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

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-101
Revised February 10,199
Instructions on bac
Submit to Appropriate District Offic
State Lease - 6 Copie
Fee Lease - 5 Copie
☐ AMENDED REPORT

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

1 Operator Name and Address	2 OGRID Number
CHEVRON USA INC 15 SMITH ROAD, MIDLAND, TX 79705	4323 3 API Number 30-025-36742

4 Property Code	5 Property Name	6 Well No.
30020	V. M. HENDERSON	17

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
A	30	21-S	37-E		1308'	NORTH	1120'	EAST	LEA

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	10 Proposed Pool 2
PENROSE SKELLY GRAYBURG	

11 Work Type Code	12 WellType Code	13 Rotary or C.T.	14 Lease Type Code	15 Ground Level Elevation
N	O	ROTARY	P	3492'
16 Multiple	**17 Proposed Depth**	**18 Formation**	**19 Contractor**	**20 Spud Date**
No	4350'	GRAYBURG		7/1/2004

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#	400'	150 SX	CIRCULATE
7 7/8"	5 1/2"	15.5#	3940'	820 SX	CIRCULATE

Permit Explres 1 Year From Approval Date Unless Drilling Underway

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

SURFACE CASING: 150 SX CLASS C WITH 2% CACL2, YIELD 1.34, CEMENT WEIGHT-14.8
PRODUCTION CASING: LEAD IN WITH 550 SX CLASS H 35/65 POZ WITH 6% GEL, 5% SALT, & 1/4# CELL, YIELD 2.14, CEMENT WEIGHT-12.4
TAIL IN WITH 270 SX CLASS H 50/50 POZ WITH 2% GEL, 5% SALT, & 1/4# CELL, YIELD 1.35, CEMENT WEIGHT-14.2
MUD PROGRAM: 0-400' FRESH WATER, 8.4 WEIGHT, CIRC PITS OR RESERVE, VISC. 28
400-3940' BRINE WATER, 10 WEIGHT, CIRC RESERVES, LIME PH9,VISC 29
STARCH/GEL IF NEEDED
BOP PROGRAM: 11" ANNULAR 2M PRESSURE RATING
7 7/8" EXHIBIT C 3M PRESSURE RATING
NON STANDARD LOCATION APPROVAL: ORDER NSL-5065 (SD)

RECEIVED Hobbs OCD

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 Denise Leake
Printed Name Denise Leake
Title Regulatory Specialist
Date 6/11/2004 Telephone 915-687-7375

OIL CONSERVATION DIVISION

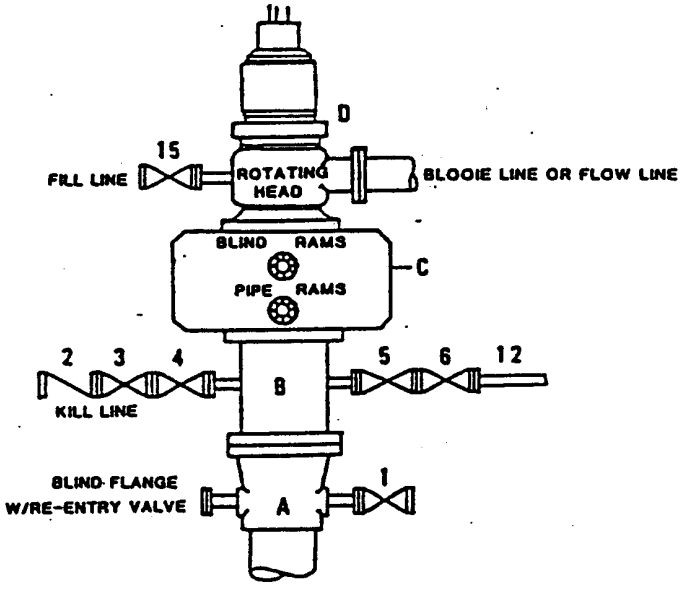
Approved By: PETROLEUM ENGINEER
Title:
Approval Date: JUN 24 2004 Expiration Date:
Conditions of Approval:
Attached ☐

