

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-101

Revised February 10, 1999

Instructions on back

Submit to Appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

☐ AMENDED REPORT

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN OR PLUG BACK OR ADD A ZONE

1 Operator Name and Address FOUR STAR OIL AND GAS COMPANY 3300 N. Butler Ave., Suite 100 Farmington NM 87401		2 OGRID Number 131994
4 Property Code 19441	5 Property Name NEW MEXICO STATE COM DY	3 API Number 30-045-29402 6 Well No. 1

RECEIVED
AUG 26 1996
OIL CON. DIV.
DIST. 3

7 Surface Location									
Ul or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
D	36	T31N	R12W		805	NORTH	810	WEST	SAN JUAN

8 Proposed Bottom Hole Location If Different From Surface									
Ul or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
9 Proposed Pool 1 72319 BLANCO Mesa Verde N/320					10 Proposed Pool 2				

11 Work Type Code N	12 Well Type Code G	13 Rotary or C.T. ROTARY	14 Lease Type Code S	15 Ground Level Elevation 5943'
16 Multiple NO	17 Proposed Depth 5100'	18 Formation MESA VERDE	19 Contractor	20 Spud Date

21 Proposed Casing and Cement Program					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8-5/8"	24#	350'	250 SX	SURFACE
7-7/8"	4-1/2"	11.6#	5100'	1475 SX	SURFACE

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

FOUR STAR OIL & GAS CO. PROPOSES TO DRILL THIS DEVELOPMENT WELL. ATTACHED FOR REFERENCE ARE THE FOLLOWING:

- SURVEY
- WELLSITE LAYOUT
- AREA PLAT
- CASING PROGRAM
- MUD PROGRAM
- LOGGING PROGRAM
- CEMENTING PROGRAM
- BLOWOUT PREVENTION EQUIPMENT DIAGRAM

ARCHAEOLOGICAL CLEARANCE HAS BEEN RECOMMENDED. MOORE ANTHROPOLOGICAL RESEARCH - TECHNICAL REPORT NO. 96-027

23 I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature

Printed Name Ted A. Tipton

Title Operating Unit Manager

Date 8/22/96

Telephone 325-4397

OIL CONSERVATION DIVISION

9-4-96

Approved By:

Title:

DEPUTY OIL & GAS INSPECTOR, DIST. #3

Approval Date

SEP - 4 1996

Expiration Date

SEP - 4 1997

Conditions of Approval:

Attached ☐

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
P.O. Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Hondo Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number <i>30-045-2440.2</i>		2 Pool Code <i>72319</i>		3 Pool Name <i>BLANCO-MESAVERDE</i>			
4 Property Code <i>1944</i>		5 Property Name New Mexico Com DY				6 Well Number <i>1</i>	
7 OGRID No. <i>131994</i>		8 Operator Name FOUR STAR OIL & GAS CO.				9 Elevation <i>5943'</i>	

