UNITED STATE DEPARTMENT OF THE BUREAU OF LAND MAN SUBSTITUTE FORM 3160-5 (APPROVED JURGE) 1. TYPE OF WELL DEPARTMENT OF THE BUREAU OF LAND MAN SUBSTITUTE FORM 3160-5 (APPROVED JURGE)	AGEMENT Solate Sheet Washer
1. TYPE OF WELL CAR Well Oil Well X Gas Well	5. LEASE DESIGNATION AND SERIAL NO. NMNM 103604
OII Well X Gas Well 2. NAME OF OPERATOR KUKUI Operating Company	6. IF INDIAN, ALL., OR TRIBE NAME
3a. ADDRESS 601 Vestavia Parkway, Suite 2400 FC, 30 Vestavia, Alabama 35216 3b. Telephone Number (include area code) 205-823-2977	 7. IF UNIT OR CA, AGREEMENT DESIGN. 8. WELL NAME AND NO. Goodnight 35 Federal #1 9. API WELL NO. 30-015-31096
4. LOCATION OF WELL (Footage, Sec. T. R. M, or Survey Description)	10. FIELD & POOL, OR EXPLORATORY AREA Cedar Canyon-Morrow
2180' FWL & 660' FSL Sec. 35-T23S-R29E	11. COUNTY OR PARISH, STATE Eddy, New Mexico
12. FILL IN APPROPRIATE DESCRIPTION TO INDICATE NA	ATURE OF NOTICE, REPORT OR OTHER DATA
TYPE OF SUBMISSION: TYPE OF ACT Subsequent Report Rep I3. Describe Proposed or Completed Operation (clearly strating date of any proposed work and approximate duration ther or recomplete horizontally, give subsurface locations and measured and zones. Attach the Bond under which the work will be perform Required subsequent reports shall be filed within 30 days followid operation results in a multiple completion or recompletion in a testing has been completed. Final Abandonment Notices shall be reclamation, have been completed, and the operator has determined	ort of Operations ate all pertinent details, including estimated eof. If the proposal is to deepen directionally and true vertical depths of all pertinent markers ed or provide the Bond No. on file with BLM/BIA. ing completion of the involved operations. If the new interval, a Form 3160-4 shall be filed once be filed only after all requirements, including
5-25-00 Run total of 233 jts. (10,612') o set @ 10,609'. C & C. RD casing c	f 7'', 26.0 lbs./ft., P-110, LT&C
MIRU DS Services Cementing equipm	nent. Cement 1 st stage (10,609' to

stage collar @ 7,197') with 400 sks. 35/65 H Poz (138 bbls.) mixed @ 12.8 ppg followed by 150 sks. H (32 bbls.) mixed @ 15.6 ppg. WOC 4 hours.

Open stage collar @ 7,197'. C & C. Cement 2nd stage with 300 sks. 35/65 H Poz (104 bbls.) @ 12.8 ppg followed by 165 sks. H (39 bbls.) mixed @ 14.8 ppg. Displace cmt. w/10 ppg brine. WOC.

14. I HEREBY CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT.

Name (Printed or Typed) Larry K. Strider	TITLE	District Operations Manager
signedK.Stolig	_date	6/12/00
(THIS SPACE FOR FEDERAL OR STATE OFFICE APPROVED BY CONDITIONS OF APPROVAL, IF ANY ARE ATT?		TITLE ACCEPTED FOR RECORD (OPIG. SQD.) DAVID R. DLASSE JUN 1 9 2000

