

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-10/
Revised February 10, 1999

OIL CONSERVATION DIVISION

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

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 32944
⁴ Property Code 11060	⁵ Property Name SIMS, R. R. 'A'	⁶ Well No. 6

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
M	4	23-S	37-E		500	SOUTH	375	WEST	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
M	4	23-S	37-E		330'	SOUTH	860'	WEST	LEA
⁹ Proposed Pool 1 GLORIETA - UPPER PADDOCK					¹⁰ Proposed Pool 2				

¹¹ Work Type Code P	¹² Well Type Code O	¹³ Rotary or C.T. ROTARY	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3324' GL, 3339' KB
¹⁶ Multiple No	¹⁷ Proposed Depth 5584 MD	¹⁸ Formation GLORIETA/PADDOCK	¹⁹ Contractor	²⁰ Spud Date 8/26/00

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#	1192'	550 SACKS	SURFACE
7 7/8	5 1/2	15.5 & 17#	5429'	1500 SACKS	1200'

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.

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

WELL PATHS ARE ATTACHED

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

Horizontal

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.		OIL CONSERVATION DIVISION	
Signature <i>J. Denise Leake</i>			
Printed Name J. Denise Leake		Approved By: <i>[Signature]</i>	
Title Engineering Assistant		Title:	
Date 6/30/00		Approval Date: <i>6/30/00</i>	Expiration Date:
Telephone 397-0405		Conditions of Approval: Attached ☐	

Scientific Drilling Inc.

Planning Report

Company: Texaco E & P, Inc.	Date: 06/20/2000	Time: 10:17:19	Page: 1
Field: Teague SW (Glorieta - Upper Paddock)	Coordinate (NE) Reference: Site: Lea County, New Mexico, Grid North		
Site: Lea County, New Mexico	Vertical (TVD) Reference: SITE 0.0 above Mean Sea Level		
Well: R. R. Sims "A" #6	Section (VS) Reference: Site (ODE.DON.1013A2)		
Wellpath: SE Horizontal	Plan: Plan #1		

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

Well: R. R. Sims "A" #6

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

Wellpath: SE Horizontal
 Drilled From: Surface
 Tie-on Depth: ft
 V.Section Direction: 109.32 deg
 Vertical Section: +N/-S 0.0 ft
 From: Site +E/-W 0.0 ft
 Measured Depth Reference: SITE 0.0 ft Above System Datum: Mean Sea Level

Plan: Plan #1
 Date Composed: 06/20/2000
 Version: 1

Principal: Yes
 Locked: No

Plan Section Information

MD	Incl	Azim	TVD	+N/-S	+E/-W	DLS	Bull	Turn	TPO	Target
ft	deg	deg	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg	
4800.0	0.00	109.32	4800.0	0.0	0.0	0.00	0.00	0.00	0.00	
5000.0	0.00	109.32	5000.0	0.0	0.0	0.00	0.00	0.00	109.32	
5180.1	85.75	109.32	5120.0	-36.9	105.1	47.62	47.62	0.00	109.32	
5180.2	85.75	109.32	5120.0	-36.9	105.2	0.00	0.00	0.00	0.00	
5583.7	85.75	109.32	5150.0	-170.0	485.0	0.00	0.00	0.00	0.00	Toe sims 6

Section 1 : Start Hold

MD	Incl	Azim	TVD	+N/-S	+E/-W	VS	DLS	Bull	Turn	TPO
ft	deg	deg	ft	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg
4800.0	0.00	109.32	4800.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
4900.0	0.00	109.32	4900.0	0.0	0.0	0.0	0.00	0.00	0.00	109.32
5000.0	0.00	109.32	5000.0	0.0	0.0	0.0	0.00	0.00	0.00	109.32

