		8210 TED STATES T OF THE IN	rever	structions on se side)	Budget Bureau Expires August 5. LEASE DESIGNATION	31, 1985
	BUREAU OF	LAND MANAGE	MENT		NM-15862	
APPLICATION	FOR PERMIT	to drill, de	EPEN, OR PLUG	BACK	6. IF INDIAN, ALLOTTE	OR TRIBE NAME
1a. TYPE OF WORK DRI b. TYPE OF WELL	LL 🗵	DEEPEN	PLUG E	BACK 🗌	7. UNIT AGREEMENT N	AME
	ELL X OTHER		SINGLE X MU		8. FARM OR LEASE NA	ME
2. NAME OF OPERATOR		REC	(Kenneth EIVED (505-396-	•	QUAIL FEDERA	\L
GREAT WESTERN I	DRILLING COMPAN		EIVED (505-396-	.5538)	9. WELL NO. 5	
1980' FNL & 183	eport location clearly an 30' FEL of Sect	d in accordance will a con 22.	an (Stat Gequirements. • )	(1× (A	10. FIELD AND POOL, O Pecos Slope 11. SEC., T., R., M., OR AND SURVEY OR AN	Abo
At proposed prod. zon Same	e			Unit G) SW4NE4)	Sec. 22-65-2	258
14. DISTANCE IN MILES A	ND DIRECTION FROM NE.	ARIEST TOWN OR POST C	DFFICE*	DWANEZ)	12. COUNTY OR PARISH	
26 air miles no					Chaves	NM
15. DISTANCE FROM PROPO LOCATION TO NEAREST PROPERTY OR LEASE L (Also to nearest drig	INE, FT. unit line, if any, (6	560')	6. NO. OF ACRES IN LEASE 1759.06	тот	DF ACRES ASSIGNED HIS WELL 160	
18. DISTANCE FROM PROF TO NEAREST WELL, DI OR APPLIED FOR, ON THI	RILLING, COMPLETED.	540'	9. PROPOSED DEPTH 4250' Abo	20. ROTA	RY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whe 3879' GR		1			22. APPROX. DATE WO June 26, 19	
23.		PROPOSED CASING	AND CEMENTING PROC	GRAM	n all i sindalika definisien musur, maanaanye geradayaa goo	ang para na amang sana na kara tang kara na ang ang ang ang ang ang ang ang ang
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	T SETTING DEPTH		QUANTITY OF CEME	NŢ
14 3/4"	10 3/4"	32.75#	920'	Suffi	cient to circu	late
9 7/8 & 7 7/8"	4 1/2"	9.50#	4250'	300 s	acks	
9 7/8" hole wil	.1 be reduced t	o 7 7/8" at 4	±1800' (200-300'	below to	op of the Glor	ietta).
Production casi 600' above the Abo pay zone wi production. Attached are: Gas for this ac	Abo. Abo. ill be selectiv 1. Well Locat 2. Supplement 3. Surface Us creage is not d	vely perforate tion & Acreage al Drilling f se Plan dedicated.	fost NL9 7	to come and as need at FD-1 Af1 Af1 Aff on present prod	back to a min: led for DANE OF LRESO JUN 15	imum of
Production casi 600' above the Abo pay zone wi production. Attached are: Gas for this ac in ABOVE SPACE DESCRIBE zone. If proposal is to opreventer program, if any 24.	Abo. Abo. Abo. Ill be selectiv I. Well Locat 2. Supplement 3. Surface Us creage is not d PROFOSED PROGRAM : If drill or deepen direction	ented with survey perforate tion & Acreage al Drilling f se Plan dedicated. proposal is to deepen ally, give pertinent d	officient cement and stimulate e Dedication Pla Data $f_{COT}^{-}$ NKN or plug back, give data of ata on subsurface location	to come as need as need FD-1 Af1 Af1 Aff on present prod as and measure	back to a mini led for of RESC OF RESC JUN 15 JUN 15	imum of
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ENTITLE THE APPLICANT CONDUCT OF FRATIONS THEREON Knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Submit to Appropriate District Office State Lease - 4 copies See Lease - 3 copies

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OISTRIC .O. Box	<u>T  </u> 1980,	Hobbs,	NM	88240
2.0. Box	1980,	Hobbs,	NM	88240

DISTRICT II '.O. Drawer DD, Artesia, NM 88210

State of New Mexico Energy, Minerals and Natural Resources Department

## **OIL CONSERVATION DIVISION**

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Revised 1-1-89 JUN 1 5 1989

Form C-102

DISTRICT III 000 Rio Brazos Rd., Aztec, NM 87410	WELL LOCATION ANI All Distances must be fro	ACREAGE DEDICAT	ION PLAT	CON STERNA
Operator	and the second	ease		Well No.
GREAT WESTERN DRI		QUAIL FEDERA	AL	5
G 22	Township 6 South	<sup>ange</sup> 25 East		Chaves
Actual Footage Location of Well:			NMPM	
	North line and	1830	feet from the Eas	t line
Toducing	Formation P		7 h -	Dedicated Acreage:
	to the subject well by colored pencil	Pecos Slope	ADO	160 Acres
	cated to the well, outline each and id			
3. If more than one lease of diffe unitization, force-pooling, etc. Yes If answer is "no" list the owners this form if neccessary. No allowable will be assigned to	rent ownership is dedicated to the w	ell, have the interest of all owned of consolidation tually been consolidated. (Use	rrs been consolidated by com	munitization,
	3088.1' 3882.0'	0 0 1 	I hereby contained her best of my boo Signature James Princed Name Position PERMJ Company GREAT W Date May 3 SURVE I hereby cert. on this plat actual survey supervison, a correct to th belief. Date Surveyee May Signature & S	25, 1989

BLOWOUT PREVENTOR SKETCH







## SUPPLEMENTAL DRILLING DATA

GREAT WESTERN DRILLING COMPANY WELL #5 QUAIL FEDERAL 1980' FNL & 1830' FEL SEC. 22-6S-25E CHAVES COUNTY, NEW MEXICO



- 1. SURFACE FORMATION: Artesia Group of Permian Age.
- 2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

San Andres	570'	Tubb	30101
Glorietta	1590 <b>'</b>	Abo	3645 <b>'</b>

3. ANTICIPATED POROSITY ZONES:

Water	50-150', 570-655'
011	990-12051
Gas	3685-4045'

4. CASING DESIGN:

Size	Interval	Weight	Grade	Joint	Condition
•	0 - 910'	32.75#	K-55	STC	New
	0 - 4250'	9.5 #	K-55	STC	New

- 5. SURFACE CONTROL EQUIPMENT: A double ram-type BOP will be used.
- 6. <u>CIRCULATING MEDIUM</u>: Fresh water mud conditioned as necessary for control of viscosity and water loss.
- 7. AUXILIARY EQUIPMENT: A full opening safety valve will be kept on rig floor in open position at all times.
- 8. LOGGING PROGRAM: Compensated Neutron/Formation Density Log (0-TD).
- 9. ABNORMAL PRESSURES, TEMPERATURES OR GASES: None anticipated.
- 10. ANTICIPATED STARTING DATE: It is planned that operations will commence about June 26, 1989. Duration of drilling, testing, and completion operations should be 2 to 5 weeks.





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