	UNITEI) STATE	S INTERIOR AGENENTOI CONS. Division CS 1992, Tavised Nasheet PRTS80N WELL Se210-2834		
	DEPARTMENT O	F THE I	INTERIOR Division C/7		
	BUREAU OF LA	AND MAN	AGENENTOI CONS. DIVISION		
SEP V	SUBSTITUTE FORM 3160-5 (APPROV SUNDRY NOTICES AN	ED June, 1 ND REPO	RTS80N WELL SB210-2834		
N. N.		<u></u>	Artagili, INF		
1. TYPE OF WE	LANEA LANEX Gas Well 1516171879	20-	5. LEASE DESIGNATION AND SERIAL NO. NMNM 103604		
2. NAME DE OF	PERATOR cating Company	12223	6. IF INDIAN, ALL., OR TRIBE NAME		
3a. ADDRESS	via Parkway, Suige 2400, 50	24 25 26	7. IF UNIT OR CA, AGREEMENT DESIGN.		
Vestavia,	Alabama 35216	60 A3	8. WELL NAME AND NO.		
3b. Telephone	e Number (include area code)	- AV	Goodnight 35 Federal #1 9. API WELL NO. 30-015-31096		
205-8	323-2977 EEEL-1E0E	66.0			
4. LOCATION (Footage,	OF WELL Sec. T. R. M, or Survey Descript	ion)	10. FIELD & POOL, OR EXPLORATORY AREA Cedar Canyon-Morrow		
	L & 660' FSL		11. COUNTY OR PARISH, STATE Eddy, New Mexico		
Sec. 35-	T23S-R29E		Eddy, New Mexico		
12. F	ILL IN APPROPRIATE DESCRIPTION TO I	NDICATE NA	TURE OF NOTICE, REPORT OR OTHER DATA		
TYPE OF SUBM	IISSION: T	YPE OF ACT			
Subsequent Report Rej 13. Describe Proposed or Completed Operation (clearly s		Rep	ort of Operations		
starting date or recomplete and zones. At Required subs operation res	of any proposed work and approximate du horizontally, give subsurface locations a ttach the Bond under which the work will sequent reports shall be filed within 30 c ults in a multiple completion or recompl	ration there nd measured be performe days followi etion in a ces shall b	eof. If the proposal is to deepen directions and true vertical depths of all pertinent mar ed or provide the Bond No. on file with BLM/ ng completion of the involved operations. If new interval, a Form 3160-4 shall be filed be filed only after all requirements, inclu- d that the site is ready for final inspection		
5-20-00 t	0 5-23-00				
5 20 00 0	Continue drilling 8 3/4'' @ 10,621' @ 3 deg. POH w/I	hole to DP.	7'' casing point @ 10,621'. N		
5-23-00	MIRU HLS logging equipment. Run DLL-MSFL-GR & CNL-LDT-GR from T to base of Delaware. RDMO HLS equipment.				
5-24-00	GIH w/bit & wash to TD. P DP & DC. RU casing tools.	ump visc Prepare	cous gel sweep. POH & LD 4 1/2 e to run 7'' intermediate casin		
14. I HEREB	Y CERTIFY THAT THE FOREGOING IS TRU	E AND COR	RECT.		
Name (Print La	ed or Typed) arry K. Strider TITLE	Dis	strict Operations Manager		
SIGN	PUST.	6/10	2 /00		
(THIS SPACE APPROVED BY	FOR FEDERAL OR STATE OFFICE USE)	TITLE	AUDER DAVID R GLASS		
AFERUVED DI					

CONDITIONS OF APPROVAL, IF ANY ARE ATTACHED.

(DPIG. SGD.) DAVID II. JUN 1 9 2000 BLM

UNIT	ED STATES	s c191	
DEPARTMENT	OF THE I	NTERIOR	
	LAND MAN	revised May, 2000)	
I. TYPE OF WELL AND A GAS Well		5. LEASE DESIGNATION AND SERIAL NO. NMNM 103604	
NAME OF OPERATOR KUKUI Operating Company	718192027	6. IF INDIAN, ALL., OR TRIBE NAME	
3a. ADDRESS 601 Vestavia Parkway, Suite 240	23242	7. IF UNIT OR CA, AGREEMENT DESIGN.	
Vestavia, Alabama 35216 7 10 3b. Telephone Number (include area code)		8. WELL NAME AND NO. Goodnight 35 Federal #1	
4. LOCATION OF WELL (Footage, Sec. T. R. M, or Survey Description)		9. API WELL NO. 30-015-31096 10. FIELD & POOL, OR EXPLORATORY AREA Cedar Canyon-Morrow	
12. FILL IN APPROPRIATE DESCRIPTION TO	D INDICATE NA	TURE OF NOTICE, REPORT OR OTHER DATA	
TYPE OF SUBMISSION: Subsequent Report 13. Describe Proposed or Completed Operatio	TYPE OF ACT Repo	ort of Operations	
starting date of any proposed work and approximate or recomplete horizontally, give subsurface location. and zones. Attach the Bond under which the work wi Required subsequent reports shall be filed within 3 operation results in a multiple completion or reco testing has been completed. Final Abandonment No reclamation, have been completed, and the operator	duration there is and measured ill be performe 30 days followir mpletion in a m otices shall be has determined	and true vertical depths of all pertinent markers d or provide the Bond No. on file with BLM/BIA. ng completion of the involved operations. If the new interval, a Form 3160-4 shall be filed once a filed only after all requirements, including	
5-5-00 NU 5M-11-SRRA BOPS. Tes 3,112'. Test 9 5/8'' cas	sing to 1,0	000 psi.	
HLS and run log suites.	Run IL 7,0 Note: Forw	base of Delaware @ 7,135'. MIRU 085'-3,146'(3,955'), NGRL 7,085'- arded log copies of Neutron/GR to DP.	
5-13-00 to 5-19-00 Drilling 8 3/4'' hole indicator on 5-19-00 per	to 9,390' r stipulat	. Installed PVT and mud returnion.	
14. I HEREBY CERTIFY THAT THE FOREGOING IS	TRUE AND CORR	ECT.	
Name (Printed or Typed) Larry K. Strider TIT	LE Dis	trict Operations Manager	
SIGNED K STOR DAT	E	COEPTED FOR RECORD	
(THIS SPACE FOR FEDERAL OR STATE OFFICE USE APPROVED BY CONDITIONS OF APPROVAL, IF ANY ARE ATTACHED	TITLE	OPIG. SGD.) DAVID R. GLASS	

