

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-10/
Revised February 10, 1999
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

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

¹ Operator Name and Address TEXACO EXPLORATION & PRODUCTION INC. 205 E. Bender, HOBBS, NM 88240		² OGRID Number 022351
		³ API Number 30-025-32229
⁴ Property Code 013195	⁵ Property Name DAVIS, F. B.	⁶ Well No. 4

⁷ Surface Location

UI or lot no	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
H	8	23-S	37-E		2004	NORTH	650	EAST	LEA

⁸ Proposed Bottom Hole Location If Different From Surface

UI or lot no	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
A	8	23-S	37-E		700'	NORTH	330'	EAST	LEA

⁹ Proposed Pool 1
GLORIETA-UPPER PADDOCK

¹⁰ Proposed Pool 2

¹¹ Work Type Code P	¹² WellType Code O	¹³ Rotary or C.T. ROTARY	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation GR-3319'
¹⁶ Multiple No	¹⁷ Proposed Depth 7410 MD	¹⁸ Formation GLORIETA/PADDOCK	¹⁹ Contractor	²⁰ Spud Date 9/3/00

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#	1185'	550 SX CL C, CIR126	
7-7/8"	5-1/2"	15.5#, 17#	5475'	1290 SX, CIR 47	

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.

TEXACO INTENDS TO DRILL A HORIZONTAL LATERAL IN THE SUBJECT WELL. THE WELL PATH IS ATTACHED.

TOP OF WINDOW - 5010' MD
BOTTOM OF WINDOW - 5016' MD
KOP - 5019' MD

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

Horizontal

*Simultaneous Dedication & Project Area is being
requested thru OCD in Santa Fe -*

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

J. Denise Leake

Printed Name

J. Denise Leake

Title

Engineering Assistant

Date

6/30/00

Telephone

397-0405

OIL CONSERVATION DIVISION

Approved By:

Title:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

Scientific Drilling Inc.

Planning Report

Company: Teague F & P, Inc.	Date: 06/20/2000	Time: 14:45:00	Page: 1
Field: Teague SW (Glorieta - Upper Paddock)	Coordinate (N/E) Reference: Site: Lea County, New Mexico, Grid North	Vertical (V) Reference: SITE 0.0 above Mean Sea Level	
Site: Lea County, New Mexico	Section (VS) Reference: Site: (JDE, DONS-342)	Plan: Plan #1	
Well: F. B. Davis #4H			
Wellpath: 1030' N Lateral			

Field: Teague SW (Glorieta - Upper Paddock)

Map System: US State Plane Coordinate System 1927
 Ellipsoid: Clarke - 1866
 Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
 North Reference: Grid
 Geomagnetic Model: Igrf2000

Site: Lea County, New Mexico

Site Position: From: Local Only
 Position Uncertainty: 0.0 ft
 Water Depth: 0.0 ft
 Northing: ft
 Easting: ft
 Latitude: ft
 Longitude: deg
 Magnetic Declination: 0.00 deg
 Grid Convergence: deg

Well: F. B. Davis #4H

Well Position: +N/-S 0.0 ft
 From Slot: +E/-W 0.0 ft
 Position Uncertainty: 0.0 ft
 Northing: ft
 Easting: ft
 Latitude: ft
 Longitude: deg

Wellpath: 1030' N Lateral

Vertical Section: +N/-S 0.0 ft
 From: Site +E/-W 0.0 ft
 Measured Depth Reference: SITE

Drilled From: Surface
 Tie-on Depth: ft
 V.Section Direction: 5.30 deg
 Above System Datum: Mean Sea Level

Plan: Plan #1

Date Composed: 06/20/2000
 Version: 1

Principal: Yes

Locked: No

Plan Section Information

MD ft	Incl deg	Azimuth deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
4800.0	0.00	5.30	4800.0	0.0	0.0	0.00	0.00	0.00	0.00	
5000.0	0.00	5.30	5000.0	0.0	0.0	0.00	0.00	0.00	5.30	
5204.9	90.30	5.30	5130.0	130.1	12.1	44.07	44.07	0.00	5.30	
5205.2	90.32	5.29	5130.0	130.4	12.1	6.00	5.76	-1.68	-16.29	
6103.6	90.32	5.29	5125.0	1025.0	95.0	0.00	0.00	0.00	0.00	Toe Davis 4H

Section 1 : Start Hold

MD ft	Incl deg	Azimuth deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
4800.0	0.00	5.30	4800.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
4900.0	0.00	5.30	4900.0	0.0	0.0	0.0	0.00	0.00	0.00	5.30
5000.0	0.00	5.30	5000.0	0.0	0.0	0.0	0.00	0.00	0.00	5.30

