Form 3160-4" (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR PLIPE ALL OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires March 31, 2007

		DOIGEN	U OI DAI		GEMENT					i				
WELL	. COMP	LETION	OR REC	OMPLET	ON REP	ORT AN	ND LOG	i		5. Lease S	erial No.			
of Well	Oil We	ell X Gas	Well	Dry	Other		· · · · · · · · · · · · · · · · · · ·			6. If India	n, Allotee o	or Tribe Name		
of Completion:		New Wel		rk Over	Deepen	Ph	ug Back	X D	iff.Resvr,.	l l	-	ment Name and No.		
f Operator												Vell No		
•														
S						3a. Pho	ne No. (i.	nclude	area code)			A4 17-LLI		
armington	Ave.,	Bloky, K.	Ste 1	<u> Parmin</u>	qton, NM	<u> </u>		24-10	90	30-04	45-25246	5		
n of Well (Repo	ort locatio	on clearly a	nd in accord	dance with	Federai requ	uirements)	1#							
^{ce} 790' I	ANL & J	L040' PE	L											
At top prod, interval reported below										Survey	Survey or Area SBC. 1A-27N-R13W			
depth										1		13. State		
	15. Da	te T.D. Res	ched		16. Date	e Complete	ed					NM. RKB, RT, GL)*		
•					🗀 t) & A	X	Ready	to Prod.					
1/81	1/	/4/82				8/13/0	6			5791'	ŒL			
Depth: MD	61	1001	19. Plug B			2117	,	20. 1	Depth Bridg	e Plug Set:	MD TVD			
	Maska	ical Lore Di	in (Cubmit					12 19	مر الدين م			inhant pachiais		
HECIFIC & Other	iviecnani	rai rogs Ki	ա (շոգոյա	copy or eac	ny		[<u></u>	iubmit analysis) Submit report		
							1					es (Submit copy)		
and Liner Reco	ord (Repo	rt all string	s set in well	0	25 .					يمي -				
				· · · · · · · · · · · · · · · · · · ·						Cesne	nt Top*	Amount Pulled		
		, 10p (N			Depth			ment	(BBL)			, modern , sales		
4-1/2"	LU.SA	F	- 60	198.			1100				<u> </u>			
														
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		+												
Record											1	_		
	un) I	De altre Desait	(140)	Cina	Danth Sal (MOV I	Danker Dan	·k /kAD	Ci	Doneh	Sar (MID)	Dealing Death (MD)		
Depth Set (MD) F	Packer Depth	(MD)	Size	Depth Set (MD) F	Packer Dep	oth (MD)) Size	Depth	Set (MD)	Packer Depth (MD)		
Depth Set (1	MD) F	Packer Depth	(MD)		Depth Set (oth (MD)) Size	Depth	Set (MD)	Packer Depth (MD)		
Depth Set (MD) F	Packer Depth			26. Perfora		rd	oth (MD)	Size	Depth No Holes	Set (MD)	Packer Depth (MD) Perf. Status		
Depth Set (I 1568* ting Intervals Formation		Тор	В		26. Perfora Perf	tion Recor	rd rval		Size	No Holes	Set (MD)			
Depth Set (1 1568* ting Intervals			В	ottom	26. Perfora Perf	tion Reco	rd rval				Set (MD)			
Depth Set (I 1568* ting Intervals Formation		Тор	В	ottom	26. Perfora Perf	tion Recor	rd rval		Size	No Holes	Set (MD)			
Depth Set (I 1568* ting Intervals Formation		Тор	В	ottom	26. Perfora Perf	tion Recor	rd rval		Size	No Holes	Set (MD)			
Depth Set (I 1568* ting Intervals Formation	IFFS	Top 1419	B 1.	ottom	26. Perfora Perf	tion Recor	rd rval		Size	No Holes	Set (MD)			
Depth Set (I 1568 ing Intervals Formation	IFFS	Top 1419	B 1.	ottom	26. Perfora Perf	tion Recor	rd rval		Size	No Holes	Set (MD)			
Depth Set (I 1568 ing Intervals Formation CTURED CL.	r PF S	Top 1419 nent Squeez	B 1-	4951	26. Perfora Perf 1419	tion Recor forated Inter	rd rval .95 '	Type of 8	Size D.48"	No Holes 33				
Depth Set (I 1568* ing Intervals Formation CTURED CL. Fracture, Treatn Depth Interval	r PF S	Top 1419 ent Squeeze	B 1.	495'	26. Perfora Perf 1415	tion Recorded Inter	rd rval 95' rount and 7	Type of 8	Size D.48" Material 5,835 gr	No Holes 33	2 foamed	Perf. Status Perf. Status		