BLM

	UNIT DEPARTMENT	ED STATES	S N. NTERIOR 81	M. Oil Cons. Division 1 S. 1st Street tesia, NM 88210-2834 ay, 2000) LLS	sf
	SUBSTITUTE FORM 3160-5 (APPI	LAND MAN ROVED June, 19 AND REPOI	AGEMENT AF 992, revised M RTS ON WE	(6512, 11 ay, 2000) LLS	-
1. TYPE OF THE	L X Gas Well	23456	5. LEASE DESIG	ENATION AND SERIAL NO. 1 103604	_
2. NAME OF OP KUKUI Oper	ating Company /w	1010	6. IF INDIAN,	ALL., OR TRIBE NAME	_
3a. ADDRESS 601 Vestav	ia Parkway, Suite 840 Alabama 35216	ECEIVED ARTESIA	7. IF UNIT OR 8. WELL NAME	CA, AGREEMENT DESIGN.	-
Vestavia, 3b. Telephone	Number (include area code)			nt 35 Federal #1	_
205-8	Number (include area code), 23-2977	202618111	9. API WELL 1 30-015-31096	۷٥.	-
4. LOCATION C (Footage,	F WELL Sec. T. R. M, or Survey Descr	iption)		OOL, OR EXPLORATORY AREA Canyon-Morrow	
2180' FWI Sec. 35-1	& 660' FSL 235-R29E			R PARISH, STATE New Mexico	
12. FI	LL IN APPROPRIATE DESCRIPTION TO	O INDICATE NAT	TURE OF NOTICE	, REPORT OR OTHER DATA	
TYPE OF SUBMI		TYPE OF ACT	ION: ort of Operations		
starting date of or recomplete h and zones. At Required subse operation resu	Proposed or Completed Operation of any proposed work and approximate norizontally, give subsurface location tach the Bond under which the work we equent reports shall be filed within 3 lts in a multiple completion or recon- seen completed. Final Abandonment N ave been completed, and the operator	An (clearly sta duration there s and measured ill be performe 30 days followir mpletion in a r otices shall be has determined	ate all pertinen of. If the prop and true vertical d or provide the ng completion of new interval, a = filed only aft that the site i	t details, including estimat osal is to deepen directional depths of all pertinent mark Bond No. on file with BLM/B the involved operations. If Form 3160-4 shall be filed of ter all requirements, includ s ready for final inspection.	ers IA. the nce ing
4-30-00	Continue WOC. NU casing wellhead to manifold. To	head & BO est 13 3/8	P. Install '' casing.	relief valve from Test BOPE.	
4-30-00-5	-3-00 Drill 12 1/4'' hole from Max. Deviation of 3 deg	m 581' to . 2,600'-2	3,150' with ,900' inter	brine water. val.	
4-30-00 Run 76 joints 9 5/8'', 40 lbs./ft., K-55, LT&C salt protection string to 3,150'. DS Services cement with 800 sks. 35/65 POZ + 6% D-20 + 5% D44 + .2% D46 + 1/4 lb./sk. D20 mixed at 12.4 ppg. Tail cement of 200 sks. C + 2% S1 + 1/4 lb./sk. D29 mixed at 14.8 ppg. Circulated 40 bbls. Cement (104 sks.) to pit. SI with 1500 psi. WOC.				06	
14. I HEREBY	CERTIFY THAT THE FOREGOING IS	TRUE AND CORR	ECT.		
Name (Printe	ed or Typed) rry K. Strider TIT	LE Dis	trict Opera	ations Manager	
SIGNE	D_ ZX. Stoly DAT	E5/2	3/00 ACC	HIED FCR DRCORD	
(THIS SPACE APPROVED BY	FOR FEDERAL OR STATE OFFICE USE) TITLE	1	W. CHESTEDATE	
CONDITIONS (OF APPROVAL, IF ANY ARE ATTACHED		JUN	5 2000	

