Form 3160-3 (July 1989) (formerly 9-331C) CONTACT RECF

OFFICE FOR 1 OF COPIES REQUIRED (Other Instructions on reverse side)

BIM Roswell District Modified Form No. NM060-3160-2

August 1, 1992

DATE .

5. LEASE DESIGNATION AND SERIAL NO.

	D STATES
DEPARTMENT	OPETHE INTERIOR

BUREAU OF LAND MANAGEMENT NM 57280 G. IF INDIAN, ALLOTTEE OR TRIBE NAME OI: PLUG BACK APPLICATION FOR PERMIT TO DRILL, DEEPEN, IS TYPE OF WORK 7. UNIT AGREEMENT NAME DEEPEN [PLUG BACK DRILL 🖾 b. TYPE OF WELL WELL MULTIPLE 8. FARM OR LEASE NAME WELL X OTHER Federal "9" 3n. Area Code & Phone No. 2. NAME OF OPERATOR 9. WELL NO. 2 915-699-1410 Stevens & Tull, Inc. 3. ADDRESS OF OPERATOR P.O. Box 11005, Midland, Texas 10. FIELD AND POOL, OR WILDCAT 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) West Tenas Teas At MITTING 990' FNL & 2310' FEL 11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA 2110 Unit A At proposed prod. zone Section 9, T-20-S R-33-E Same 12. COUNTY OR PARISH | 13. STATE 14. DINTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 25 Miles West of Hobbs NM 15. DISTANCE FROM PROPUSED* 16. NO. OF ACRE: IN LEASE 17. NO. OF ACRES ASSIGNED TO THIS WELL LOCATION TO NEAREST PROPERTY OR LEABE LINE, FT. (Also to pearest drig, unit line, if any) 330' 400 18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 19. PROPOSED DE TH 20. ROTARY OR CABLE TOOLS 1320' 3500 Rotary 22. APPROX. DATE WORK WILL START* 21. ELEVATIONS (Show whether DF, RT, GR, etc.)
355 GR 3550'

		PROPOS	ED CASING AND CEME	NT NG PROGRAM (1913).	interior your	ish is a second
HOLE SIZE	CASING SIZE	WE IGHT/FOOT	GRADE	THREAD TYPE	BETTING DEPTH	QUANTITY CEMENT
12 1/4	8 5/8	24 & 32	J - 55	ST&C	1300	650 sx-circ.
7 7/8	5 1/2	17	J - 55	LT&C	3500	500 SCIRCULAIL
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- 1) Drill 12 1/4" hole to approximately 1300' or to hard formation with fresh water and mud.
- Set 8 5/8" casing with 13 centralizers spaced every 100'. Cement casing with 450 sx Howco Lite with 2% Cacl2 plus 200 sx Class "C" with 2% Cacl2.
- Waiting on Cement 12 hours Test BOP to 1000# for 30 min. 3)
- Drill 7 7/8" hole with Brine to 3500'.

Set 5 1/2" casing with 15 centralizers. Cement with 300 sx Howco Lite cement plus 200 sx Class "C" with 0.6% Halad 9 plus 2% Cacl2.

ductile to and proposed new productive IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; If proposal is to deepen or plug back, give deta on present prosured and true vertical depths. Give blowout zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface local tions ond men preventer program, if any. 24.

/20/92 <u>Engineer</u> (This space for Federal or State office use) APPROVAL D. TE PERMIT NO. ..

FOR DEPORTED STEEL STEEL

APPROVED BY

GERERAL REQUIREMENTS AND

SPECIAL STIPULATIONS

*See Instructions On Rever e Side

ATTACHED
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and we ifully to make to any department or agrees of the







Job separation sheet

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

RECEIVED MAY 1 4 1992

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

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

WELL LOCATION AND ACREAGE DEDICATION PLAT

Stevens and Tull Federal 9	perator				7111		Cos most be		ooter boundar	162 OI 116 26	cuon		
In Letter Section 9 Township 20 South Range 33 East NMTM Lea 1210 feet from the North Institute 2110 feet from the East Institute 2110 feet f	•	ens ar	id Tiil	1				Lease	Fodoral	0			i
used feeced from the North line and 2110 feet from the East line and level flee. Producing Formation Produ	nit Letter				mshi-			ļ	r edergi	フ — 		· · · · · · · · · · · · · · · · · · ·	2
nuil Footage Location of Well: 900 feet from the 900 feet from the Port of the state of the sta		Secuoli	9	100		20 (South	Range	33 Eag	L		County	-
990 feet from the NOTEH line and 2110 feet from the Gast line was level feet. The Producing Formation Proof 3550 Under William State of the subject well by colored pencil or hardstee marks on the pidybelow. 2. If more than one lease is dedicated to the subject well by colored pencil or hardstee marks on the pidybelow. 2. If more than one lease is dedicated to the well, outline each and identify the evenerably thereof (both as to working interest and royalty). 3. If more than one lease is dedicated to the well, but the interest of all owners been consolidated by communitization, force-pooling, etc.? 1. If answer is "no" list the owners and tract descriptions which have actually been consolidated. (The reverse side of this form if necessary. No allowable will be satigned to the well until all interests have been consolidated. (The reverse side of the owners and tract descriptions which have actually been consolidated. (The reverse side of the consolidation or until a non-standard unit, eliminating such interest, has been approved by the Division. 2110. **PERATOR CERTIFICATION** I hareby certify that the well incommunity in the such actual surveys made by me or worker to the best of my knowledge and belief. 2110. **Surveys of the well for my knowledge and belief.* **Surveys of the best of my knowledge and belief.* Date Surveys of the best of my knowledge and belief. Date Surveys of the best of my knowledge and belief. Date Surveys of the best of my knowledge and belief. Date Surveys of Surveys of the best of my knowledge and belief. Date Surveys of Surveys of the best of my knowledge and belief. Date Surveys of Surveys of the best of my knowledge and belief. Date Surveys of Surveys of the best of my knowledge and belief. Date Surveys of Surveys of the best of my knowledge and belief. Date Surveys of		cation of W	-			20 .	3000011		Las	L 	NMP	м	Lea
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Job separation sheet

APRIL 20, 1992 APPLICATION FOR PERMIT TO DRILL STEVENS & TULL, INC. FEDERAL "9" NO. 2

990' from the north line. 2310' from the east line. Section 9, T-20-S, R-33-E, Lea County, New Mexico.

The following items and attachments compliment Stevens & Tull, Inc.'s permit to drill the Federal "9" No. 2.

- 1) The geologic surface formation is of Quaternary Age.
- Estimated tops of geologic markers are as follows: The anhydrite 1325', salt 3050', Yates 3250'.
- 3) The estimated depths at which water is expected are between 150' and 350'. The estimated depths which oil or gas is expected is between 3200' and 3600' in the Yates dolomite and sand formations. Fresh water zones will be protected with independent casing and cement.
- 4) Red beds and fresh water will be protected with 8 5/8" 24# and 32# J-55 ST&C casing run to a good shoe setting at approximately 1300' with 13 centralizers and cement to surface. Anhydrite, salt and oil sands will be protected with 5 1/2" 17# J-55 LT&C casing run to a total depth of the well and cemented back to 100' inside the 8 5/8" casing shoe.
- 5) Pressure control, see the attached sketch.
- 6) Mud program, see the Horizon Mud Company recommendation attached.
- 7) There is no planned auxiliary equipment.
- 8) No logs, cores or DST's are planned.
- 9) No abnormal temperatures or pressures are expected. No lost circulation is expected.
- 10) The anticipated starting date is August 1, 1992.