Section 2 : Start Build 47.62

MD	Incl	Azim	TVD	+N/-S	+E/-W	VS	DLS	Bull	Turn	TPO
ft	deg	deg	ft	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg
5010.0	4.76	109.32	5010.0	-0.1	0.4	0.4	47.62	47.62	0.00	0.00
5020.0	9.52	109.32	5019.9	-0.5	1.6	1.7	47.62	47.62	0.00	0.00
5030.0	14.28	109.32	5029.7	-1.2	3.5	3.7	47.62	47.62	0.00	0.00
5040.0	19.05	109.32	5039.3	-2.2	6.2	6.6	47.62	47.62	0.00	0.00
5050.0	23.81	109.32	5048.6	-3.4	9.7	10.2	47.62	47.62	0.00	0.00
5060.0	28.57	109.32	5057.5	-4.8	13.8	14.7	47.62	47.62	0.00	0.00
5070.0	33.33	109.32	5066.1	-6.5	18.7	19.8	47.62	47.62	0.00	0.00
5080.0	38.09	109.32	5074.2	-8.5	24.2	25.6	47.62	47.62	0.00	0.00
5090.0	42.85	109.32	5081.8	-10.6	30.3	32.1	47.62	47.62	0.00	0.00
5100.0	47.62	109.32	5088.9	-13.0	37.0	39.2	47.62	47.62	0.00	0.00
5110.0	52.38	109.32	5095.3	-15.5	44.2	46.9	47.62	47.62	0.00	0.00
5120.0	57.14	109.32	5101.1	-18.2	51.9	55.0	47.62	47.62	0.00	0.00
5130.0	61.90	109.32	5106.1	-21.1	60.1	63.7	47.62	47.62	0.00	0.00
5140.0	66.66	109.32	5110.5	-24.0	68.6	72.7	47.62	47.62	0.00	0.00

Scientific Drilling Inc.

Planning Report

Company: Scientific Drilling Inc.	Date: 06/20/2000	Time: 10:17:19	Page: 2
Field: Tangle SW, Gravel - Upper Paleozoic	Co-ordinate (NAD 83):	Reference: SMC, LAKE COUNTY, New Mexico, Grid North	
Site: San Geronimo, New Mexico	Vertical (FT/100) Reference:	SITE 00 Above Mean Sea Level	
Well: K-1, Core 2, 30'	Section (VS) Reference:	SMA 100 OF 0.0N (100-3A2)	
Wellpath: SE Horizontal	Plan:	Plan #1	

Section 2 : Start Build 47.62

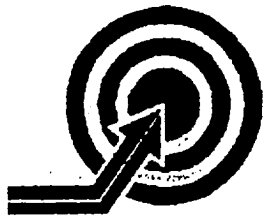
MD ft	Incl deg	Azim deg	TVD ft	+N/S ft	+E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TTO deg
5150.0	71.42	109.32	5114.1	-27.1	77.4	82.0	47.62	47.62	0.00	0.00
5160.0	76.18	109.32	5116.8	-30.3	86.4	91.6	47.62	47.62	0.00	0.00
5170.0	80.95	109.32	5118.8	-33.5	95.7	101.4	47.62	47.62	0.00	0.00
5180.1	85.75	109.32	5120.0	-36.9	105.1	111.4	47.62	47.62	0.00	0.00

Section 3 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/S ft	+E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TTO deg
5180.2	85.75	109.32	5120.0	-36.9	105.2	111.5	0.00	0.00	0.00	0.00