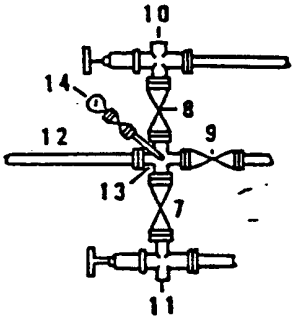
DeSoto/Nichols 3-94 ver 1.10

DRILLING CONTROL
CONDITION II-B 3000 WP

FOR AIR DRILLING OR
WHERE NITROGEN OR AIR BLOWS ARE EXPECTED

H_2S TRIM REQUIRED
YES_____ NO X





DRILLING CONTROL

MATERIAL LIST - CONDITION II - B

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	Rotating Head with fill up outlet and extended Blooie 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	3" 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).
15	2" minimum 3000# W.P. flanged or threaded full opening steel gate valve, or Halliburton Lo Torc Plug valve.

TEXACO, INC.
MIDLAND DIVISION
MIDLAND, TEXAS

SCALE	DATE	EST. NO.	DRG. NO.
DRAWN BY			
CHECKED BY			
APPROVED BY			

EXHIBIT C

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

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

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

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

Form C-102
Revised May 17, 2002

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	[2] Pool Code	[3] Pool Name
30-025-36742	50350	Penrose Skelly (Grayburg)

[4] Property Code	[5] Property Name	[6] Well Number
30020	V.M. Henderson	17

[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	CHEVRON USA, Inc.	3492'

[10] Surface Location

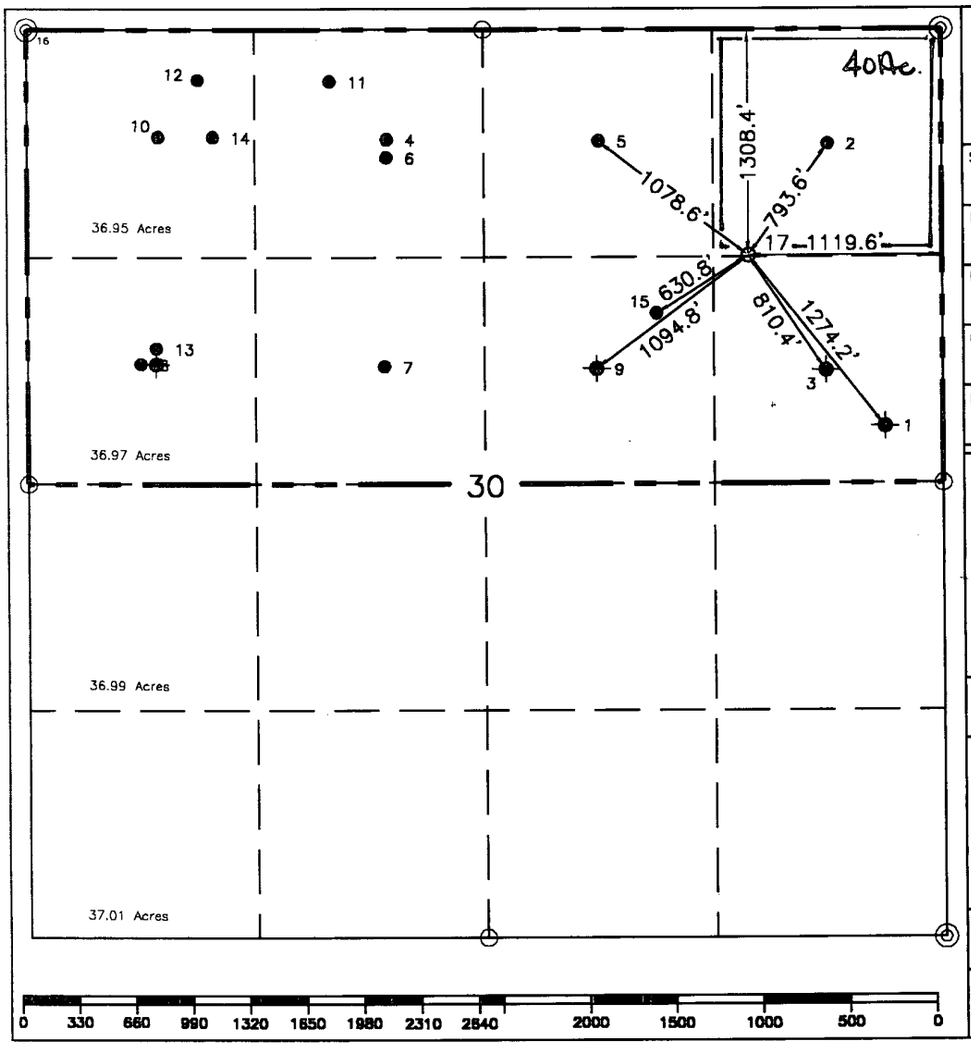
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	[7] County
A	30	21-S	37-E		1308.4'	North	1119.6'	East	Lea

[11] 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	[7] County

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
40			NSL-5065 (SD)

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.