Depth Set (I 1568* ing Intervals Formation CTURED CL. Fracture, Treatn Depth Interval	r PF S	Top 1419 ent Squeez A. w ultr	B 1.	495'	26. Perfora Perf 1415	tion Recorded Inter	rd rval 95' rount and 7	Type of 8	Size D.48" Material 5,835 gr	No Holes 33	2 foamed	Perf. Status Perf. Status		
Depth Set (I 1568* ing Intervals Formation CTURED CL. Fracture, Treatn Depth Interval	r PF S	Top 1419 ent Squeez A. w ultr	B 1.	495'	26. Perfora Perf 1415	tion Recorded Inter	rd rval 95' rount and 7	Type of 8	Size D.48" Material 5,835 gr	No Holes 33	2 foamed	Perf. Status Perf. Status		
Depth Set (I 1568' sing Intervals Formation CTURED CT. Fracture, Treath Depth Interval 9' - 1495' son - Interval A	LPFS nent, Cem	Top 1419 nent Squeeze A. w ultr 16/3	e, Etc. /1000 gg	els 15%	26. Perfora Perf 1419 FR HC1 a	tion Reconorated Inter	rount and 7 Frac'd	Type of 6 1 w/4:	Size 0.48" Material 5,835 ga 6/30 Bres	No Holes 33 als 700 N2 ady sd fol	2 foamed	Perf. Status Perf. Status		
Depth Set (1) 1568' ing Intervals Formation CTURED CT. Fracture, Treatin Depth Interval 9' - 1495'	r PF S	Top 1419 ent Squeez A. w ultr	e, Etc. /1000 gaa-low po	495'	26. Perfora Perf 1415	tion Recorded Inter	rd rval 95' rount and 7 Frac'd roug 5580	Type of 8	Size 0.48" Material 5,835 ga 6/30 Bres	No Holes 33	2 foamed	Perf. Status R Delta 140 by 27000#		
Depth Set (1 1568' ing Intervals Formation CTURED CT. Fracture, Treatm Depth Interval 9' - 1495' ion - Interval A Test Date 8/13/06 Tbg Press.	Hours Tested 24	Top 1419 ent Squeez A. W ultr 16/3	e, Etc.	Gas MCF O Gas	Perfora Perf 1415 FE HC1 a L foam o	Am Acid. Carryin Oil Gravity Gas: Oil	rount and 7 Frac'd oug 5580	Type of N 1 w/4:	Size D.48" Material 5,835 ga 6/30 Bra	No Holes 33 als 700 N2 ady sd fol	2 foamed	Perf. Status R Delta 140 by 27000#		
Depth Set (I 1568* Ing Intervals Formation CTURED CL. Fracture, Treath Depth Interval 9* - 1495* ion - Interval A Test Date 8/13/06	Hours Tested	Top 1419 ent Squeeze A. w ultr 16/3	e, Etc.	als 15% olymer X	PE HC1 a Water BBL 29	tion Recording of the Amacid. Onl Gravity	rount and 7 Frac'd oug 5580	Type of N 1 w/4: OO# 10 Gas Gravity Well State	Size D.48" Material 5,835 ga 6/30 Bra	No Holes 33 als 700 N2 ady sd fol	2 foamed	Perf. Status R Delta 140 by 27000#		
Depth Set (1) 1568* ing Intervals Formation CTURED CL. Fracture, Treatm Depth Interval 9* - 1495* ion - Interval A Test Date 8/13/06 Tbg Press Flwg.	Hours Tested 24 Csg. Press	Top 1419 ent Squeez A. W ultr 16/3	e, Etc. /1000 gc a-low pc 0 SLC.	Gas MCF Gas MCF	Perfora Perf 1419 FB HC1 a L foam a Water BBL 29 Water BBL BBL	Am Acid. Carryin Oil Gravity Gas: Oil	rount and 7 Frac'd oug 5580	Type of N 1 w/4: OO# 10 Gas Gravity Well State	Size D.48" Material 5,835 gra 6/30 Brcs	No Holes 33 als 700 N2 ady sd fol	2 foamed	Perf. Status R Delta 140 by 27000#		
Depth Set (1 1568* Ing Intervals Formation CTURED CI. Fracture, Treatm Depth Interval 9' - 1495* Interval A Test Date 8/13/06 Tbg Press, Flwg. SI 0	Hours Tested 24 Csg. Press	Top 1419 ent Squeez A. W ultr 16/3	e, Etc. /1000 gaa-low po 0 SLC. Oil BBL 0 Oil BBL 0 Oil	Gas MCF Gas MCF	PR HCl a L foam o Water BBL 29 Water BBL 29 Water BBL 29	Am Acid. Carryin Oil Gravity Gas: Oil	rount and T	Type of N 1 w/4: OO# 10 Gas Gravity Well State	Size D.48" Material 5,835 gz 6/30 Brea	No Holes 33 als 700 N2 ady sd fol	2 foamed	Perf. Status I Delta 140 by 27000#		