10 Surface Location

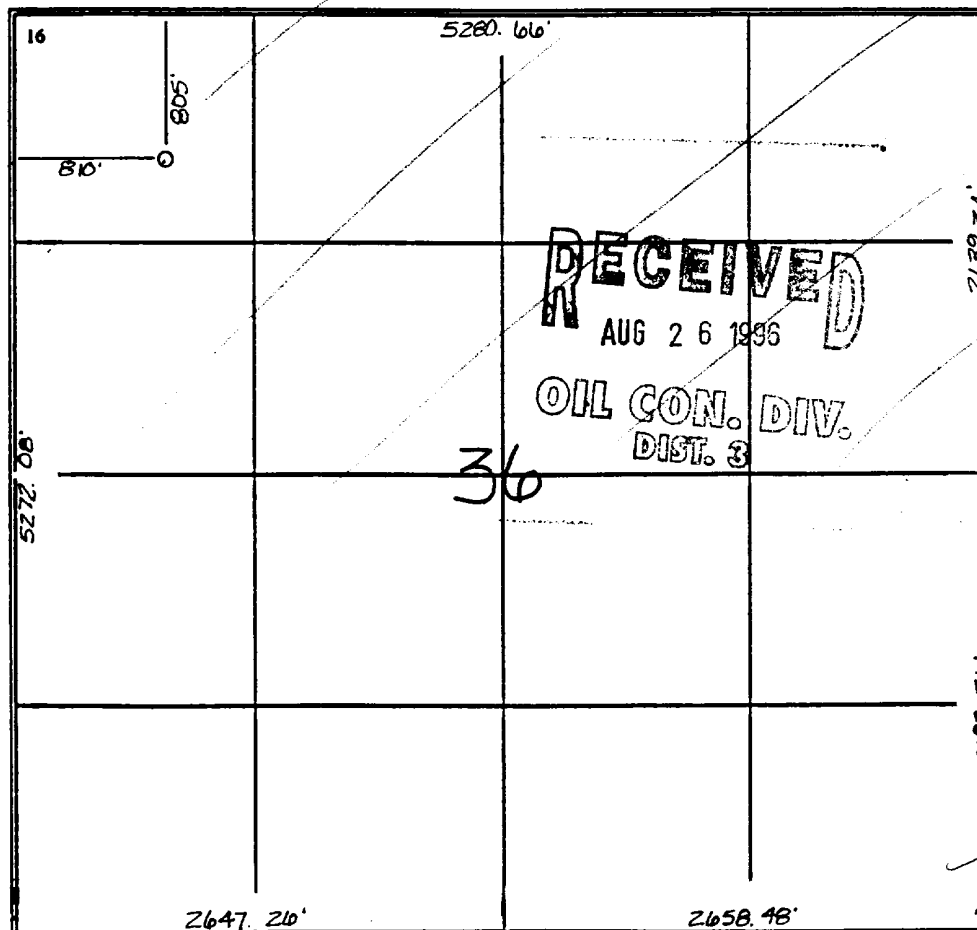
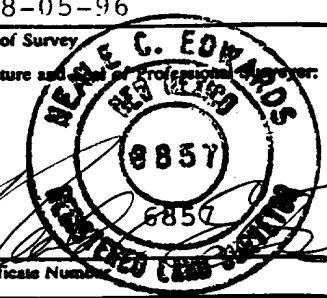
UL or lot no. <i>D</i>	Section <i>36</i>	Township <i>31 N</i>	Range <i>12 W</i>	Lot Ida	Feet from the <i>805</i>	North/South line <i>North</i>	Feet from the <i>810</i>	East/West line <i>West</i>	County <i>S.J.</i>
---------------------------	----------------------	-------------------------	----------------------	---------	-----------------------------	----------------------------------	-----------------------------	-------------------------------	-----------------------

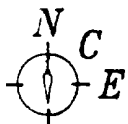
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
---------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

12 Dedicated Acres <i>4/320</i>	13 Joint or Infill	14 Consolidation Code	15 Order No.
------------------------------------	--------------------	-----------------------	--------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16 	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief <i>Rached Hindi</i> Signature <i>RACHED HINDI</i> Printed Name <i>SENIOR ENGINEER</i> Title <i>9/3/96</i> Date
	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. <i>8-05-96</i> Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number



P.O. BOX 6612
FARMINGTON, NEW MEXICO 87499
(505) 325-2654

SURVEYS, INC.

OPERATOR: FOUR STAR OIL & GAS CO.

