

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Jennifer A. Salisbury

Cabinet Secretary

March 27, 2001

Lori Wrotenbery
Director
Oil Conservation Division

Elm Ridge Resources, Inc.

Telefax No. (505) 334-4992

P. O. Box 1317

Aztec, New Mexico 87410 Attention: Patrick Hegarty

AMENDED Administrative Order NSL-4557

Dear Mr. Hegarty:

I received correspondence from the Aztec District Office of the Division that the description of the unorthodox gas well location in Division Administrative Order NSL-4557 is no longer applicable.

Division Administrative Order NSL-4557 authorized Elm Ridge Resources, Inc. to drill its Kelly "IND" Well No. 1-E (**API No. 30-045-30471**) at an unorthodox gas well location within the Basin-Dakota Pool 2480 feet from the North line and 660 feet from the West line (Unit E) of Section 12, Township 27 North, Range 13 West, NMPM, San Juan County, New Mexico.

It is our understanding that the well was moved to the east-southeast a distance of 11 feet due to "powerlines and to improve access to existing road."

By the authority granted me under the provisions of Division Rule 104.F (2), Division Administrative Order NSL-4557 is hereby revised to reflect a location change for the proposed well in the W/2 of Section 12 to be drilled an unorthodox gas well location that is 2485 feet from the North line and 670 feet from the West line (Unit E) of Section 12. All other provisions of Division Administrative Order NSL-4557 shall remain in full force and effect until further notice.

Sincerely,

Lori Wrotenbery

Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Aztec

U. S. Bureau of Land Management - Farmington

File: NSL-4557

Form 3160-5 (November 1994)

Testing has been completed.

determined that the site is ready for final inspection.)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to ANI or reenter abandoned well. Use Form 3160-3 (APD) for such proposals

FORM APPROVED OMB No. 1004-C135 Expires July 31, 1996

5. Lease Serial No.

NO-G-9811-1313

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE –	Other instructions	DIST. 3 on reverse	3	'If Univor CA/Agreement, Name and/or No.

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Oil Well X Gas Well	Other			8. Well Name	and No.
2. Name of Operator				Kelly Indiar	1 #1E
Elm Ridge Resources, Inc.				9. API Well N	o.
3a. Address		3b. Phone No. (include	area code)	30-045-304	71
PO Box 189 Farmington, NM 8	37499	505-632-3476		10. Field and P	ool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R	., M., or Survey Description)	<u> </u>		Basin Dako	ota
2485' FNL & 670' FWL				11. County or I	Parish, State
Sec. 12-T27N-R13W				San Juan, I	New Mexico
12. CHECK APPROPRIATE BOX(E	ES) TO INDICATE NATURE	OF NOTICE, REPORT	, OR OTHER DA	ATA	
TYPE OF SUBMISSION	TYPE OF ACTION				
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production ((Start/Resume)	Water Shut-Off Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomplete		Completion
_	Change Plans	Plug and Abandon	Temporarily	/ Abandon	
Final Abandonment Notice	Convert to Injection	Plug Back	Water Dispo	osal	

Spud well 03/21/01. Drilled 12-1/4 hole to 356' KB'. Ran 8 jts. 8-5/8" K-55, ST &C casing - set @ 356' KB. Cement w/280 sx Class "B" w/ 3% CaCl and 1/4# per sx Cello. Drilled 7-7/8" hole to 6085' KB. TD reached @ 12:00 pm on 3/29/01. Ran Halliburton High Resolution Induction and Spectral Density Dual Spaced Neutron Log. Ran 143-jts. 4-1/2", 10.5 #, J-55 casing - set @ 6085' KB. Stage tool set @ 4051' KB. Cement 1st stage w/200 sx HLC w/3% salt & 1/4 # per sx Cello and 300 sx Class "B" w/27% CaCl and 1/4# per sk Flocele. Bump plug to 1526 psi - open stage tool. Circulate 3 hrs and 50 bbls. cement to surface. Cement 2nd stage w/725 sx 37# and 17# cement w/additives. Followed by 50 sxClass "B" w/2% CaCl and 1/4# per sx Flocele. Drop plug & close stage tool w/ 2500 psi - plug held. Circulate 80 bbls to surface. Rig down cementers, Set slips. Cut off casing. Release rig. Install wellhead. R/U Halliburton Logging Services. Run CBL and perforate

Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof.