Section 2 : Start Build 44.07

MD ft	Incl deg	Azimuth deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
5010.0	4.41	5.30	5010.0	0.4	0.0	0.4	44.07	44.07	0.00	0.00
5020.0	8.81	5.30	5019.9	1.5	0.1	1.5	44.07	44.07	0.00	0.00
5030.0	13.22	5.30	5029.7	3.4	0.3	3.4	44.07	44.07	0.00	0.00
5040.0	17.63	5.30	5039.4	6.1	0.6	6.1	44.07	44.07	0.00	0.00
5050.0	22.04	5.30	5048.8	9.5	0.9	9.5	44.07	44.07	0.00	0.00
5060.0	26.44	5.30	5057.9	13.5	1.3	13.6	44.07	44.07	0.00	0.00
5070.0	30.85	5.30	5066.7	18.3	1.7	18.4	44.07	44.07	0.00	0.00
5080.0	35.26	5.30	5075.0	23.7	2.2	23.8	44.07	44.07	0.00	0.00
5090.0	39.67	5.30	5083.0	29.8	2.8	29.9	44.07	44.07	0.00	0.00
5100.0	44.07	5.30	5090.4	36.4	3.4	36.6	44.07	44.07	0.00	0.00
5110.0	48.48	5.30	5097.3	43.6	4.0	43.8	44.07	44.07	0.00	0.00
5120.0	52.89	5.30	5103.7	51.3	4.8	51.6	44.07	44.07	0.00	0.00
5130.0	57.29	5.30	5109.4	59.5	5.5	59.8	44.07	44.07	0.00	0.00
5140.0	61.70	5.30	5114.5	68.1	6.3	68.4	44.07	44.07	0.00	0.00

Scientific Drilling Inc.

Planning Report

Company: Trench E & P, Inc.	Date: 08/20/2000	Time: 14:00:00	Page: 2
Field: Regal SW (Gloria - Upper Parroco)	Client: (S) Reference	Site: San Luis County, New Mexico, GSA North	
Site: San Luis County, New Mexico	Project: (S) Reference	Site: 507500 above Mean Sea Level	
Well: P. B. Davis 24H	Section: (S) Reference	Site: (S) Reference	
Wellpath: 1030 N. Laurel	Plan: Plan #1		

Section 2: Start Build 44.07

MD ft	Incl deg	Azim deg	TVD ft	TV-S ft	EA-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
5150.0	66.11	5.30	5118.9	77.0	7.1	77.4	44.07	44.07	0.00	0.00
5160.0	70.52	5.30	5122.6	86.3	8.0	86.6	44.07	44.07	0.00	0.00
5170.0	74.92	5.30	5125.5	95.8	8.9	96.2	44.07	44.07	0.00	0.00
5180.0	79.33	5.30	5127.8	105.5	9.8	105.9	44.07	44.07	0.00	0.00
5190.0	83.74	5.30	5129.2	115.3	10.7	115.8	44.07	44.07	0.00	0.00
5200.0	88.15	5.30	5129.9	125.3	11.6	125.8	44.07	44.07	0.00	0.00
5204.9	90.30	5.30	5130.0	130.1	12.1	130.7	44.07	44.07	0.00	0.00

Section 3: Start DLS 6.00 TFO -16.29

MD ft	Incl deg	Azim deg	TVD ft	TV-S ft	EA-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
5205.2	90.32	5.29	5130.0	130.4	12.1	131.0	6.00	5.76	-1.68	-16.29

Section 4: Start Hold

MD ft	Incl deg	Azim deg	TVD ft	TV-S ft	EA-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
5300.0	90.32	5.29	5129.5	224.8	20.8	225.8	0.00	0.00	0.00	0.00
5400.0	90.32	5.29	5128.9	324.4	30.1	325.8	0.00	0.00	0.00	0.00
5500.0	90.32	5.29	5128.4	424.0	39.3	425.8	0.00	0.00	0.00	0.00
5600.0	90.32	5.29	5127.8	523.5	48.5	525.8	0.00	0.00	0.00	0.00
5700.0	90.32	5.29	5127.2	623.1	57.8	625.8	0.00	0.00	0.00	0.00
5800.0	90.32	5.29	5126.7	722.7	67.0	725.8	0.00	0.00	0.00	0.00
5900.0	90.32	5.29	5126.1	822.3	76.2	825.8	0.00	0.00	0.00	0.00
6000.0	90.32	5.29	5125.6	921.8	85.4	925.8	0.00	0.00	0.00	0.00
6103.6	90.32	5.29	5125.0	1025.0	95.0	1029.4	0.00	0.00	0.00	0.00



Scientific
Drilling

Texaco E & P, Inc.