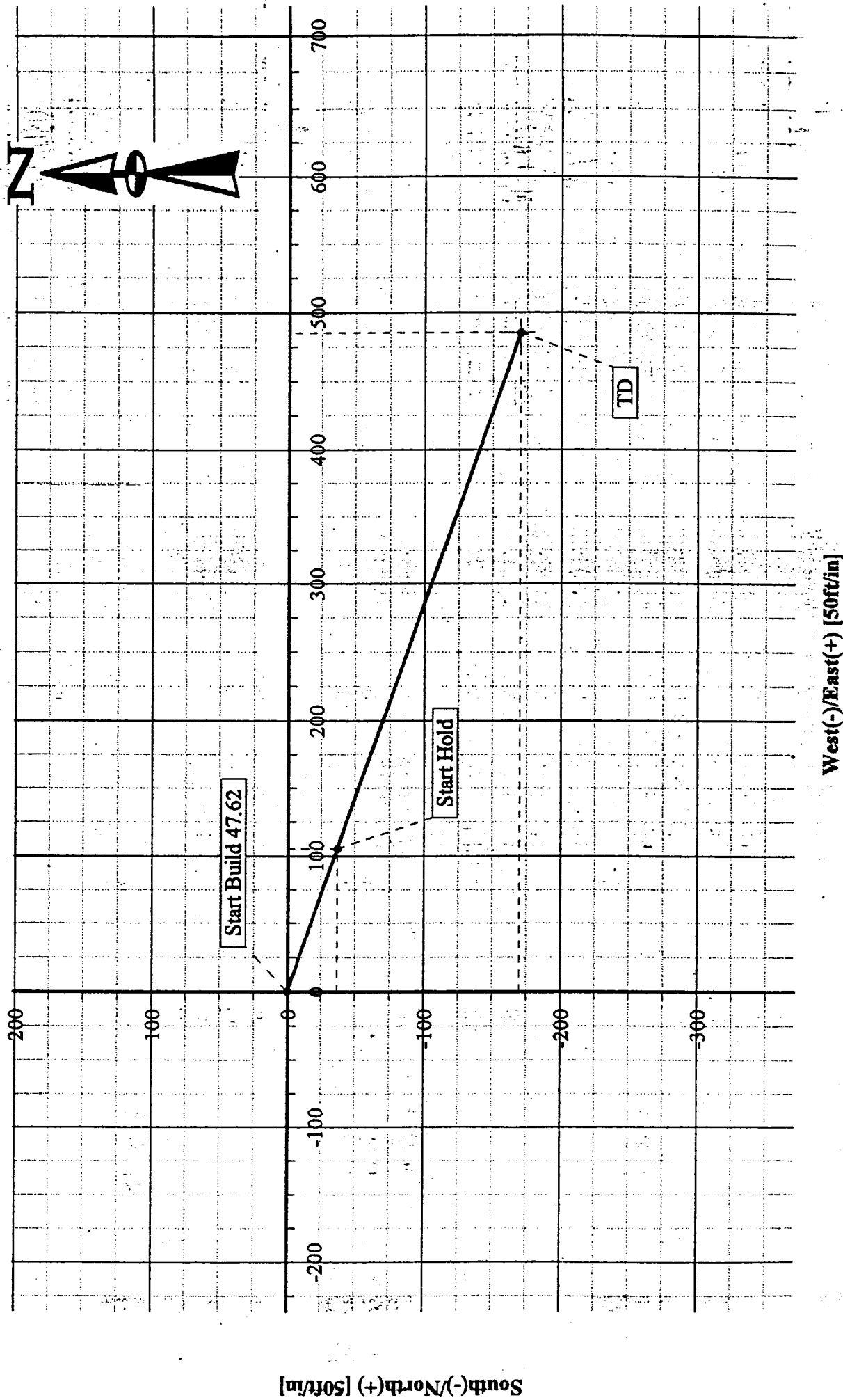
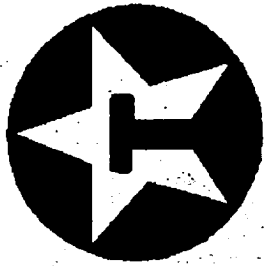
Section 4 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/S ft	+E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TTO deg
5200.0	85.75	109.32	5121.5	-43.4	123.9	131.3	0.00	0.00	0.00	0.00
5300.0	85.75	109.32	5128.9	-76.4	218.0	231.0	0.00	0.00	0.00	0.00
5400.0	85.75	109.32	5136.3	-109.4	312.1	330.7	0.00	0.00	0.00	0.00
5500.0	85.75	109.32	5143.7	-142.4	406.2	430.4	0.00	0.00	0.00	0.00
5583.7	85.75	109.32	5150.0	-170.0	485.0	513.9	0.00	0.00	0.00	0.00