[17] OPERATOR CERTIFICATION

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

Signature: Ted Tipton

Printed Name: Ted Tipton

Position: Manager of Drilling Department

Company: Chevron USA, Inc.

Date: May 1, 2004

[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 knowledge and belief.

Date Surveyed: April 22, 24, 26, & 27, 2004

Signature & Seal of Professional Surveyor

Certificate No. 7254 John S. Piper

Sheet 1 of 1

○ = Staked Location ● = Producing Well = Injection Well ⊹ = Water Supply Well ✚ = Plugged & Abandon Well
◎ = Found Section Corner, 2 or 3" Iron Pipe & GLO B.C. ○ = Found /4 Section Corner, 1" Iron Pipe & GLO B.C.

ADDITIONAL INFORMATION ON THE LOCATION

State Plane Coordinates			
Northing 530606.85 (1927= 530547.08)		Easting 891758.17 (1927= 850573.79)	
Latitude 32°27'12.879" (1927= 32°27'12.443")		Longitude 103°11'50.295" (1927= 103°11'48.601")	
Zone	North American Datum	Combined Grid Factor	Coordinate File
East	1983	0.9998823	Weathrly.cr5
Drawing File		Field Book	
Chevron-Eunice.Dwg		Lea #23, Pg. 45	

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
March 12, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐
Type of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐ Per DP

Operator: ____CHEVRON U.S.A. INC._Telephone: __432-687-7375 e-mail address: ____LEAKEJD@CHEVRONTEXACO.COM_
Address: ___15 SMITH ROAD, MIDLAND, TEXAS 79705_____
Facility or well name: __V. M. HENDERSON #17_API #: ___NEW_U/L or Qtr/Qtr___A__Sec 30__T_21-S_R_ 37-E
County: _____LEA____ Latitude_____ Longitude_____ NAD: 1927 ☐ 1983 ☐ Surface Owner Federal ☐ State ☐ Private ☐ Indian ☐
API # 30-025-36742

Pit	**Below-grade tank**	
Type: Drilling ☒ Production ☐ Disposal ☐ Workover ☐ Emergency ☐ Lined ☒ Unlined ☐ Liner type: Synthetic ☒ Thickness _____mil Clay ☐ Volume 4106_bbl	Volume: _____bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes ☐ If not, explain why not. _____	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes No	(20 points) (0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points)
	Ranking Score (Total Points)	10