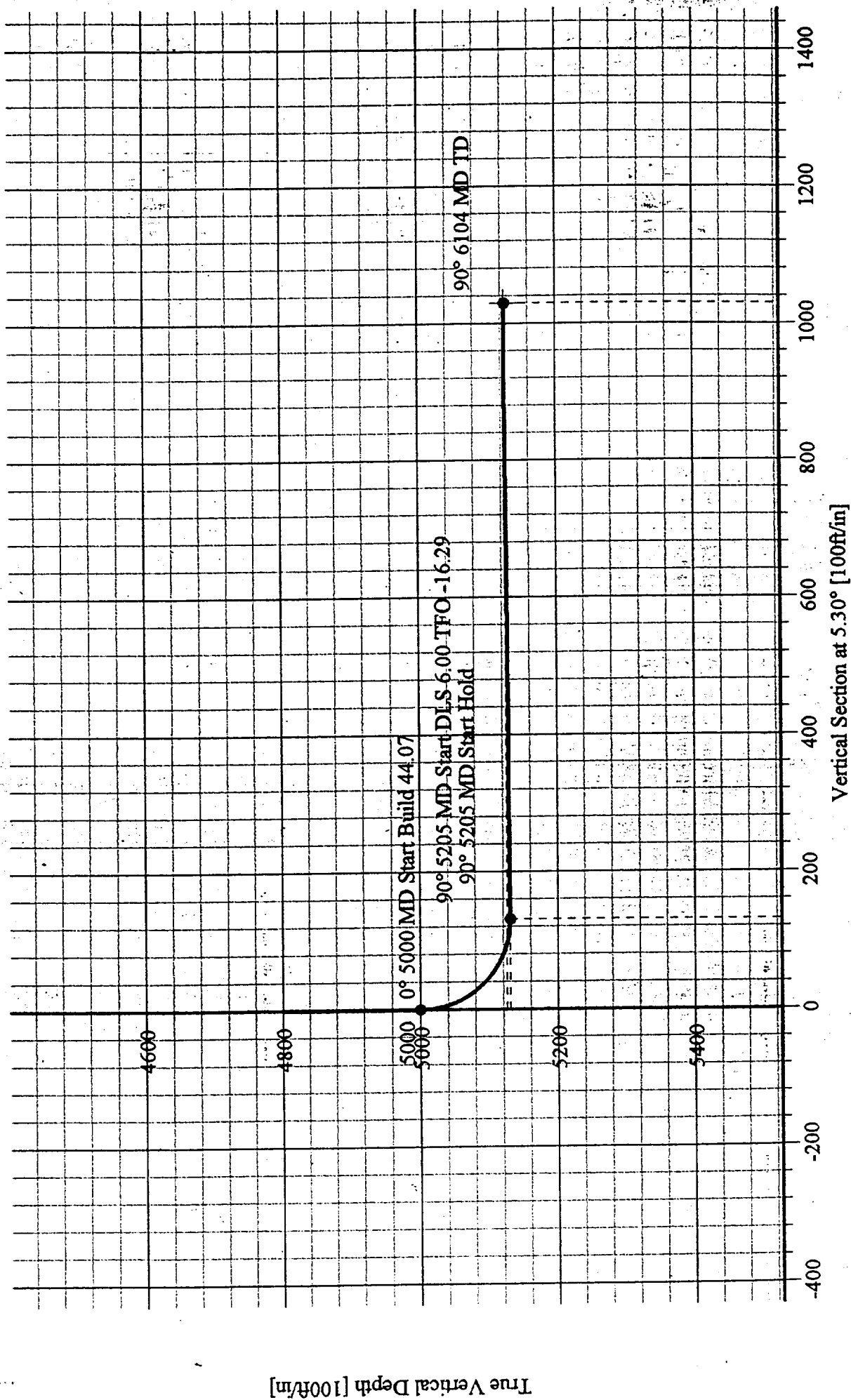
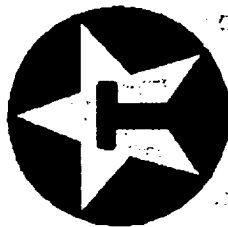
Field: Teague SW (Glorieta - Upper Paddock)

