LED STATES DEPARTA . I OF THE INTERIOR BUREAU OF LAND MANAGEMENT

UII Cons. N.M. DIV Pist. 2 1301 W. Gra., J Avenue ORM APPROVED Artesia, NM 88210 OMB NO. 1004-0137 Artesia, NM 88210 Expires: November 30, 2000

c15F

W	ELL COM	IPLET	LION	₹ OR	REC	OMPLE	TION	REPO!	RT A	AND LO	G	5. Lease S	erial No.			
													NMNN	1 - 103604		
la. Type o		o	il Well	-	Gas V		Dry	Other			7 <u></u>	6. If India	n, Allottee or Tr	ibe Name		
b. Type o	f Completion:	Oth	_	w Well	'لـــا ـــــــــــــــــــــــــــــــــ	WorkOver	X De	epen X	Plug	456>	Diff Resvr.	7. Unit or	CA Agreement	Name and No.		
2. Name o	-	_						13	<u> </u>	<u>~</u>	lo in the last of					
	KUKU							ွာ်	7	ഫ്ര	3		Name and Well 1			
3. Addres					10		3a	(1 W	. (incli	ude area coa	D 13141516 11	<u> </u>	<u></u>	35 Federal #1		
		nd, Te			,			୍ଷ	91 اعو	5-68 2-63 CM	1 2	9. API W				
4. Locatio	on Of Well (Rep	port loc	ation c	clearly	and in	accordance	with Fe	rd en al requ	uireme OCO	intspik	35/	10 10 11		5-31096		
At surf	ace 2.180'	FW[& 66(o FSL	Sec	35 - T23S	- R29		000		67	10. Field at	nd Pool, or Expl	•		
/ 16 Liquid	2,200	1 11	DE 000	J & No.	1 000	JJ - 1202	~ http:	ح ٢٠٪	ر. در	~ Ordi	3/	N 11 Sec. T		laware, Southwest		
At top	prod. Interval r	enorted	below	v				٠.,٠	13	113025		11. 500., 1.		ck and Survey or Area		
	prou	openin		,								12. County		- 23S - 29E		
At total	depth											The County	or Parish 13 Eddy	New Mexico		
14. Date Sp			15.	Date T	D. Rea	ıched		te Comple		,			ons (DF, RKB, I			
	4/28/2000				6/09/2			D&A		Ready to Pr			3,10	00' GL		
18. Total D	•	11,593'	DPM	19. Pl	ug Back	T.D.: MD		330'	20.	Depth Bridg	ge Plug Set: M	•				
	TVD				(Cl-	TVI		 T		377		VD				
• •	lectric & Other			_	-				22.	Was well co		X No	=	nit analysis)		
	(Delaware) D		FL-GF	R & CN	L-LDT-	GR (Bone S	pring)			Was DST n		_	No X Yes (Submit report)			
SD-NL (Wo		BL								Directional	Survey?	X No	Yes (Subn	nit copy)		
23. Casing	and Liner Reco	ord (Rep	ort al	l string	s set in	well)		Stage Cen	tar	T No.	of Sks. &	Slurry Vol.		1		
Hole Size	Size/Grad	de V	Vt. (#/f	n.) To	op (MD) Bottom	(MD)	Tool De		i	i I		Cement Top*	Amount Pulled		
17 1/2"	13 3/8" J-5		54.5		surface		`	100.200			s. Class C	(Bbls.)	surface	1 25510 0000 1 0000		
12 1/4"	9 5/8" K-5		36.0		surface		50'			1,000 sks. Class C		354	surface			
8 3/4"	7" P-110		26.0	-	surface		10,609' 7,1					242	5,350' (CBL)			
6 1/8"	4 1/2" P-110	-	13.5	+	10,512'	11,5	71	<u> </u>		150 sks. Class H		25	10,512'			
		士		工		1										
24. Tubing		<u> </u>		<u> </u>	1.04	-J 0:-		1.0+/	- 45/	D -11	- 1 2 (D)	T 0:	In 10.00	-1 -5 -d (1/D)		
Size 2-7/8"	Depth Set (N 6,618		Pac	cker De	epth (M	D) Size	; L	epth Set (MD)	Packer I	Depth (MD)	Size	Depth Set (MD	Packer Depth (MD)		
	ing Intervals	<u></u>					26. Pe	rforation F	Record	<u> </u>		L	L	<u></u>		
	Formation				op	Bottom		Perforated Interval Size No. Hole								
A) Lower Brushy - Avion B) Upper Brushy - H.B.			\longrightarrow	6400 6420 5874 5890		6400' - 6420' 5874' - 5890'			0.42	80 64		Computalog 12/11/2001 Computalog 1/12/2002				
C)	Opper Brushy	- 11.D.			+	3070	<u></u>	374 - 3020		0.42	04		Сотрига	log 1/12/2002		
D)													Y			
	racture, Treatn		ment S	Squeeze	e, Etc.	-				177 (1)	6			A 20 1		
	Depth Interval		-			-		Am	iount a	and Type of N	Material					
													0			
20 D	· · · · · ·												7 8			
Date First	tion - Interval A	Hours	sT	Test	Oil	Gas	Water	Oil Gravit	tvl	Gas	Production N	dethod /	لاگ يا م			
Produced	Date	Teste	1	oduction			BBL	Corr. AP	1	Gravity		i i	FIB	_ (
12/23/01	12/25/01	24	上	<u></u>	2	0	250				Pump		5 V	-70 -78		
Choke Size	Tbg Press. Flwg. 125	Csg. Press			Oil BBI	1 .	Water BBL	Gas : Oil Ratio	i Wei	ll Status		177	. · · ·	် <u>ာ'</u>		
	SI 0	0	·	.c 	2	0 NICF	250	0	Test	ted non-comm	iercial	<i>b</i> .	0	<u> </u>		
	ction - Interval	7										7 :	ACCEPT	ED FOR RECORD		
Date First	Test	Hours			Oil	1 1		Oil Gravit	*	Gas	Production N	Aethod S	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			
Produced 1/21/2002	Date 1/22/02	Tester	1 1710	duction	n BBI	L MCF	BBL 299	Согт. АРІ		Gravity	Pump	R_{I}	27			
Choke	Tbg Press.	Csg.	24 I	Hr.	Oil		Water	Gas : Oil	l Wel	ll Status	li dinb		FE	B 2 8 2002		
Size	Flwg. 200	Press	1	æ	BBI	L MCF	BBL	Ratio						244		
Consideration	SI 0	5		<u></u>	3	0	299	0	Test	ing			ALEX	S C. SWOBODA		
(See instruct	ions and spaces;	jor aaan	ionai a	iaia on r	reverse s	iae)								LEUM ENGINEER		

