USF

'orm 9-33 1 C				SUBMIT IN TE	HTE*	Ferm approved. Budget Bareau No. 42-R1425.		
May 1 %3)	HMIT	ED STATES	ии	OIL CONSERVE	OMMÍSSI	N		
	DEPARTMENT	OF THE I			_	5. LEASE DESIGNATION AND SERIAL NO.		
			ATT	esia, NM 8	38210	NM-15862		
		SICAL SURVE		an 51110 5	1 614	6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
APPLICATION	FOR PERMIT T	O DRILL, D	DEEPEN, (OR PLUG E	BACK			
	LI	DEEPEN [ABOSIVEO	K 🗆	7. UNIT AGREEMENT NAME		
b. TYPE OF WELL OIL GAS			SINGLE ZONE	MULTIE ZONE	rr 🗌	S. FAEM OR LEASE NAME		
WELL WE WE	LL OTHER			701 1 3 198 5-682-32198	2	QUAIL FEDERAL		
GREAT WEST	ERN DRILLING C	OMPANY /				9. WELL NO.		
3. ADDRESS OF OPERATOR				O. C. D.	_			
P. 0. Box	1659, Midland,	Texas 7970		ARTESIA, OFFICE		10. FIELD AND POOL, OR WILDCAT / Undesignated /		
4. LOCATION OF WELL (Re)				quirements.*)	ļ.	11. SEC., T., R., M., OR BUK.		
660 ' F	NL & 2180' FEL	of Sec. 23	3-6S-25E		101	AND SURVEY OR AREA		
At proposed prod. zone				; 1 /	1, 3	Sec. 23-6s-25E		
Same 14. DISTANCE IN MILES AS	NO DIRECTION FROM NEAR	EST TOWN OR POST	r office*	´		12. COUNTY OR PARISH 13. STATE		
	es north-north			М.		Chaves N.M.		
15. DISTANCE FROM PROPOS		01 103	16. No. of A	CRES IN LEASE	17. NO. OF	P ACEES ASSIGNED IS WELL		
LOCATION TO NEAREST PROPERTY OR LEASE LI	NE, FT.	660 '	1759	.06		40		
(Also to degrest drig, unit line, if any) 18. DISTANCE FROM PROPOSED LOCATION* 19. PROPOSED DEPTH				DEPTH	20. ROTARY OR CABLE TOOLS			
TO NEAREST WELL, DR OR APPLIED FOR, ON THIS	ILLING, COMPLETED, LEASE, FT.	200 '	1500' S	an Andres		Cable		
21. ELEVATIONS (Show wheth						22. APPROX. DATE WORK WILL START*		
3821' G.L.						July 10, 1982		
23.	1:	ROPOSED CASE	NG AND CEM	ENTING PROGR	AM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER F	00т s	ETTING DEPTH		QUANTITY OF CEMENT		
11"	8 5/8"	24.0#		900'		icient to circulate		
8"	4 1/2"	9.5#		1500'	Suff	icient to tie back		
l		l		t ctimulato	dac no	adad		
Pay zone '	will be selecti	very pertor	raled and) Stimulate	:u as ne			
Attached a	2. Suppl	Location & emental Druce Use Pla	illing Da	Dedication ata	Plat			
		•				DECTETAVAS)]		
				Pisted I	O-1 API	OIL & GAS U.S. GEOLOGICAL SHRVEY ROSWELL, NEW MEXICO uctive zone and proposed new productive		
IN ABOVE SPACE DESCRIBE	PROPOSED PROGRAM: If drill or deepen direction	proposal is to dee ally, give pertinen	pen or plug ba t data on sub	nck, give data on surface locations	present prod and measure	uctive zone and proposed new productiv d and true vertical depths. Give blowou		

preventer program, if any.

signed Same	STATE OF DED	TITLE	Agent	DATE _	June 16, 1982
(This space for Federal PERMIT NO. APPROVED BY CONDITIONS OF APPROVAL	JUL 9 1982		APPROVAL DATE	DATE _	
	DISTRIC: SOL				

NERGY AND IMMERALS DEPARTMENT	SARIA C	om the outer hounder	tee et the Section		Well No.
		L-0.00			#9
Great Western Drilling (1 Federal		
II I cited Section	6 S.	Hang•	E.	Chaves	
В 23	0 3.				
100: 1'0310ge Location of Well:	th. Income	2180	feet from the	East	line colcoled Acreoge:
feet from the		P∞1 Undesi	gnated		40 here.
C = A - A	~~~			marks on the	plat below.
3821 San And 1. Outline the acronge dedicated	to the subject we	II ph. coloueg be	ncil or nachore	III III III	1
 If more than one lense is definiterest and royalty). If more than one lense of differented by communitization, unit 	rent ownership is a	dedicated to the	well, have the	ownership the	icu, (bom 11)
is "oo" list the own	er is "yes," type o	riptions which h	ave actually be	en consolidate	ed. (Use reverse side of
this form if necessary.) No allowable will be assigned forced-pooling, or otherwise) or	to the well until all until a non-standar	interests have dounit, eliminati	been consolida		pproved by the Division.
.1	- 1		•		•
 	099	2180'		best of my	in 1s true and complete to the knowledge and belief. A nauf
+		25 F		Position Agent	STERN DRILLING CO.
Sec.	23, 7. 6 S. R.				1, 1982
		· 1 1 1 1		shown on to notes of a under my s Is true or Inowledge	ertily that the well location his plat was platted from field clual surveys made by ric or upervision, and that the same discount to the last of my and held
 				Proto Survey of the Survey of	D. JAOUES 100 82 100 82 100 120 120 100 120
	70	00 1300 13	700	John D Centilicate I	6290