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones.

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days Following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once

5936' to 5982" KB w/ 4 SPF. R/U American Energy Services and frac Dakota w/ 2,000 gal 15% HCL, 66,234 gal Ambor 1025, 105,300 # 20/40 Brady Sand. ATP 1450. AIR 30 BPM and ISIP 1550.

14. I hereby certify that the foregoing is true and correct			
Name (Printed/Typed) Trudy Grubelniķ , ,	Title	Production Technician	* - 121
Signature Mudu Mubility	Date	June 6, 2001	
1 m s 61 A.0.2 FC	R PEDETAL OR SYA	TEUSE	
Approx so by	Title	Diae	
Contained in the present, if any weaper of the Medical of the matter does not warrened by the the applicant holds began as a little to the order or gives in the subject with the full entitle the applicant to each but of presentions thereon.	ant or Office	11 / jš	and the state of t
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willifraudulent statements or representations as to any matter within its jurisdiction.	ally to make to any depa	rtment or agency of the United States any false, fi	latitious or 2001

MINIONA

I MY -- SETICE

FORM 3160-4								- SI	BMIT IN DUP	LICATE*	FORM A	PPROVED)
(July 1992)							211813	14 /	See other	rin- /		. 1004-01.	
			UN	ITED :	STA	TES 6	RIORN		shuctions reverse s		Expires:	February 2	8, 1995
		DEPA	RTME	NT O	FTH	HE INTE	RIOR	36 ~	<i>∞</i> ,	,	5. LEASE DE	SIGNATION	AND SERIAL NO.
								200	1 3				311-1313
WELL	COMP	LETION	OR	RECO	MPI	_ETION		7 7.	ND LOG	* 0]			OR TRIBE NAME
1a. TYPE OF WOR	ĸ	OIL WELL		GAS WELI	x	Der T	Dist	Outer	1	et et.	7. UNIT ACI	EEMENT N	ME
1b. TYPE OF WELL		WLLL	_	WEEL		6.43	<u>ــ</u> ــــــــــــــــــــــــــــــــــ		- 1989)				
NEW X	WORK OVER	DEEPEN		PLUC BACK		DIFF RESVR.	Vallage of	Other			8. FARM OR	LEASE NAM	IE, WELL NO.
2. NAME OF OPERATO				BACK		RESTRE		7000	101700		 Kelly Inc	lian #1F	:
Elm Ridge Re	sources.	inc.					6	$\mathcal{JB}_{\mathcal{C}}$	1 20 3/18 \ 🗇	1	9. API WELI		
3. ADDRESS AND TEL							100	` ,	4	5°A	30-045-	30471	
PO Box 189,	Farmingto	n, NM 87	499 (5	05) 632	2-347	'6		MA	AY 2001	1.3	10. FIELD A	ND POOL OR	WILDCAT
4. LOCATION OF W	ELL (Report lo				-		100	RE	2/2	7,	Basin D	akota	
At Surface		2485' FN	NL & 67	'0' FWL	. Se	c. 12-T27	N-	ON. (11. SEC., T.,	R., M., OR BL	OCK AND SURVEY
At top prod. Interval r	eported below							9	A7.3	· . V	OR AREA		
At total depth								,			Sec. 12-	-T27N-F	R13W
				14. PERMIT	NO.		DATE	SUED			12. COUNTY		13. STATE
			1.5 5.		~			* 4			Sai	nJuan	New Mexico
3/21/01	16. DATE T.D. F 03/3	3 <i>0/01</i>	17. DA	TE COMPL	Ready 1	o prod.)		5824	f, rkb, rt, gr, et ' GL	.C.)*			19. ELEV. CASINGHEAD
20. TOTAL DEPTH, ME	& TVD	21. PLUG BAC	K T.D., MD	& TVD	-	2. IF MULTIPLE	•		23. INTERVALS	RO	TARY TOOLS		CABLE TOOLS
6085 MD	TVD	6056	MD		TVD	HOW MANY	•		DRILLED BY	x			
