0.4 24-4816, 0.4 e First Production (19/98 e of Test (22/98 v Tubing Press	7, 21ho	Hours T	Prossure	oduction Meti	SA4	(Flowing,	gas int., p pun d For	27. DEPTH II 4524-4816 4248-4412 Proumping - Size a nping 2 1/2*	RODUC and type pump x 1 1/2" x Oil - Bbi 26	ACID, S acid: 30 acid: 25 & 2500 CTION Gar	7/8 HOT, FRA A 000gls 15% 500gls 15% 0# 16/30.	DEP 4740 ACTURE, CE MOUNT AND NEFE, frac: NEFE, frac: Water 80	MENT, SC KIND OF M 14800gls 73000gls Well Status - Bbi Oil Gravity - 36.1	PACKER SET none QUEEZE, ETC. IATERIAL USED gel, 5000# 20/40 gel, 75000# 20/40 (Prod. or Shut-In) prod Gas - Oil Ratio 346
Perforation Reco 48-4412, 0.4 24-4816, 0.4 e First Production (19/98 e of Test (22/98 v Tubing Press	7, 21ho	Hours T	Prossure	oduction Meti	SAA	(Flowing, Pro Tes	gas lift, p pur d For d Period	27. DEPTH II 4524-4816 4248-4412 Proumping - Size a nping 2 1/2** 24 Oil- Bbl	RODUC and type pump x 1 1/2" x Oil - Bbi 26 Ges -	ACID, S acid: 30 acid: 25 & 2500 CTION Gar	7/8 HOT, FRA A 000gls 15% 500gls 15% 0# 16/30.	DEP 4740 ACTURE, CE MOUNT AND NEFE, frac: NEFE, frac: Water 80 ter - 8bi 80	MENT, SC KIND OF M 14800gls 73000gls Well Status - Bbi Oil Gravity - 36.1 By	PACKER SET none QUEEZE, ETC. IATERIAL USED gel, 5000# 20/40 gel, 75000# 20/40 (Prod. or Shut-In) prod Gas - Oil Ratio 346
Perforation Recc 48-4412, 0.4 24-4816, 0.4 e First Production /19/98 e of Test /22/98 w Tubing Press	ord (inter- ", 21ho ", 16 ho	Hours T	Prossure	oduction Meti	SAA	(Flowing,	gas lift, p pur d For d Period	27. DEPTH II 4524-4816 4248-4412 Proumping - Size a nping 2 1/2** 24 Oil- Bbl	RODUC and type pump x 1 1/2" x Oil - Bbi 26 Ges -	ACID, S acid: 30 acid: 25 & 2500 CTION Gar	7/8 HOT, FRA A 000gls 15% 500gls 15% 0# 16/30.	DEP 4740 ACTURE, CE MOUNT AND NEFE, frac: NEFE, frac: Water 80 ter - 8bi 80	MENT, SC KIND OF M 14800gls 73000gls Well Status - Bbi Oil Gravity - 36.1 By	PACKER SET none QUEEZE, ETC. IATERIAL USED gel, 5000# 20/40 gel, 75000# 20/40 (Prod. or Shut-In) prod Gas - Oil Ratio 346 API - (Corr)
Perforation Record 48-4412, 0.4' 24-4816, 0.4' 24-4816 te First Production /19/98 te of Test /22/98 w Tubing Press Disposition of Gusta Attachments	ord (intensity, 21ho	Hours T 24 Casing I	Pressure	oduction Meti Choke Siz	SAI	(Flowing, Pro Tesated 24- Rate d to GPI	gas lift, p pur d For at Period	27. DEPTH II 4524-4816 4248-4412 P pumping - Size a nping 2 1/2* Oil - Bbl 26	RODUC and type pump x x 1 1/2" x Oil - Bbb 26 Gas - 9	ACID, S acid: 30 acid: 25 & 2500 CTION Gar	7/8 HOT, FRA A 000gls 15% 500gls 15% 00# 16/30.	DEP 4740 ACTURE, CE MOUNT AND NEFE, frac: NEFE, frac: Water 80 ter - 8bi 80	MENT, SC KIND OF M 14800gls 73000gls Well Status - Bbi Oil Gravity - 36.1 By	PACKER SET none QUEEZE, ETC. IATERIAL USED gel, 5000# 20/40 gel, 75000# 20/40 (Prod. or Shut-In) prod Gas - Oil Ratio 346 API - (Corr)