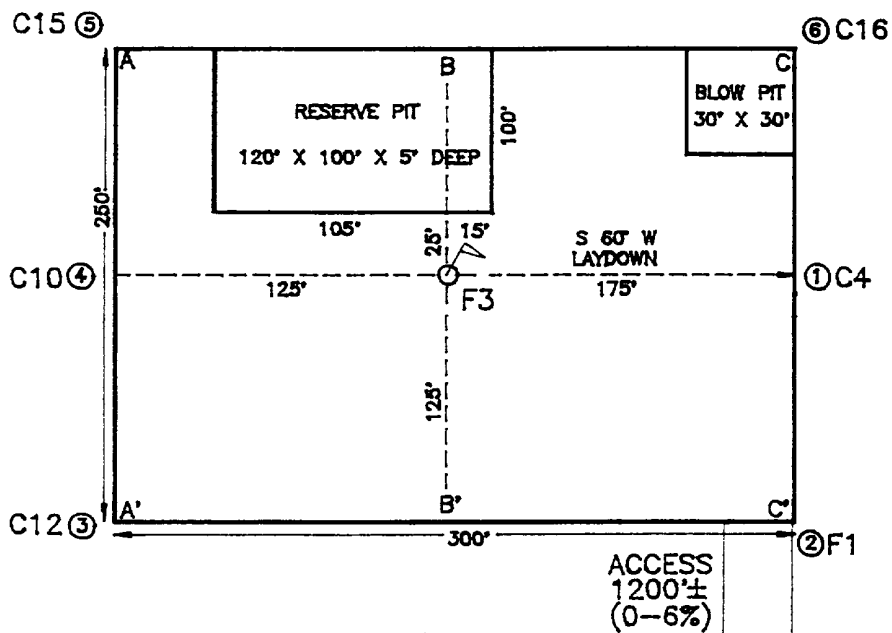
NAME: NEW MEXICO COM DY #1

FOOTAGE: 805' FNL 810' FWL

SECTION: 36 T 31 N, R 12 W, NMPM

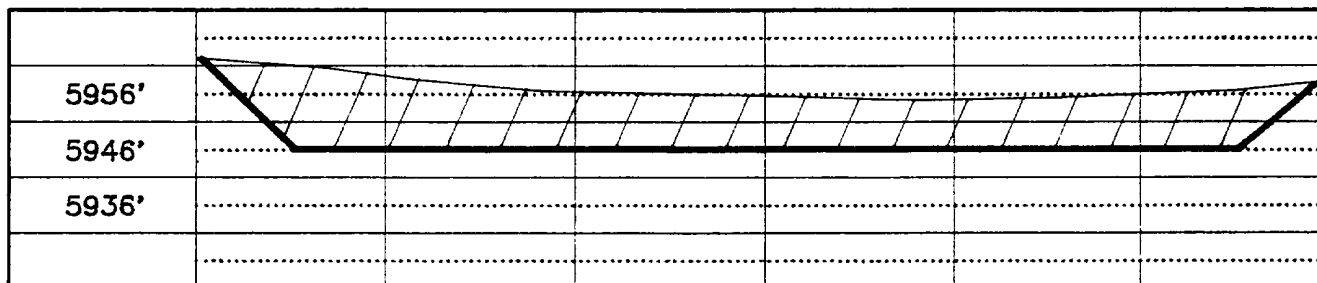
COUNTY: SAN JUAN STATE: NEW MEXICO

ELEVATION: 5943' DATE: 8/05/96



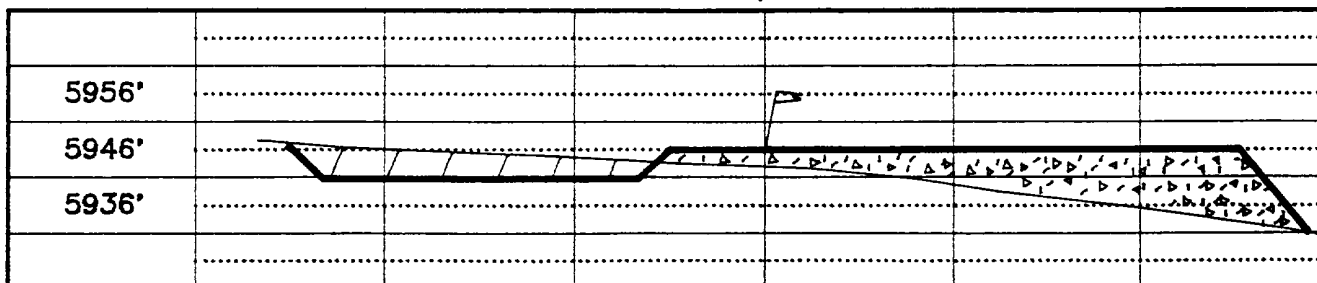
A-A'