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			N.M. OII CONS. Dimension	
			S 11 S. 1st Street	
		TED STATE	IS INTERIOARTESIA, NM 88210-2834 (SF INTERIOARTESIA, NM 88210-2834 (SF INGEMENT	
	DEPARTMEN	T OF THE .		
23	SUNDRY NOTICES	PROVED June, J	DETS ON WELLS	
مار میکانی ایر ایر ایر میکار معر	8.5 SUNDRI NUTICES	34F		
1. TYPE OF WE	L Gas Well 33	1 10	5. LEASE DESIGNATION AND SERIAL NO. NMNM 103604	
2. NAME OF OF KUKUI Oper		111213 2000	6. IF INDIAN, ALL., OR TRIBE NAME	
3a. ADDRESS 601 Vestav	via Parkway, Suite 240	TTESIA IS IS	7. IF UNIT OR CA, AGREEMENT DESIGN.	
Vestavia,	Alabama 35216	Water	8. WELL NAME AND NO. Goodnight 35 Federal #1	
	Number (include area code)	0000	Goodhight 55 Federal #1	
203 0			9. API WELL NO. 30-015-31096	
4. LOCATION ((Footage,	DF WELL Sec. T. R. M, or Survey Desc	cription)	10. FIELD & POOL, OR EXPLORATORY AREA Cedar Canyon-Morrow	
2180' FWI	& 660' FSL		11. COUNTY OR PARISH, STATE	
	23S-R29E		Eddy, New Mexico	
12. FI	LL IN APPROPRIATE DESCRIPTION	TO INDICATE NA	TURE OF NOTICE, REPORT OR OTHER DATA	
TYPE OF SUBM	ISSION:	TYPE OF ACT		
Subsequent	Report	Rep	ort of Operations ate all pertinent details, including estimated	
starting date or recomplete 1 and zones. At Required subs operation resu	of any proposed work and approximat norizontally, give subsurface location tach the Bond under which the work equent reports shall be filed within lts in a multiple completion or re-	e duration there ons and measured will be performe a 30 days followi completion in a Notices shall b	eof. If the proposal is to deepen directionally and true vertical depths of all pertinent markers ed or provide the Bond No. on file with BLM/BIA. ng completion of the involved operations. If the new interval, a Form 3160-4 shall be filed once be filed only after all requirements, including d that the site is ready for final inspection.	
4-28-00	4-28-00 MIRU Patterson Drilling rig #46. Set 37' of 20'' conductor pipe. Cement 20'' conductor pipe to surface with ready-mix.			
4-28-00	4-28-00 Drill 17 1/2'' hole to 581'. Survey at 581'-3/4 deg.			
 4-29-00 -Ran 13 joints 13 3/8'', 48.0 lb./ft., H-40, ST&C set at 581'. -DS Services cement with 270 sks 35/65 POZ C + 6% D-20 + 2% S1 + 1/4 lb./sk. Celloflake mixed at 12-4 ppg/2.07 cu. ft./sk -Tail cement of 200 sks. C + 2% S1 + 1/4 lb./sk. Celloflake mixed at 14.8 ppg/1.34 cu ft./sk. Note: Circulated 17 bbls. Cmt. to pit. -WOC w/pressure on casing. 				
14. I HEREBY	CERTIFY THAT THE FOREGOING IS	TRUE AND CORF	RECT.	
Name (Printe La		TLE Dis	strict Operations Manager	
SIGNE	D_ K. Stele DA	TE <u>5/2</u>	PETER W. CHESTER	
(THIS SPACE	FOR FEDERAL OR STATE OFFICE US	SE)	W. CHEST	
APPROVED BY	TE ARROVAL TE ANY ARE ATTACH	TITLE		

CONDITIONS OF APPROVAL, IF ANY ARE ATTACHED.

JUN 5 2000 BUREAU OF LAND MANAGEMENT