		1.0												
	uction - Interva		T		γ				· .					
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method					
Choke Size	Tbg Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status						
	uction - Interva	7												
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Produ	action Method				
Choke Size	Tbg Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status						
29. Disposition of Gas (Sold, used for fuel, vented, etc.)														
30. Summary of Porous Zones (Include Aquifers): 31. Formation (Log) Markers														
30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof; Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.														
											Тор			
F	ormation	Тор	Bottom		D	escripti	ons, Conter	nts, etc.		Name	Meas. Depth			
32. Additi	onal remarks (include pl	ugging proce	dure):										
	eport is a su was shut-in o							ie approved 3	3160-4	dated 9/12/2001 is atta	ched)			
,, (11	VIIII V	4/10/2		anch U	. on pro									
	enclosed attack													
1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report									eport	4. Directional Survey				
5. Sun	dry Notice for	plugging	and cement	erificat	ion	6. Core	e Analysis	7. Other:						
34.I hereby	certify that the	e foregoin	g and attach	ed infor	mation is	comple	ete and correc	t as determined	from a	ll available records (see atta	ached instructions)*			
Name (Name (please print) Larry K. Strider								Title Western District Manager					
Signature XX.5tilo									Date <u>2/21/02</u>					
Title 18 U.	S.C. Section 1	001 and T	itle 43 U.S.C	C. Section	on 1212,	make it	a crime for a	ny person know	ingly a	nd willfully to make to any	department or			

of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-4

Choke

Size

open

Tbg. Press.