C/L



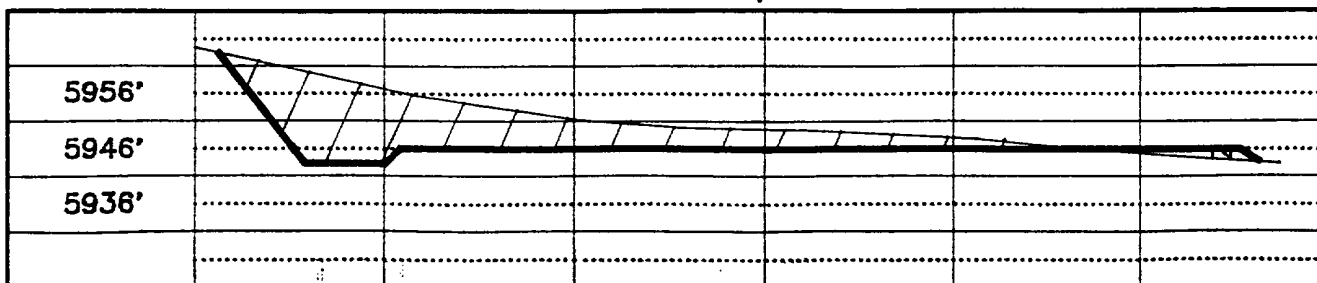
B-B'