SIZE Perforation Rect. 148-4412, 0.4 24-4816, 0.4 te First Production /19/98 te of Test //22/98 w Tubing Press Disposition of G List Attachments	ord (intensity, 21ho	Hours T 24 Casing I	Pressure	oduction Meti Choke Siz	SAI	(Flowing, Pro Tesated 24- Rate d to GPI	gas lift, p pur d For at Period	27. DEPTH II 4524-4816 4248-4412 P pumping - Size a nping 2 1/2* Oil - Bbl 26	RODUC and type pump x x 1 1/2" x Oil - Bbb 26 Gas - 9	ACID, S acid: 30 acid: 25 & 2500 CTION Gar	7/8 HOT, FRA A 000gls 15% 500gls 15% 00# 16/30.	DEP 4740 ACTURE, CE MOUNT AND NEFE, frac: NEFE, frac: Water 80 ter - 8bi 80	MENT, SC KIND OF M 14800gls 73000gls Well Status - Bbi Oil Gravity - 36.1 By	PACKER SET none QUEEZE, ETC. IATERIAL USED gel, 5000# 20/40 gel, 75000# 20/40 (Prod. or Shut-In) prod Gas - Oil Ratio 346 API - (Corr)
Perforation Rect 48-4412, 0.4 24-4816, 0.4 te First Production /19/98 te of Test /22/98 w Tubing Press Disposition of G List Attachments	ord (intensity, 21ho	Hours T 24 Casing I	Pressure	oduction Meti Choke Siz	SAI	(Flowing, Pro Tesated 24- Rate d to GPI	gas int. p pur d For at Period	27. DEPTH II 4524-4816 4248-4412 P pumping - Size a nping 2 1/2* 24 Oil - Bbl 26 Den hole log d complete to the	RODUC and type pump x x 1 1/2" x Oil - Bbb 26 Gas - 9	ACID, S acid: 30 acid: 25 & 2500 CTION Gar	7/8 HOT, FRA A 000gls 15% 500gls 15% 00# 16/30.	DEP 4740 ACTURE, CE MOUNT AND NEFE, frac: NEFE, frac: Water 80 ter - 8bi 80	MENT, SC KIND OF M 14800gls 73000gls Well Status - Bbi Oil Gravity - 36.1 By	PACKER SET none QUEEZE, ETC. IATERIAL USED gel, 5000# 20/40 gel, 75000# 20/40 (Prod. or Shut-In) prod Gas - Oil Ratio 346 API - (Corr)
Perforation Rect 48-4412, 0.4 24-4816, 0.4 24-4816 o.4 24-4816 o.4 24-4816 o.4 25-25-25-25-25-25-25-25-25-25-25-25-25-2	ord (intensity, 21ho	Hours T 24 Casing I	Pressure	oduction Meti Choke Siz	SAI	(Flowing, Pro Tesated 24- Rate d to GPI	gas lift, p pur d For at Period	27. DEPTH II 4524-4816 4248-4412 P pumping - Size a nping 2 1/2* 24 Oil - Bbl 26 Den hole log d complete to the	RODUC and type pump x 1 1/2" x Oil - Bbb 26 Gas - 9	ACID, S acid: 30 acid: 25 & 2500 CTION Gar	7/8 HOT, FRA A 000gls 15% 500gls 15% 00# 16/30. s - MCF 9 Wa 299 d belief.	DEP 4740 ACTURE, CE MOUNT AND NEFE, frac: NEFE, frac: Water 80 ter - 8bi 80	MENT, SC KIND OF M 14800gls 73000gls Well Status - Bbi Oil Gravity - 36.1 By	PACKER SET none QUEEZE, ETC. IATERIAL USED gel, 5000# 20/40 gel, 75000# 20/40 (Prod. or Shut-In) prod Gas - Oil Ratio 346 API - (Corr)