Flwg.

SI

Csg.

Press

150

BBLS.

45

MCF BBLS.

320

96

Ratio

installed pumping unit / Testing

2.13

UNITED STATES DEPARTMENT OF THE INTERIOR

OPERATOR'S COPY ORM APPROVED

OCT 0 8 2001

GARY GOURLEY

PETROLEUM ENGINEER

(AUGUST 1999) OMB NO. 1004-0137 KUKUI - Midland BUREAU OF LAND MANAGEMENT Expires: November 30,2000 5. Lease Serial No. WELL COMPLETION OR RECOMPLETION REPORT AND LOG NMNM - 103604 □ OilWell (Gas Well □ Dry 6. If Indian, Allottee or Tribe Name Completion: P ↑ 1 C New Well Work Over Deeper Plug Back Diff. Resvr. 3456780 7. Unit or CA Agreement Name and No. AND OFFI BUKUI Operating Company 8. Lease Name and Well No. Goodnight 35 Federal #1 Phone No linclude area (915) 687 9200 9. API Well No. 30 - 015 - 31096 4. Location of Well (Report location clearly and in accordance with Federal requirements) 10. Field and Pool, or Exploratory Sec. 35 - T235 R29E 2,180' FWL & 660' FSL Undesignated Cedar Canyon - Delaware At Surface 11. Sec., T., R., M., on Block and At top prod. interval reported below Survey or Area Sec. 35 - 23S - 29E 12. County or Parish 13. State **New Mexico** At total depth Eddv 14. Date Spudded 15. Date T.D. Reached 16. Date Completed 11/27/2000 17. Elevations (DF, RKB, RT, GL)* D&A 3,100 ' GL 4 / 28 / 2000 6/9/2000 Ready to Prod Plug Back TD: MD Total Depth: MO 11. 593' DPM 6.720 Depth Bridge Plug Set: MD 6.730 19. 20. TVD TVD □k No ☐ Yes (Submit analysis) Type Electric & Other Mechanical Logs Run (Submit copy of each) Was well cored? IL & NGRL (Delaware) DLL - MSFL - GR & CNL - LDT - GR (Bone Spring) Was DST run? □ No Yes (Submit report) □k No ☐ Yes (Submit Copy) SD - NL (Wolfcamp) CBL Directional Survey? Casing and Liner Record (Report all strings in well) Stage Cement No. of Sks. & Slurry Tool Depth Cement Top* Amount Pulled Size/Grade Top (MD) Bottom (MD) Type of Cement (Bbls.) Hole Size Wt. (#/ft.) 17 1/2" 13 3/8" J-55 470 sks. Class C 54.50 surface 581 147 surface 12 1/4" 9 5/8" K - 55 36.0 surface 3.150 1,000 sks. Class C 354 surface 8 3/4" P - 110 10, 609 1,015 sks. Class H 5,350' (CBL) surface 7,197 6 1/8" 4 1/2" P - 110 13.5 10,512 11,571 150 sks. Class H 10,512 **Tubing Record** Depth Set (MD) Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Packer Depth (MI 2 7/8 6,618 Perforation Record 25. Producing Intervals **Bottom** Perforated Interval Size No. Holes Perf. Status Formation Top 11,414' (CBL) 11,464' (CBL) 11,439' - 11,464' 2 spf .28 Schlumberger - 8 / 10 / 2000 Wolfcamp 50 **Bone Spring** 7,966' (D/N) 8,242' (D/N) 7,966' - 8,242' 4 zones .42" 128 Schlumberger - 11 / 16 / 2000 C) Lower Brushy "C' 6,740 6,778 6,740-6,778' 2 zones .42" Schlumberger - 8 / 08 / 2001 D) Lower Brushy - Herradura 6,580-6,600' 4 spf Schlumberger - 8 / 14 / 2001 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Amount and Type of Material 10,512' - 10.609' + Squeeze liner top with 50 sks. Class H (9 bbls.) Note: Volume included in section 23. Frac Bone Spring in 2 stages with 50,000 gals. WF 130 fluid and 1,389 sks. 20/40 Ottawa sand. 7,966' - 8,242' (gross int.) 6.740' - 6.778 Acidize w/1.800 gals 10% HCL 8/09/01. Frac Herradura w/17,700 gals YF130 fluid & 285 sacks 16/30 sand on 8/21/01. 6.580' - 6.600 Production - Interval A Date First Test Oil Gas Water Oil Gravity Gas Production Method Date BBLS. MCF BBLS. Corr. API Gravity Produced Production 8/11/2000 8 / 12 / 2000 10 281 0.4 58.5 0.665 Flowing ACCEPTED FOR RECORD Choke Tha. Press. Csg. 24 Hr Oil Gas Water Gas / Oil Well Status 6,300 BBLS MCF BBLS. Ratio Size Flwg. Press variable ~ 10/64 SI 7,100 3,700 60 1.686 2.4 28.146 Flowing to sales Production - Interval B 4 2001 Date First Test Oil Gas Water Oil Gravity Gas Production Method Hour Ω CT Produced Date Tested Production **BBLS** MCF BBLS Corr. API Gravity 2/01/01 2/24/01 24 45 96 320 41.6 Pumping / Flare gas 24 Hr. Oil Gas Water Gas / Oil Well Status