C/L

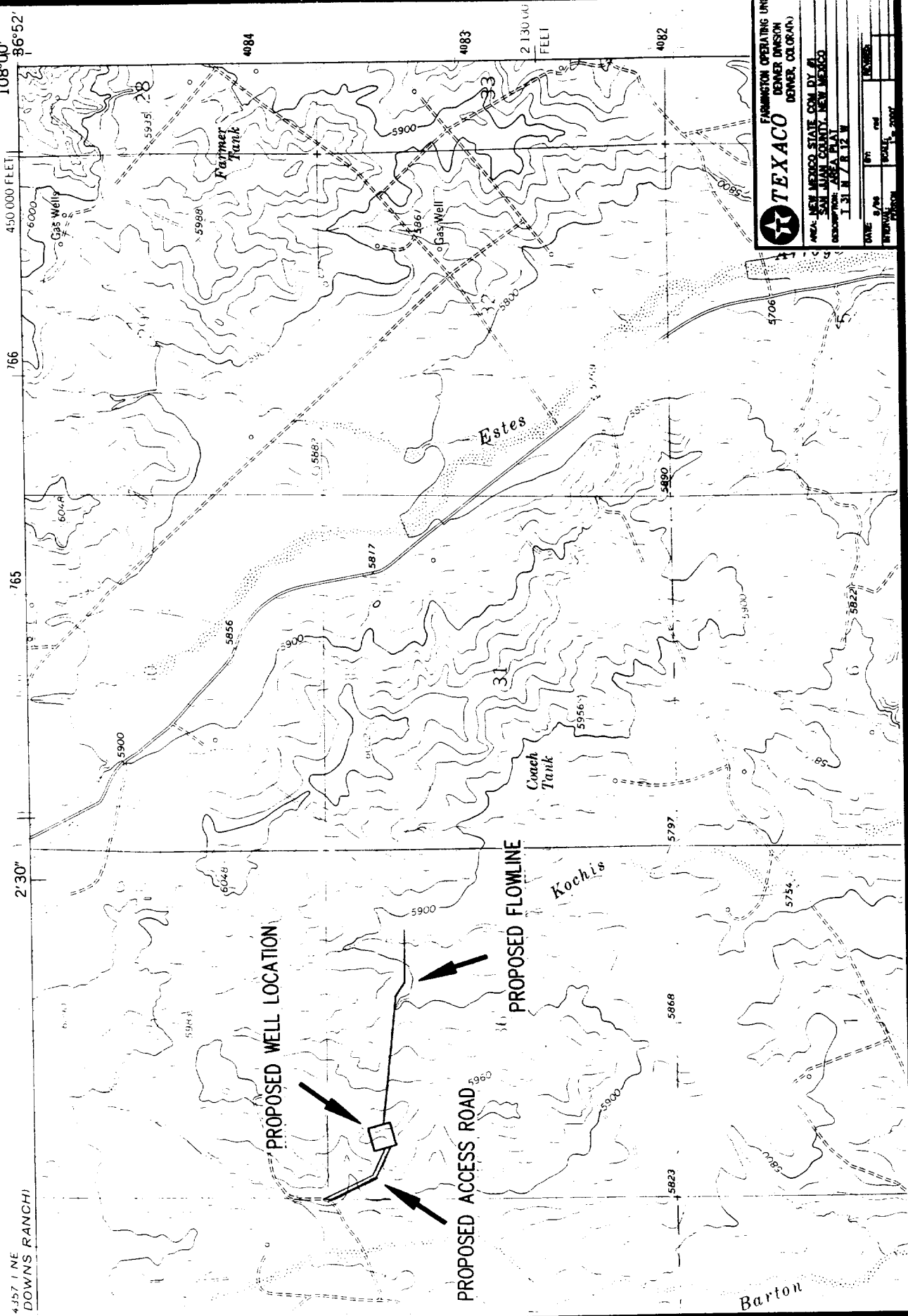


C-C'

C/L



FLORA VISTA QUADRANGLE
NEW MEXICO-SAN JUAN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



TEXACO
FARMINGTON OPERATING UNIT
DENVER DIVISION
DENVER, COLORADO

NEW MEXICO STATE COM. BY #
SAN JUAN COUNTY, NEW MEXICO
SECTION 12, T12N, R12E
1:25,000

DATE	BY	and	DATE

New Mexico State Com DY No. 1
San Juan Co., NM

CASING PROGRAM

Conductor

Casing: (Contractor discretion)

Surface

Casing: 11" hole, 8-5/8", 24#, WC-50, LTC, (surface - 350')

Production

Casing: 7-7/8" hole, 4-1/2", 11.6#, LS-65, LTC, (surface - 5100')

Tubing: 2-3/8", 4.7#, WC-50, EUE, (surface - 5100')

New Mexico State Com DY No. 1
San Juan Co., NM

CEMENTING PROGRAM

8-5/8" SURFACE CASING

WELL DATA:

DEPTH: 350 FT.
CASING: 8-5/8 IN.
OPEN HOLE: 11 IN.

CEMENT SYSTEMS:

250 SX CLASS G + 2 % S1 (CALCIUM CHLORIDE), 1/4# FLOCELE

DENSITY: 15.8 LB/GAL
YIELD: 1.15 CUFT/SX
TOC: CIRCULATE TO SURFACE

4-1/2" PRODUCTION CASING

WELL DATA:

DEPTH: 5100 FT.
CASING: 4-1/2 IN.
OPEN HOLE: 7 7/8 IN.

CEMENT SYSTEMS:

LEAD: 465 SX 35/65 POZ + 6 % GEL + 10#/SK GILSONITE, 2 % CC, 1/4# FLOCELE

DENSITY: 12.6 LB/GAL
YIELD: 1.89 CUFT/SX

TAIL: 1010 SX 50/50 POZ + 2 % GEL + 5#/SK GILSONITE, 2 % CC, 1/4# FLOCELE

DENSITY: 14 LB/GAL
YIELD: 1.22 CUFT/SX
TOC: CIRCULATE TO SURFACE

New Mexico State Com DY No. 1
San Juan Co., NM

MUD PROGRAM

<u>Est. Interval (RKB, ft.)</u>	<u>Type Mud</u>	<u>Mud Weight (ppg)</u>	<u>Visc. sec/qt</u>	<u>Fluid Loss (cc)</u>	<u>Remarks</u>
0'-350'	Fresh water	8.4	28	NC	Circ reserve, pH 9 w/lime
350'-TD	Fresh water/gel	8.4-8.5	30	20	Circ reserve, pH 9 w/lime 20 cc WL near TD

New Mexico State Com DY No. 1
San Juan Co., NM

LOGGING PROGRAM

1) Electric Logging

Interval

Logs

Run #1

Open hole:

2,000' - T.D.

