FERMIT TO DRILL

PCN: C1170220L7 OKLAHOMA CORPORATION COMMISSION

OTC/OCC NUMBER: 15136-0 API NUMBER: 141-20316 APPROVAL DATE: 11/21/90

NOTICE OF INTENTION TO: DRILL

TYPE OF DRILLING OPERATION: STRAIGHT HOLE SEC: 4 TWP: O5S RGE: 14W

COUNTY: TILLMAN SPOT LOCATION: SE4 NW4 SW4 SW4

FEET FROM: SOUTH 1/4 SECTION LINE 836 FEET FROM: WEST 1/4 SECTION LINE 408

FEET FROM THE NEAREST LEASE LINE 165

LEASE NAME STEWART-WELFARE WELL NO: 1

OPERATOR NAME: HELTON OIL COMPANY

SURFACE OWNER ADDRESS
MARION L. STEWART
OPERATOR RETURN ADDRESS
HELTON OIL COMPANY

MARION L. STEWART HELTON OIL COMPA 3849 S. DRIVE 713 LAMAR ST.

FT. WORTH TX 76109 WICHITA FALLS TX 76301

OPERATION TO BEGIN: 00/00/00

FRESH WATER SUPPLY WELL DRILLED: NO SURFACE WATER USED TO DRILL: YES

FORMATION CODES, NAMES, DEPTHS, (PERMIT VALID FOR LISTED FORMATIONS ONLY)

 406THMS
 THOMAS
 /SD/
 1445

 406MGRL
 MEGARGEL
 /LM/
 1545

 406GNSG
 GUNSIGHT
 1645

SPACING ORDER NUMBERS: 2500

TOTAL DEPTH: 1750

GROUND ELEVATION: 1005 DEPTH TO BASE OF TREATABLE WATER-BEARING FM: 36

SURFACE CASING: 86

PIT INFORMATION:

TYPE OF PIT SYSTEM: ON-SITE TYPE OF MUD SYSTEM: WATER BASED

EXPECTED CHLORIDE CONTENT OF PIT: MAXIMUM 2200 PPM; AVERAGE 1200 PPM

DETERMINATION OF HYDROLOGICALLY SENSITIVE AREA NOT REQUIRED

CATEGORY OF PIT(S): 2

LINER NOT REQUIRED FOR CATEGORY: 2 PIT(S)

APPROVED METHOD FOR DISPOSAL OF DRILLING FLUIDS:

EVAPORATION/DEWATER AND BACKFILLING OF RESERVE PIT

THIS PERMIT DOES NOT ADDRESS THE RIGHT OF ENTRY OR SETTLEMENT OF SURFACE DAMAGES. THE DURATION OF THIS PERMIT IS SIX MONTHS, EXCEPT AS OTHERWISE PROVIDED BY RULE OCC-OGR 3-204.