Site: Lea County, New Mexico

Well: F. B. Davis #4H

Wellpath: 1030' N Lateral

Plan: Plan #1

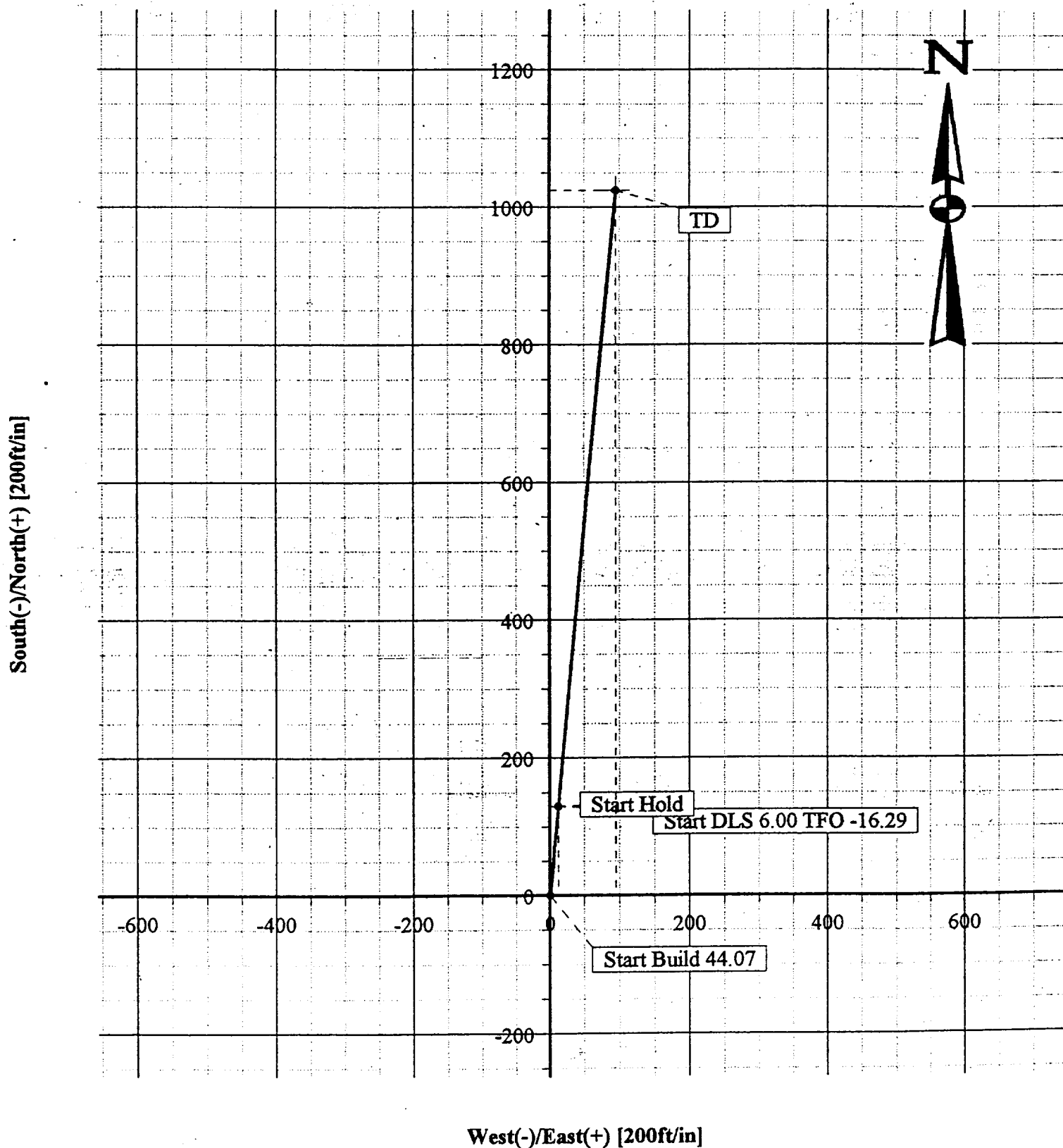
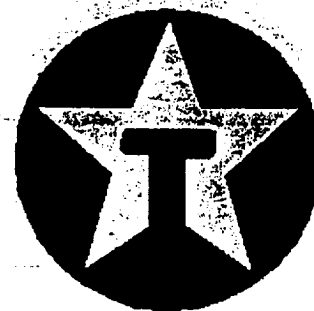


Lexaco E & P, Inc.