Date First								
8/10/01 8/12/01 8	Oil	Gas	Water	Oil Gravity	Gas		roduction Metho	od
Choke Tbg. Press. Csg. 24 Hr. Size Fiwg. Press. Rate Open Si 0 0	on BBLS.	MCF	BBLS.	Corr. API	Gravity	. [
Size Fiwg. Press. Rate Open St 0 0 0 0 0 0 0 0 0 0	0	0	10	-	-		Swab Test	
Open Si 0 0	Oil	Gas	Water	Gas / Oil	Well S	Status		
Date First Test Hours Test Produced Date Tested Producti 8/30/01 9/11/01 24 Choke Tbg. Press. Csg. 24 Hr. Size Fiwg. 140 Press. Rate Open Si 200 Disposition of Gas (Sold, use Summary of Porous Zones (Include Show all important zones of porosity and contetests. including depth interval tested, cushion upressures and recoveries. Formation Top Bottom Delaware 5,714' 5,900' 6,390' 6,790' Bone Spring 7,960' 8,280' 8,970' 9,074' Wolfcamp 11,414' 11,464' Wolfcamp 11,414' 11,464' Like reports, logs, and attachments sent to NMOC Plugged back Bone Spring interval. Tested Lowe Presently testing "Herradura" with pumping unit. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set recovered to the foregoing and attached in Name (please print) Larry in Name (please print) Lar	BBLS.	MCF	BBLS.	Ratio				
Date First Produced Date Tested Produced 8/30/01 9/11/01 24 Tested Produced 8/30/01 9/11/01 24 Tested Produced 8/30/01 9/11/01 24 Tested Produced Rook Press. Csg. 24 Hr. Size Fiwg. 140 Press. Rate Open St 200 Tested Product Press. Product Press. Rate Open St 200 Tested Pressures and recoveries. Formation Top Bottom Delaware 5,714 5,900 6,790 6,390 6,790 7,960 8,280 8,970 9,074 Tested Press. Rate Open Spring Press. Rate Open S	0	0	10	0	Plugg	ed back	c on 8/14/01	
Produced 8/30/01 9/11/01 24 Choke Tbg. Press. Csg. 24 Hr. Size Fiwg. 140 Press. Rate Open St 200 Disposition of Gas (Sold, use Summary of Porous Zones (Include Show all important zones of porosity and contestests. including depth interval tested, cushion upressures and recoveries. Formation Top Bottom Delaware 5,714 5,900 6,790 8,280 8,970 9,074 Wolfcamp 11,414 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,464 11,46								
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1. Electrical/Mechanical Logs (1 full set re 5. Sundry Notice for plugging and cemer 1. I hereby certify that the foregoing and attached in Name (please print) Larry Mechanical Logs (1 full set re Larry Mechanical Logs (1 full set re) Larry Mechanical Logs (1 full set re)	·							
5. Sundry Notice for plugging and cemer I. I hereby certify that the foregoing and attached in the second								
Name { please print } Larry b	q'd) 2.	Geolo	gic Rep	oort 3.	DST Re	eport	4. Directional S	Survey
Name { please print } Larry b	t verification	6.	Core	Analysis	7.	Other	revised wellb	ore schematic
Name (please print) Larry b				-	*-	Ĺ		
Name (please print) Larry b								
\mathcal{Q}_{ν}	nformation is	compl	ete and	correct as dete	rmined fro	om all a	vailable records (se	e attached instruction
\mathcal{Q}_{ν}								
Signature	C. Strider			Title	,	Weste	rn District Mana	ıger
Signature								-
	Stel) <u>'</u>		Date		9/	12/01	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C.	Section 1212	make	it a crim	e for any name	on knowie	alv and	willfully to make to a	ny department or