Depth Set (1 1568' ing Intervals Formation CTURED CT. Fracture, Treath Depth Interval 9' - 1495' ion - Interval A Test Date 8/13/06 Tbg Press, Flwg. SI 0 ion-Interval B Test Date	Hours Tested Csg. Press O	Test Production	c, Etc. /1000 gc a-low px 0 SLC. Oil BBL 0	Gas MCF O Gas MCF	PE HC1 a Water BBL 29 Water BBL 29	Am Acid. Carryin Oil Gravity Gas: Oil Ratio	rount and T Frac'd og 5580	Type of 8 1 w/4! 00# 1 Gas Gravity Well State Gravity	Size D.48" Material 5,835 ga 6/30 Brz	No Holes 33 als 700 N2 ady sd fol	PUMP)	Perf. Status I Delta 140 by 27000#		
Depth Set (I 1568* ing Intervals Formation CTURED CL. Fracture, Treath Depth Interval 9* - 1495* ion - Interval A Test Date 8/13/06 Tbg Press, Flwg. SJ 0 ion-Interval B Test Date Test Date Test Date Flow.	Hours Tested 24 Csg. Press 0	Top 1419 ent Squeez A. w ultr 16/3 Test Production	e, Etc. /1000 gaa-low po 0 SLC. Oil BBL 0 Oil BBL 0 Oil	Gas MCF O Gas	PE HCl a Water BBL 29 Water BBL 29 Water BBL Water BBL Water BBL Water BBL	Am Acid. Carryin Gas: Oil Ratio	rount and T Frac'd og 5580	Type of N 4 100# 100# 100# 100# 100# 100# 100# 10	Size D.48" Material 5,835 ga 6/30 Brz	No Holes 33 als 700 N2 ady sd fol	2 foamed 1 pump	Perf. Status R Delta 140 by 27000# SEP 2006		
Depth Set (I 1568* ing Intervals Formation CCTURED CL. Fracture, Treatn Depth Interval 9* - 1495* ion - Interval A Test Date 8/13/06 Tbg Press, Flwg. SI 0 ion-Interval B Test Date Test Date Tog. Tog. Tog. Tog. Tog. Tog. Tog. Tog.	Hours Tested 24 Csg. Press 0	Test Production Test Production Test Production 24 Hr.	e, Etc. /1000 gaa-low po 0 SLC. Oil BBL 0 Oil BBL 0 Oil BBL	Gas MCF O Gas MCF Gas	PE HCl a Water BBL 29 Water BBL 29 Water BBL Water BBL Water BBL Water BBL	tion Record or aled Interpretation and Interpretati	rount and T Frac'd G W	Type of Nation 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Size D.48" Material 5,835 gra 6/30 Brea Prod Prod Prod	No Holes 33 als 700 N2 ady sd fol	e foamed lowed b	Perf. Status I Delta 140 by 27000#		
Depth Set (I 1568* ing Intervals Formation CTURED CL. Fracture, Treath Depth Interval 9 1495* ion - Interval A Test Date 8/13/06 Tbg Press, Flug. SJ 0 ion-Interval B Test Date Test Date Test Date SJ 0 Test Date The Press, Flug. SJ 0 Test Date The Press, Flug. SJ 0	Hours Tested 24 Csg. Press O	Test Production Test Production Test Production 24 Hr.	e, Etc. /1000 gaa-low po 0 SLC. Oil BBL 0 Oil BBL 0 Oil BBL	Gas MCF O Gas MCF Gas	PE HCl a Water BBL 29 Water BBL 29 Water BBL Water BBL Water BBL Water BBL	tion Record or aled Interpretation and Interpretati	rount and T Frac'd G W	Type of Nation 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Size D.48" Material 5,835 ga 6/30 Brz	No Holes 33 als 700 N2 ady sd fol	2 foamed 1 pump	Perf. Status R Delta 140 by 27000# SEP 2006		
	of Well of Completion: of Operator excry Inc. s armirecton n of Well (Repe ce 790' I rod. interval rep depth pudded 1/81 Depth: MD TVD Electric & Other and Liner Reco Size/Grade 8-5/8" 4-1/2"	of Well Oil We of Completion: Or	of Well Oil Well X Gas of Completion: Other of Operator excry Inc. s armineten Ave., Bldg. K n of Well (Report location clearly acce 790' FNL & 1040' FE rod. interval reported below depth pudded 15. Date T.D. Res 1/81 1/4/82 Depth: MD 5100' TVD Electric & Other Mechanical Logs Ri and Liner Record (Report all string Size/Grade Wi.