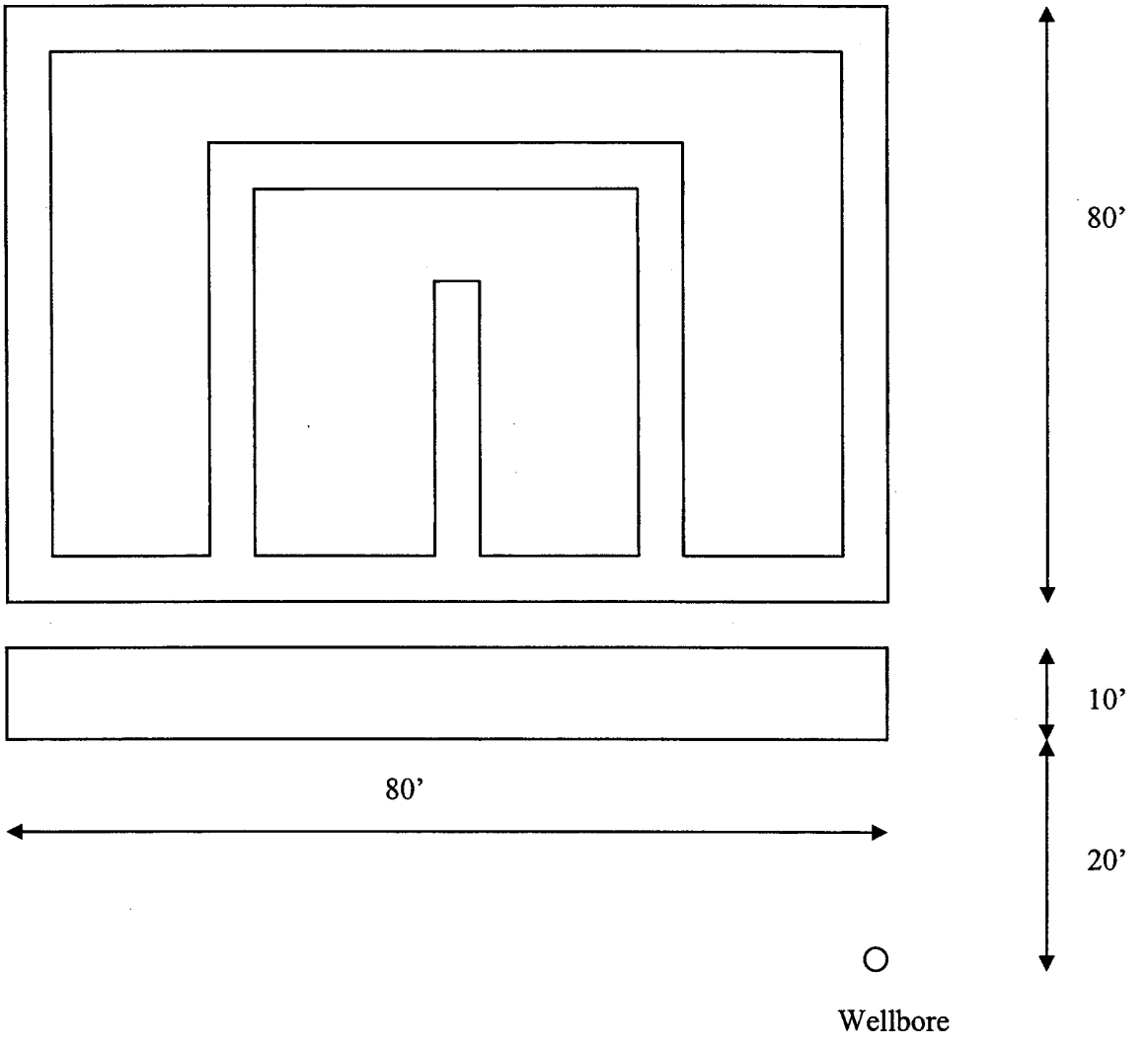
RECEIVED JUN 2004 Hobbs OCD

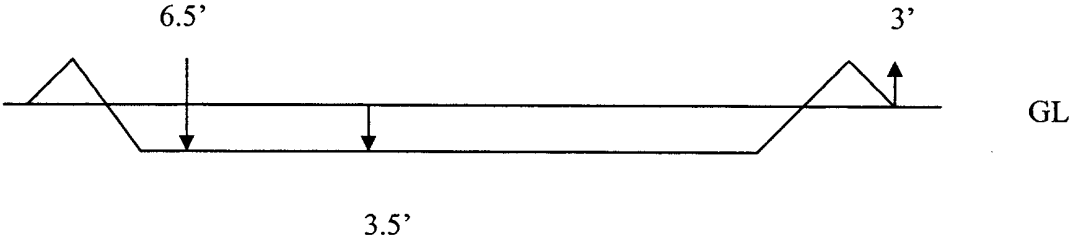
If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: onsite ☐ offsite ☐ If offsite, name of facility_____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface_____ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. **I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.**
Date: 6-17-2004
Printed Name/Title_____MIKE HOWELL PETROLEUM ENGINEER__ Signature_____Mike Howell_____
Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:
Date: 6/24/04
Printed Name/Title_____PETROLEUM ENGINEER_____ Signature_____

CapStar #16 Pit Design V. M. Henderson #17





June 17, 2004

ChevronTexaco

To whom it may concern,

I, Mike Howell, Petroleum Engineer for the ChevronTexaco, hereby certify that the pit design and construction for the V. M. Henderson #17 is according to the guidelines for a standard pit.

Sincerely,

Mike Howell

Mike Howell