SUBMIT IN TRIPLICATE.

(Other	instructions	on
	verse side)	

rorm	approved		
Budget	Bureau	No.	42-R1425.

		ITED STATES		reverse t	side)	30-045	. 24125
DEPARTMENT OF THE INTERIOR					30-045-24135 5. LEANE DESIGNATION AND SERIAL NO.		
GEOLOGICAL SURVEY					SF 076465		
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					6. IF INDIAN, ALLOT	TEE OR TRIBE NAME	
la. TYPE OF WORK	ILL 🛛	DEEPEN		PLUG BA		7. UNIT AGREEMENT	NAME
oir 🗀 a	VELL OTHER		SINGLE ZONE	MULTI ZONE	PLE	8. FARM OR LEASE I	NAME
2. NAME OF OPERATOR	VEDD CO OTHER		NONE	ZONE.		Cornell "E	311 —
TENNECO OIL	COMPANY					9. WELL NO.	
3. ADDRESS OF OPERATOR			0			lE -	
_	ado Blvd., Den					10. FIELD AND POOL	, OR WILDCAT
4. LOCATION OF WELL (R	-		th any State re	equirements.*)		·Basin Dako	ota —
2 1120) FNL 1570 FE	L				11. SEC., T., R., M., O AND SURVEY OR	
At proposed prod. zor	ne						,
						Sec. 14, T29N, R12W	
14. DISTANCE IN MILES 3.5 miles NW	of Bloomfield					12. COUNTY OR PARIS	ì
					T 48	San Juan	N.M.
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig, unit line, if any)						OF ACRES ASSIGNED	20.00
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			(550)			THE OR CABLE TOOLS	
21. ELEVATIONS (Show who 5811 GR						22. APPROX. DATE	WORK WILL START*
23.	· · · · · · · · · · · · · · · · · · ·	PROPOSED CASI	NG AND CEM	ENTING PROGR	AM ·	· /· //.	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER F	00T S	ETTING DEPTH	T	QUANTITY OF CEM	T N M
1211	8 5/8"	24# K-55) <u> </u>	Circu	late to surfa	<u> </u>
7 7/8"	411	10.5# K-55	655	50'	_	late to surfa	
							 -
	1	ł	f		·		•
nonproductive,	plug and aban	don per USGS	/BLM requ	uirements.			
			_				
abnormal tempe	ratures, press	ures or othe	r geologi	ic hazards	are exp	ected.	
						i.	
a mar ir dadina	المعا				44	•	·
e gas is dedica		_					
							:: .
•	سنسعد						

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S. GEOLOGICAL SURVEY IN ABOVE SPACE DESCRIBE PROPOSED PROPOSED PROPOSED IN PROPOSED PRO

osed region: it proposal is to deepen or plug back, give data on present projective zone and proposed new productive r deepen directionally, give pertinent data on subsurface locations and measured and the vertical depths. Give blowout vertical depths. Give blowout

24.

PERMIT NO.

SIGNED

TITLE Staff Production Analyst

(This space for Federal or State office use)

APPROVAL DATE

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE __

oh Frank

*See Instructions On Reverse Side

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO

P. O. BOX 2088 LHERGY AND MINERALS DEPARTMENT SANTA FE, NEW MEXICO 87501

Form C-102 Revised 10-1-78

Operator				cuter hounder	Ten of the Secti	m.	_ _	
TENNECO OIL COMPANY CORNELL "B"				Well No.				
	Section	Township	mobile 1-		County		1-E	· .
В	14	29N		12W	1 1	an Juan		
Actual Footage Locati								
Ground Level Elev.			and 15	70	feet from the	East	line	
5811	Producing Form	nation .	Pool	oin Dolont	_		Dedicated Acreage	:
				sin Dakot			320.00	Acres
1. Outline the	acreage dedicat	ed to the subject	et well by	colored per	ncil or hachu	re marks on t	he plat below.	
 Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 								
If more than dated by com	one lease of di	fferent ownership nitization, force-p	is dedic	ated to the v	vell, have the	interests of	all owners been	n consoli-
XX Yes	No If ans	swer is "yes," ty	pe of con	solidation _	Communit	ization		
If answer is	"no," list the o	wners and tract o	descriptio	ns which ha	ve actually h	een consolid	ated (Hee may	ر داده د
No allowable	will be assigned	d to the well unti	l all inter	ests have be	en consolida	ated (by com	munitization un	itization
torout pooring	g, or otherwise) o	or until a non-star	ndard unit	, eliminating	such interes	sts, has been	approved by the	Commis-
sion.							, , , , , , , , , , , , , , , , , , , ,	
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AMAX-21.331%	!	=	12	80.00	acres 🚍	tained her	ein is true and comp	
160.00 acres)		7	i		best of my	knowledge and belie	
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	l Sec	. !		1	5	Date		
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TENNECO OIL COMPANY