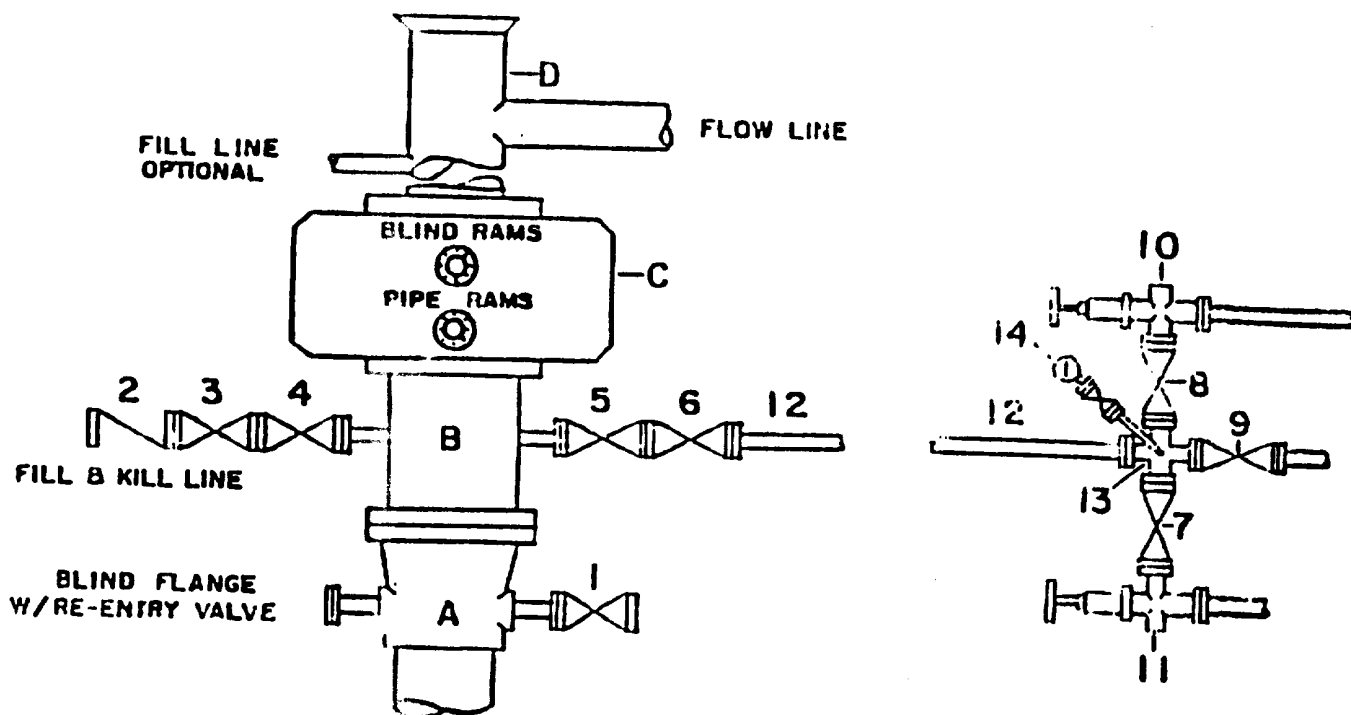
1) DEN-CNL-GR

SURFACE CASING to T.D.

2) DIL

DRILLING CONTROL CONDITION II-3000 PSI W/P

REVISION REQUIRED
NO. _____



DRILLING CONTROL

MATERIAL LIST - CONDITION II

- A Texaco Wellhead
- B 3000# W.P. drilling spool with a 2" minimum flanged outlet for kill-line and 3" minimum flanged outlet for choke line
- C 3000# W.P. Dual ram type preventer, hydraulic operated with 1" steel, 3000# W.P. control lines (where sub-structure height is adequate, 2-3000# W.P. single ram type preventers may be utilized.)
- D Bell nipple with flowline and fill-up outlets. (Kill line may also be used for fill-up line.)
- 1,3,4, 7,8 2" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.
- 2 2" minimum 3000# W.P. back pressure valve
- 5,6,9 1" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.
- 12 3" minimum schedule 80, Grade "B", seamless line pipe
- 13 2" minimum x 3" minimum 3000# W.P. flanged cross
- 10, 11 2" minimum 3000# W.P. adjustable choke bodies
- 14 Cameron Mud Gauge or equivalent (location optional in choke line.)



TEXACO, INC.
MIDLAND DIVISION
MIDLAND, TEXAS



SCALE	DATE	EST. NO.	ORD. NO.
DRAWN			
CHECKED BY:			
APPROVED BY:			

EXHIBIT B