	ZZZZ ARE	TO A (1977) T.		lı lı	nstallati	on Diagi	am
(1)k	(IIIII)Pt	RATING	G COMPANY	Co	unty	State	Date
XVI		(14) AND	Ed	ldy	NM	9/5/2001	
Fld Wt	Comp	any	Well Name	PE	TD		TD
	KUKUI Oper		Goodnight 35 Fed. # 1	67	20'		
Туре	s	35-T23S-R29E	NMNM 103604	Tbg.	Csg.		Misc.
	Perforations:	6580-6600 ¹ LO	WER BRUSHY - HERRADURA		7" 26#		
Item		Descr	iption	O.D.	I.D.	Length	Depth
			KBC			0.00	20.00
<u> </u>	2 7/8" 8.7#	198 Joints	AB-IJ-3SS Tubing			6463.06	6483.0 6483.0
	7" 26#	Casing			ļ	0.00	6483.0
		Casing				0.00	6483.0
						0.00	6483.0
						0.00	6483.0
						0.00	6483.0
						0.00	6483.0
						0.00	6483.0
	3 7/0" AB 11 366 Y	V 2 7/0" Ord Eug	X-Over		İ	0.00	6483.0 6483.6
	2 7/8" AB-IJ-3SS	X 2 1/6 ord Eue	X-Over			0.00	6483.6
						0.00	6483.6
—	6485'	Tac				2.10	6485.7
						0.00	6485.7
						0.00	6485.7
						0.00	6485.7
						0.00	6485.7
!	2 7/8" 8rd Eue X	2 7/8" AB-IJ-3SS	X-Over			0.60	6486.3
			AD II 000 Table			0.00	6486.3
t	2 7/8" 8.7#	4 Joints	AB-IJ-3SS Tubing		<u> </u>	126.52 0.00	6612.8 6612.8
						0.00	6612.8
	6580-6600'	Perforations		-		0.00	6612.8
		1 011010110			-	0.00	6612.8
	2 7/8"	Seating Nipple	(Mechanical HD)	2 7/8"	1.750"	1.10	6613.9
						0.00	6613.9
		Perforated sub				4.10	6618.0
	2 7/8" E	Buliplug w/collar	•			0.50	6618.5
							<u> </u>
(53	of fill on top of plu	ug)					1
	(10' Cement) 6720'	PBTD			 		
	6730'	CIBP			-		-
_	6740-48'						
	6770-78	Perforations					
•	7177'	DV Tool				l	
	(20' Cement)						
	7880'	PBTD			ļ		
	7900'	CIBP			 -	 	-
	7966-72'	Perforations					
	7300-12	Terrorations				 	
	(6' Cement)				 		1
	8039'	PBTD					
	8045'	CIBP					
	8050-58'				<u> </u>		
	8158-72'	Perforations			<u> </u>	ļ	.
ļ	8220-42'				<u> </u>	ļ	-
	(400' Cement)				 		
	9916'	PBTD					
L	10,316'	Retainer		- 	1		1
	10,310	retainer			1		