24. PRODUCING INTER	RVAL(S), OF TH	IS COMPLETIC	NTOP, B	OTTOM, NAI	ME (MD	AND TVD)*							25. WAS DIRECTIONAL
Basin Dakota													SURVEY MADE
5952' - 5993'													N/A
26. TYPE ELECTRIC A													27. WAS WELL CORED
	Spectra	al Density	Dual S	* ************************************					ion Induction	on Log	· 		
23.							ort all strings s		,				-
casing size/		WEIGHT,		DEP	356		12-1/4				MENTING RE	COKD	AMOUNT PULLED
4-1/2		10.5	·	<u> </u>	6085		7-7/8				surface	· .	
7-1/2		70.0	<i></i>		0000		7 770		1900	<u> </u>	0077000	 	
									100/3				
29.		LIN	R RECO	RD					30.		TUBING RE		
SIZE	TOP (MD)	вотто	M (MD)	SAC	CKS CEMENT*	SCREEN (MD)	SIZE		DEPTH SET (M	ID)	PACKER SET (MD)
					 				93/8		4	4	
					<u> </u>		122	•	ACID, SHOT,	FRACTI	RE CEMEN	T SOUFFZ	F FTC
31. PERFORATION RI	ECORD (Interval FERVAL	l, size and numl		ZE	N	NUMBER	32. DEPT	H INTE	RVAL (MD)				MATERIAL USED
	to 5982			1 3	-	4 jspf	593	36 to	5982	2000	gal 15%	HCL. 66	6,234 gal Ambor
	to 5894			<i>1</i> 3		4 jspf				4	-		Brady. ATP -
5936	to 5940		.4	13		4 jspf				1450.	AIR - 30	BPM a	nd ISIP - 1550
. *										<u> </u>			
33.* DATE FIRST PRODUCT	FION	Laboraterio	NIMETHOL	/Flouring (13	s lift nu	mping-size and t	PRODUCTION OF PRODUCTION	ON				WELLSTA	ATUS (Producing or shut-in)
Pending Appro		PRODUCTIO	N MILTHOL	/ (10 ming, ga	is iiit, pu		owing						Testing
DATE OF TEST		RS TESTED	снок	E SIZE	1	'N. FOR	OILBBLS.		GAS-MCF.		WATER-BBI		GAS-OIL RATIO
5/25/01		24		1/4		PERIOD	0		132		2		<u> </u>
FLOW, TUBING PRESS	CAS	ING PRESSURE	0.000	JLATED LR RATE	OIL-		GASN			WATER		OIL GRAVIT	TY-API (CORR.)
90		400		A CALL		0			32	<u> </u>	2	SEED DV	
34 DISLOSITION OF G	AS (Sold, used fo	r fuel, vented, et	c.)	Ven	fed						TEST WITNE		haach ck
SALDINING ATTINITA	(FNTS									····	·	· · · · · · · · · · · · · · · · · · ·	

*(See Instructions and Spaces for Additional Data on Reverse Side)

Total to U.S.C. Status (1991) makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, ficultious or fraudulent statements or representations as to any matter within its jury dufficing.

TITLE

Fig. 1 harrows sens for first the foregoing and a tacked information is complete and correct as determined from all available records

Production Technician

37 SUMMARY OF POROUS ZONI drill-stem, tests, including depth i	ES: (Show all important interval tested, cushion	zones of porosity an used, time tool open	SUMMARY OF POROUS ZONES: (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	38.	GEOLOGIC MARKERS	RS.
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		TOP	
Farmington	412			NAME		TRUE
r ammerom Fruitland	1008				MEAS. DEPTH	VERT. DEPTH
Pictured Cliffs	1272					
Lewis	1392					
Cliff House	2180					
Menefee	2255					
Point Lookout	3810					
Mancos	4035					
Base Gallup	5340					
Sanastee	5390					
Greenhorn	5765					
Graneros	5816				·	
Dakota	5845	•				