**Scientific
Drilling**

Field: Teague SW (Glorieta - Upper Paddock)
Site: Lea County, New Mexico
Well: F. B. Davis #4H
Wellpath: 1030' N Lateral
Plan: Plan #1



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P.O. Box 1980, Hobbs, NM 88241-1980
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Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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Form C-102
Revised February 10, 1999
Instructions on back
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State Lease - 4 Copies
Fee Lease - 3 Copies
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-32229	² Pool Code 58595	³ Pool Name SW TEAGUE, GLORIETAUP.PADDOCK
⁴ Property Code 013195	⁵ Property Name DAVIS, F. B.	
⁷ OGRID Number 022351	⁸ Operator Name TEXACO EXPLORATION & PRODUCTION INC.	⁶ Well No. 4 ⁹ Elevation GR-3319'

¹⁰ Surface Location

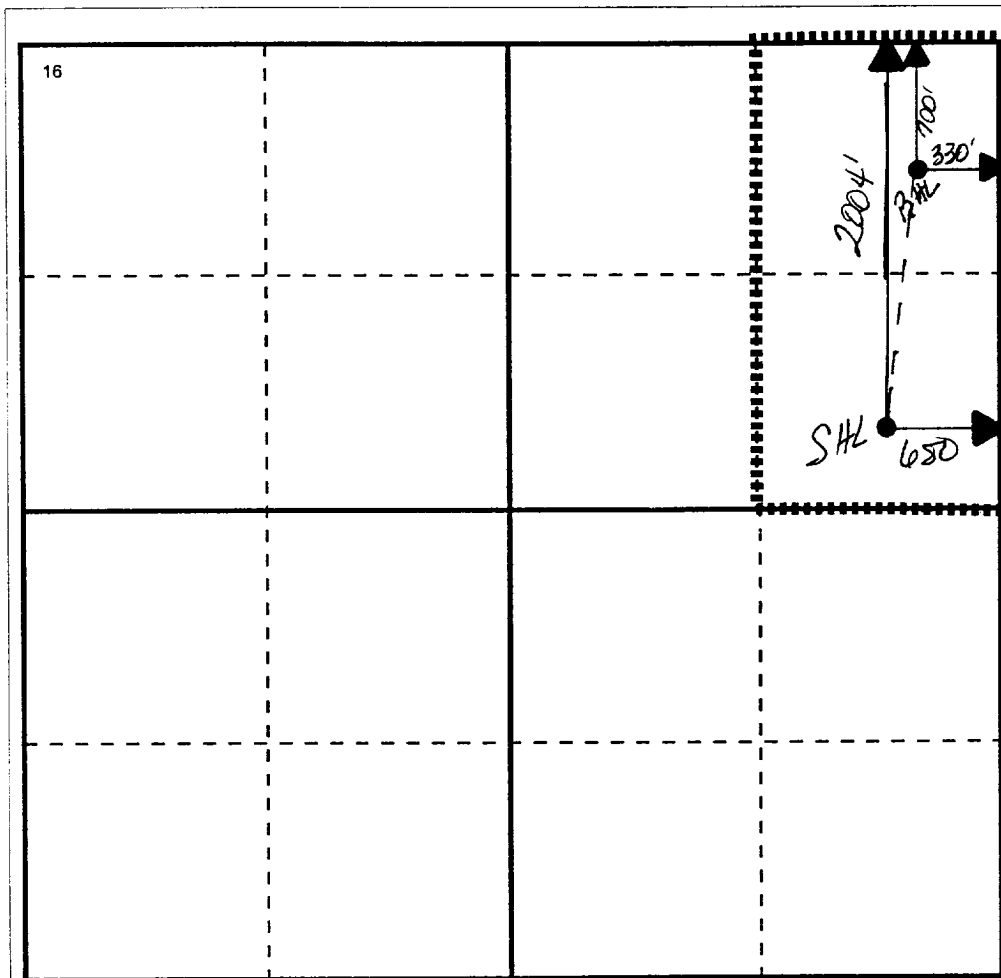
Ul or lot no	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
H	8	23-S	37-E		2004	NORTH	650	EAST	LEA

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	County
A	8	23-S	37-E		700'	NORTH	330'	EAST	LEA

¹² Dedicated Acre 80	¹³ Joint or Infill No	¹⁴ Consolidation Code	¹⁵ Order No.
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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
J. Denise Leake

Printed Name
J. Denise Leake

Position
Engineering Assistant

Date
6/30/00

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

Signature & Seal of
Professional Surveyor

Certificate No.