(#fl.) Top (N 8-5/8" 24# 4-1/2" 10.5#	of Well Oil Well X Gas Well Of Completion: New Well Wood Other of Operator Other of Ope	of Well Oil Well X Gas Well Dry of Completion: Other Other Of Operator or Cry Inc. S arminerton Ave., Bldg. K. Ste 1 Farmin of Well (Report location clearly and in accordance with acc	of Well Oil Well X Gas Well Dry Other of Completion: New Well Work Over Deepen Other of Operator ercty Inc. s armington Ave., Bldg. K. Ste 1 Parmington, No n of Well (Report location clearly and in accordance with Federal regi ce 790' FNL & 1040' PEL rod. interval reported below depth pudded 15. Date T.D. Reached 16. Date 1/81 1/4/82 Depth: MD 5100' 19. Plug Back T.D.: MD TVD Electric & Other Mechanical Logs Run (Submit copy of each) and Liner Record (Report all strings set in well) Size/Grade Wi.(#fl.) Top (MD) Bottom (MD) Stage Ceme Depth 8-5/8" 24# 300' 4-1/2" 10.5# 5098'	of Well Oil Well X Gas Well Dry Other Of Completion: New Well Work Over Deepen Pl Other Oth	of Well Oil Well Gas Well Dry Other of Completion: New Well Work Over Deepen Plug Back Other of Operator orgy Inc. s armington Ave., Bldg. K. Ste 1 Parmington, IM 505-3 on of Well (Report location clearly and in accordance with Federal requirements)* oe 790' FNL & 1040' PEL rod. interval reported below depth pudded 15. Date T.D. Reached 16. Date Completed D&A X 1/81 1/4/82 8/13/06 Depth: MD 5100' 19. Plug Back T.D.: MD 2117' TVD 19. Plug Back T.D.: MD 2117' TVD 19. Stage Cementer TVD and Liner Record (Report all strings set in well) Size/Grade WL(#fl.) Top (MD) Bottom (MD) Stage Cementer Depth Type of Ce 8-5/8" 24# 300' 300 4-1/2" 10.5# 6098' 1160	Other Ot	of Well Oil Well	WELL COMPLETION OR RECOMPLETION REPORT AND LOG of Well Oil Well Gas Well Dry Other of Completion: New Well Work Over Deepen Plug Back X Diff.Resvr Other 7. Unit or 1408(8. Lease No. 2007) That. Sarphy Inc Sarphy Inc	### WELL COMPLETION OR RECOMPLETION REPORT AND LUG Of Well		

	ion - Interva	ıc									
ate First oduced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method		
ioke ze	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Sta	tus		
c. Product	tion-Interval	Q									
nte First oduced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method		
noke ze	Tbg. Press. Flwg SI	Csg. Press.	24 Hr.	BBL Oil	Gas MCF	Water BBL	Gas. Oil Ratio	Well Sta	tus		
. Dispositi	ion of Gas (Sc	old, used for	fuel, vented, et	c.)		TO BE	SOLD				
. Summai	ry of Porous	Zones (Inc	lude Aquifers):					31. Fo	rmation (Log) Markers		
tests, ir	ill important ncluding de es and recov	pth interval	orosity and co tested, cush.	ntents ti ion used	nereof: Co I, time to	ored intervention open, i	als and all drill-s flowing and shu	t-in			
Forniation		Top Bottom			Descr	iptions, Co	ontents, etc.		Name Top Meas Depth		
								FRUIT	TLAND	8931	
								PICT	JREO CLIFFS	1304'	
								MRSAV	FRDE	2230	
								GALLI	IP 9IL	4961'	
								GRANI	OUS DAKOTA	60121	
	1							DARO	ra.	6012,	
								700		6100+	
Addition	nal remarks (include plug	ging procedur	e);							
										SEP 2016 (A) C)	
			tached by placi	ing a che				and the same of th		(C) 1 120. 3	
=			full set req'd) d cement verifi	cation [=	gic Report Analysis	t DST Re	port Di	rectional Survey	Carried St.	
I hereby	certify that t	he foregoin	g and attached	informat	ion is com	plete and c	orrect as determi	ned from all av	ailable records (see attac	hed instructions)*	
N amc (ple	ease print)	LORRI I	BINGHAM	<u> </u>				itic <u>REGUI</u>	LATORY COMPLIANC	E TECH	
Signature		for	DAG	Day	Lai	ù	[Date <u>9/6/(</u>	06		
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