PROGNOSIS TO DRILL AND COMPLETE

DIVISION: Rocky Mountain DATE: September 13, 1979

LEASE: Cornell "B" WELL NO.: 1-E

LOCATION: 1120'FNL, 1570'FEL FIELD: Basin Dakota

Sec. 14, T 29N, R 12W

San Juan County, New Mexico

ESTIMATED ELEVATION: 5820'

ESTIMATED TOTAL DEPTH: 6550'

PROJECTED HORIZON: Dakota

DRILLING, CASING AND CEMENT PROGRAM:

(1) MIRURT.

- (2) Drill 12 1/4" hole to ± 300'. Run 8 5/8" O.D. 24# K-55 ST&C casing to 300'. Cement with sufficient volume to circulate cement to surface.
- (3) WOC minimum of 12 hours. Nipple up BOE. Test BOP, blind and pipe rams, casing and manifold to 600 psi prior to drilling out for 1/2 hour.
- (4) Drill 7 7/8" hole to T.D.
- (5) Run open hole logs as required.
- (6) Run 4 1/2", 10.5#, K-55 ST&C casing. Cement in 2 stages with stage collar + 4700'.
- (7) Cement first stage with sufficient volume to raise cement to stage tool. Circulate and WOC 4 hours between stages. Cement 2nd stage with sufficient volume to circulate to surface.
- (8) Set casing slips, cut off 4 1/2" casing. Nipple up well head.
- (9) RD. MORT.

ESTIMATED FORMATION TOPS:	Surface Nac		
OJO	670' Wai	ter	4600'
Pictured Cliffs	1900' Gas		5740' GAS
Lewis	2100'	Gallup	6260'
Cliffhouse	3450' Ga		6370' <i>G</i> 45
Menefe e	3600' Ga	s Dakota	6550'
Point Lookout	4250' Ga	s ^{TD}	6550

DRILLING MUD PROGRAM:

0 - 250° Native Solids. V/C WL. Use sufficient Viscosity to clean hole

and run casing.

Low Solids. 15 cc WL. Use sufficient viscosity to clean hole. Log 250' - TD

and run casing.

CORING AND TESTING PROGRAM:

NONE

DEVIATION SURVEYS:

Survey surface hole at 100' intervals. Maximum allowable deviation at

2. 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 AAODC Drilling Report Sheet. Maximum allowable change in deviation is 1° per 100'.

SAMPLES:

30' samples Surface to 6200' 6200' to T.D. 10' samples

WELL SURVEYS:

Majority of logs will be cased hole. GR-Neutron, or TDT. A few will be open hole GR-Induction.

10" 900 Series Hydraulic operated with complete shut off and pipe rams. BOP:

PREVENTORS MUST BE CHECKED FOR OPERATION EVERY 24 HOURS, AND THE CHECK MUST BE RE-CORDED ON THE AAODC 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 - Don Barnes private line - Monday-Friday (before 7:45 A.M.)
- 2. 303-936-0704 (home) Don Barnes weekends and holidays
- 3. 303-795-0221 (home) John Owen if Don Barnes not available

The yellow sheet of the IADC Report 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:

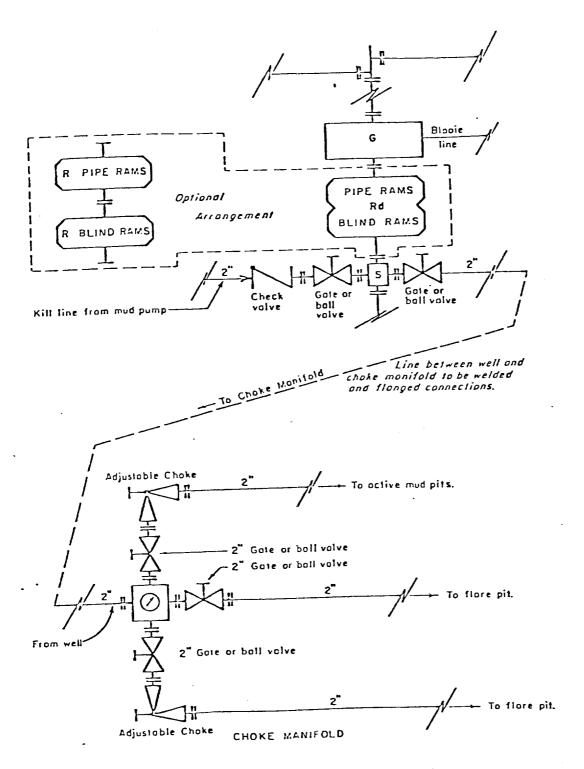
TENNECO OIL COMPANY
PENTHOUSE

720 SOUTH COLORADO BOULEVARD
DENVER, COLORADO 80222

ATTENTION: DRILLING DEPARTMENT

In case of an emergency, notify the following:

- 1. Mr. Don Barnes, Division Drilling Engineer 303-936-0704.
- 2. Mr. John Owen, Project Drilling Engineer 303-795-0221
- 3. Mr. Mike Lacey, Division Production Manager 303-979-0509.



All equipment to be 3,000 psi working pressure except as noted.

- Double ram type preventer with two sets of rams. Rd
- Single ram type preventer with one set of rams.
- Drilling spool with side outlet connections for choke and kill lines.
- Rotating head 150 psi working pressure minimum

ARRANGEMENT C

TENNECO OIL COMPANY ROCKY MOUNTAIN DIVISION REQUIRED MINIMUM BLOWOUT PREVENTER AN CHOKE MANIFOLD J. MAGILL 10-26-79

- 1. Existing Road -
- Please refer to Map No. 1 which shows the existing roads. New roads which will be required have been marked on this map. All existing and new roads will be properly maintained during the duration of this project.
- - Planned Access Roads Please refer to Map No. 1. The grade of the access roads will be consistent with that of the local terrain. The road surface will not exceed twenty feet (20') in width. Upon completion of the project, the access road will be adequately drained to control soil erosion. Drainage facilities may include ditches, water bars, culverts or any other measure deemed necessary by trained Company personnel to insure proper drainage. Gates and/or cattleguards will be installed if necessary.
- Location of Existing Wells Please refer to Map No. 2.
- Location of Tank Batteries, Production Facilities, and Production Gathering and Please refer to Maps No. 1 and No. 2. Map No. 2 shows the Service Lines existing roads and new proposed access roads. All known production facilities are shown on these two maps.
- Location and Type of Water Supply Water for the proposed project will be obtained from a private source.
- 6. Source of Construction Materials No additional materials will be required to build either the access road or the proposed location.
- Methods of Handling Waste Materials All garbage and trash materials will be 7. put into a burn pit shown on the attached Location Plat No. 1. When clean-up operations are begun on the proposed project, the burn pit with its refuse will be buried to a depth of at lease three feet (3'). A latrine, the location of which is also shown on Plat No. 1. will be provided for human waste. If large amounts of liquids are] left in the reserve pit after completion of the project, the pit will be fenced until the liquids have had adequate time to dry. The location clean-up will not take place until such time as the reserve pit can be properly covered over to prevent run-off from carrying any of these materials into the watershed. No earthen pit will be located on natural drainage: all earthen pits will be so constructed as to prevent leakage from occurring.

- 8. Ancillary Facilities No camps or airstrips will be associated with this project.
- 9. Wellsite Layout Please refer to the attached Plat No. 1.
- 10. Plans for Restoration of the Surface After completion of the proposed project the location will be cleaned and leveled. The location will be left in such a condition that will enable reseeding operations to be carried out. Seed mixture as designated by the responsible government agency will be used. The reseeding operation will be performed during the time period set forth by the regulatory body. The location production equipment will be painted as designated by the responsible government agency.
- 11. Other Information The proposed site is located atop a level mesa top. Minimal dirt work will be required in building the location. The access road will traverse the South East Mesa slope at a grade of less than 15% to reach the top.
- 12. Operator's Representative See drilling prognosis
- 13. Certification I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements mad in this plan are, to the best of my knowledge, true and correct; and that the work

of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Tenneco Oil Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

L. Freeman

Staff Production Analyst

TENNECO OIL COMPANY

CALCULATION SHEET

BJECT DRILLING WELL SITE LAYOUT CORNEIL "B" 1E

SCATION SEC 19 TA9N RIAW

OATE 12-6-79

WINDIAM STATE WORK FIAT

MESA TOP. -100-BUNK HOUSE RESERVE MUD PITS DRILLING PIT 10 RIG ⊕ WELL PiT CAT WALK PIPE RACKS 7.5 € 20'-Pit PARKING AREA 100' 40'