SUPPLEMENTAL DRILLING DATA

GREAT WESTERN DRILLING COMPANY WELL #9 QUAIL FEDERAL NWLNEL SEC. 23-6S-25E CHAVES COUNTY, NEW MEXICO

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

San Andres 550' Glorietta 1570'

3. ANTICIPATED POROSITY ZONES:

Fresh Water:

50-150', 550-635'

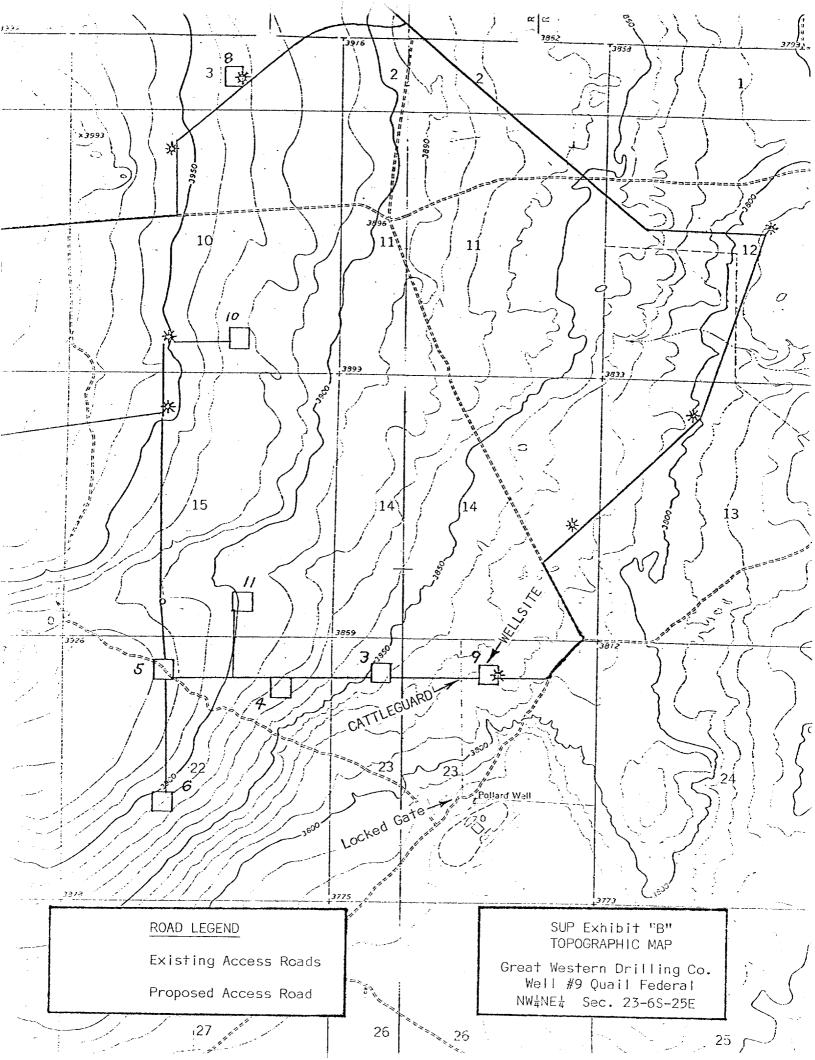
Oil:

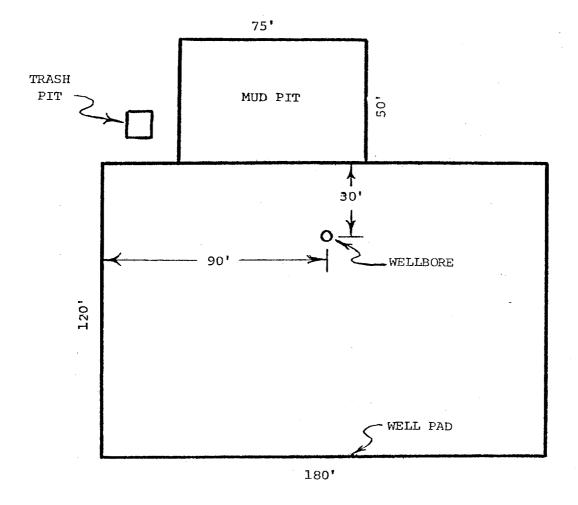
970-11851

4. CASING DESIGN:

Size	Interval	Weight	<u>Grade</u>	Joint	Condition
8 5/8"	0 - 900'	32.75#	K-55	STC	New
4 1/2"	0 - 1500'	9.5 #	K-55	STC	New

- 5. SURFACE CONTROL EQUIPMENT: A pressure control valve and oil saver.
- 6. CIRCULATING MEDIUM: Not applicable for cable tool hole.
- 7. AUXILLARY EQUIPMENT: None considered necessary.
- 8. LOGGING PROGRAM: A Gamma Ray Log will be run to TD.
- 9. ABNORMAL PRESSURES, TEMPERATURES OR GASES: None anticipated.
- 10. ANTICIPATED STARTING DATE: It is planned that operations will commence about July 10, 1982. Duration of drilling, testing, and completion operations should be 2 to 5 weeks.





SUP Exhibit "D" SKETCH OF WELL PAD

Great Western Drilling Co. Well #9 Quail Federal NW4NE4 Sec. 23-6S-25E