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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. LG 3571	
7. Unit Agreement Name	
8. Farm or Lease Name State	
9. Well No. 16-1E	
10. Field and Pool, or Wildcat Basin Dakota/BallardP.C.	
12. County San Juan	

**SUNDY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER-	7. Unit Agreement Name
2. Name of Operator Tenneco Oil Company	8. Farm or Lease Name State
3. Address of Operator P.O. Box 3249, Englewood, Colorado 80155	9. Well No. 16-1E
4. Location of Well UNIT LETTER <u>P</u> , <u>1110</u> FEET FROM THE <u>South</u> LINE AND <u>1050</u> FEET FROM THE <u>East</u> LINE, SECTION <u>16</u> TOWNSHIP <u>26N</u> RANGE <u>8W</u> N.M.P.M.	10. Field and Pool, or Wildcat Basin Dakota/BallardP.C.
15. Elevation (Show whether DF, RT, GR, etc.) 6564 GR	12. County San Juan

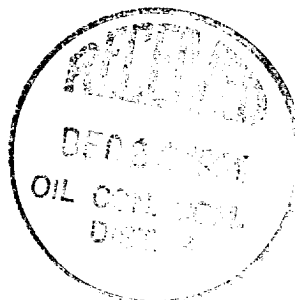
Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Due to changes in our drilling schedule we were unable to drill this well during the period of the original approval. We respectfully request an extension of the original approval of Intent to Drill. In addition we propose to alter the cementing, casing and production plans as attached.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,  
3-29-81



18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED R.A. Mishler R.A. Mishler TITLE Sr. Production Analyst DATE December 24, 1980

APPROVED BY Original Signed by FRANK T. CHAVEZ SUPERVISOR DISTRICT # 3 DATE DEC 29 1980

CONDITIONS OF APPROVAL, IF ANY:

TENNECO OIL COMPANY  
ROCKY MOUNTAIN DIVISION  
PENTHOUSE, 720 SOUTH COLORADO BOULEVARD  
DENVER, COLORADO 80222

DRILLING PROCEDURE

DATE: March 24, 1980

LEASE: State

WELL NO.: 16-1E

LOCATION: 1110' FSL, 1050' FEL  
Section 16, T 26N, R 8W  
San Juan County, New Mexico

FIELD: Basin Dakota  
Pictured Cliff

ELEVATION: 6564', Est. G.L.

TOTAL DEPTH: 6980'

PROJECTED HORIZON: PC Dual  
Dakota Basin

SUBMITTED BY: 

DATE: \_\_\_\_\_

APPROVED BY: 

DATE: \_\_\_\_\_

CC: Administration  
DSB Well File  
Field File

ESTIMATED FORMATION TOPS

Pictured Cliffs	2370'	(Gas)
Cliffhouse	3930'	(Water)
Menefee	4040'	
Point Lookout	4666'	(Water)
Mancos	4780'	
Greenhorn	6640'	(Water)
Dakota	6720'	(Gas)
T.D.	6980'	

DRILLING, CASING, AND CEMENT PROGRAM

1. MIRURT.
2. Drill a 12 1/4" hole to  $\pm$  250'. Run 9 5/8", 36#, K-55, ST&C. Set @ 250.
3. Cement surface casing to surface with Class "B" cement containing 2%  $\text{CaCl}_2$ .
4. Cut off casing and weld on casing head. Pressure test weld to 1000 psi. NU BOP's and manifold. Pressure test casing, BOP's, and manifold to 1000 psi 30 minutes. Pick up drilling assembly, TIH, and pressure test pipe rams to 1000 psi for 15 minutes.
5. Drill out shoe and reduce hole diameter to 8 3/4". Mud drill to 3500'.
6. Log open hole as requested by the Wellsite Geological Engineer. Run 7" csg to 3500' and cement to surface.
7. Gas drill 6 1/4 hole to TD.
8. If productive, run 4 1/2" liner, 10.5#, & 11.6#, K-55, ST&C production casing as per casing design to TD.
9. Cement production casing with 50/50 pozmix and tail in with 150 sx Class "B".
10. If non-productive, plug and abandon as per appropriate regulatory agency requirements.
11. Rig down, MORT.

### MUD PROGRAM

0-250 Spud mud.  
250-3500 Low solid, fresh water mud. (Water and Benex.) Mud up prior to running casing.  
3500-TD Gas.

### EVALUATION

Cores and DST's: None.

#### Deviation Surveys:

1. Survey surface hole at 100' intervals. Maximum allowable deviation at 500' is 1-1/2°.
3. From surface to total depth, deviation surveys must be taken every 500' or each trip, whichever is first. This may entail running the TOTCO on wireline. Record each survey on the IADC Drilling Report Sheet. Maximum allowable change in deviation is 1° per 100'. Maximum deviation allowable is 5°.

Samples: As requested by Wellsite Geological Engineer.

- Logs:
1. GR/IND FDC-GR-Cal TD to MV
  2. TDT through pictured cliffs.

### BLOWOUT EQUIPMENT

11" - 3000 BOP with rotating head to comply with TOC requirements as shown in BOE arrangement, Figure C. Preventers must be checked for operation every 24 hours with each check recorded on the IADC Drilling Report Sheet.

## REPORTS

Drilling reports for the past 24 hours will include depth, footage, time distribution, activity breakdown, mud properties, bit record, bottom hole assembly, daily and cumulative mud costs, plus any other pertinent information, will be called into Tenneco Oil Company, Denver, Colorado, between 7:30 a.m. and 8:00 a.m.

1. 303-758-7130 (Office) Don Barnes  
303-758-7287 (Office) Don Barnes' private line, Monday-Friday (before 7:45 a.m.)  
303-936-0704 (Home) Don Barnes, weekends and holidays.
2. John Owen (Home) 303-795-0221

The yellow sheet of the IADC Report is to be filled out completely. The original copy of the drilling time recorder, and copies of any invoices from this well, signed and received for Tenneco Oil Company, will be mailed daily to:

TENNECO OIL COMPANY  
ROCKY MOUNTAIN DIVISION  
PENTHOUSE, 720 SOUTH COLORADO BOULEVARD  
DENVER, COLORADO 80222

ATTENTION: Drilling Department

IN CASE OF EMERGENCY, NOTIFY THE FOLLOWING:

1. Mr. Don Barnes, Division Drilling Engineer.
2. Mr. John W. Owen, Project Drilling Engineer.
3. Mr. Mike Lacey, Division Production Manager (Home 303-979-0509).