Scientific
Drilling

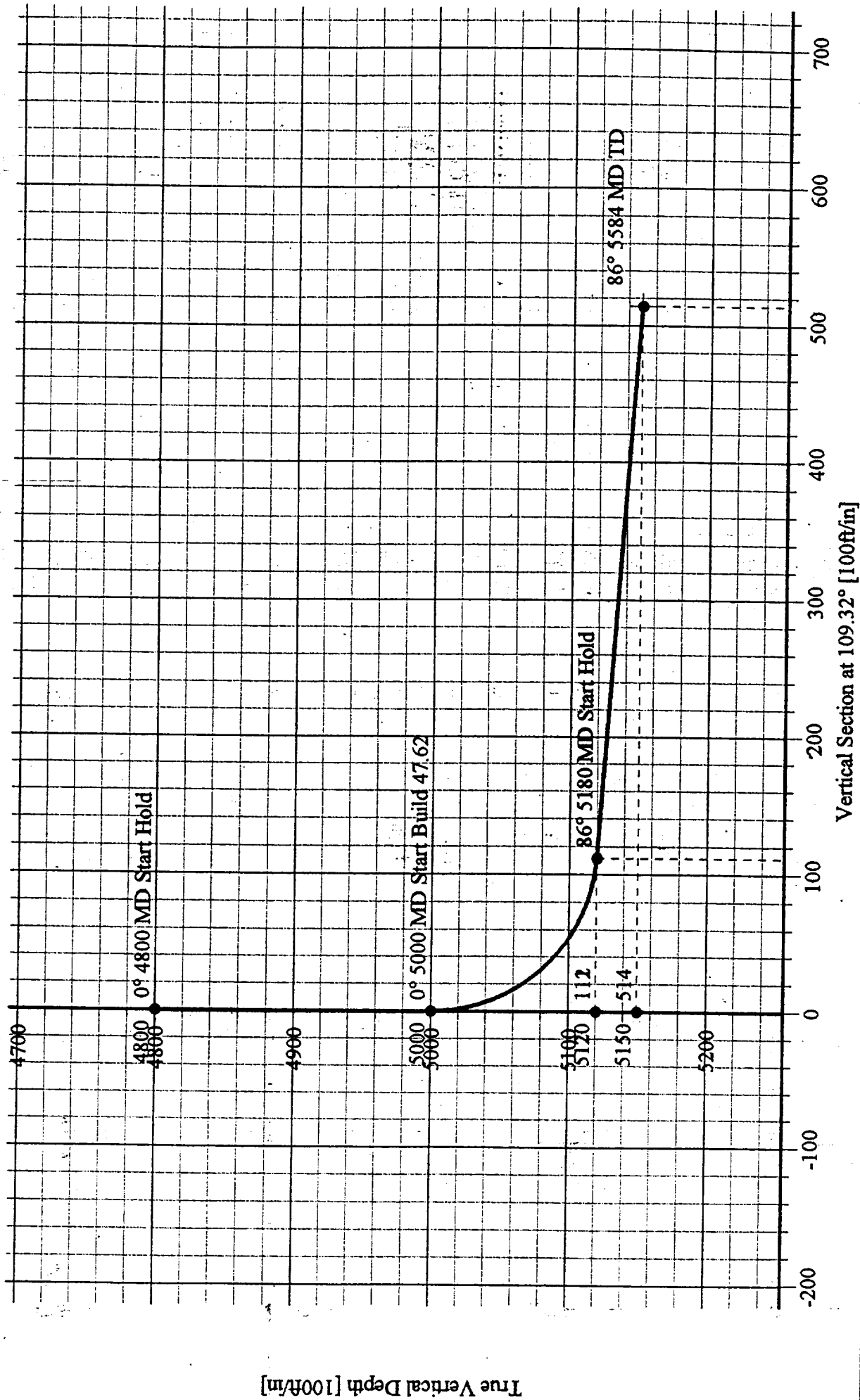
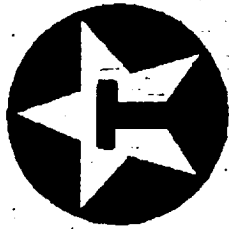
Texaco E & P, Inc.
Field: Teague SW (Glorieta - Upper Paddock)
Site: Lea County, New Mexico
Well: R R Sims "A" #6
Wellpath: SE Horizontal
Plan: Plan #1





Scientific
Drilling

Texaco E & P, Inc.
Field: Teague SW (Glorieta - Upper Paddock)
Site: Lea County, New Mexico
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State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-10 2

Revised February 10, 1999

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Submit to Appropriate District Office

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Fee Lease - 3 Copies

☐ AMENDED REPORT

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30 025 32944	² Pool Code 58595	³ Pool Name TEAGUE GLORIETA-UPPER PADDOCK, SW
⁴ Property Code 11060	⁵ Property Name SIMS, R. R. 'A'	⁶ Well No. 6H
⁷ OGRID Number 022351	⁸ Operator Name TEXACO EXPLORATION & PRODUCTION INC.	⁹ Elevation 3324' GL, 3339' KB

¹⁰ Surface Location

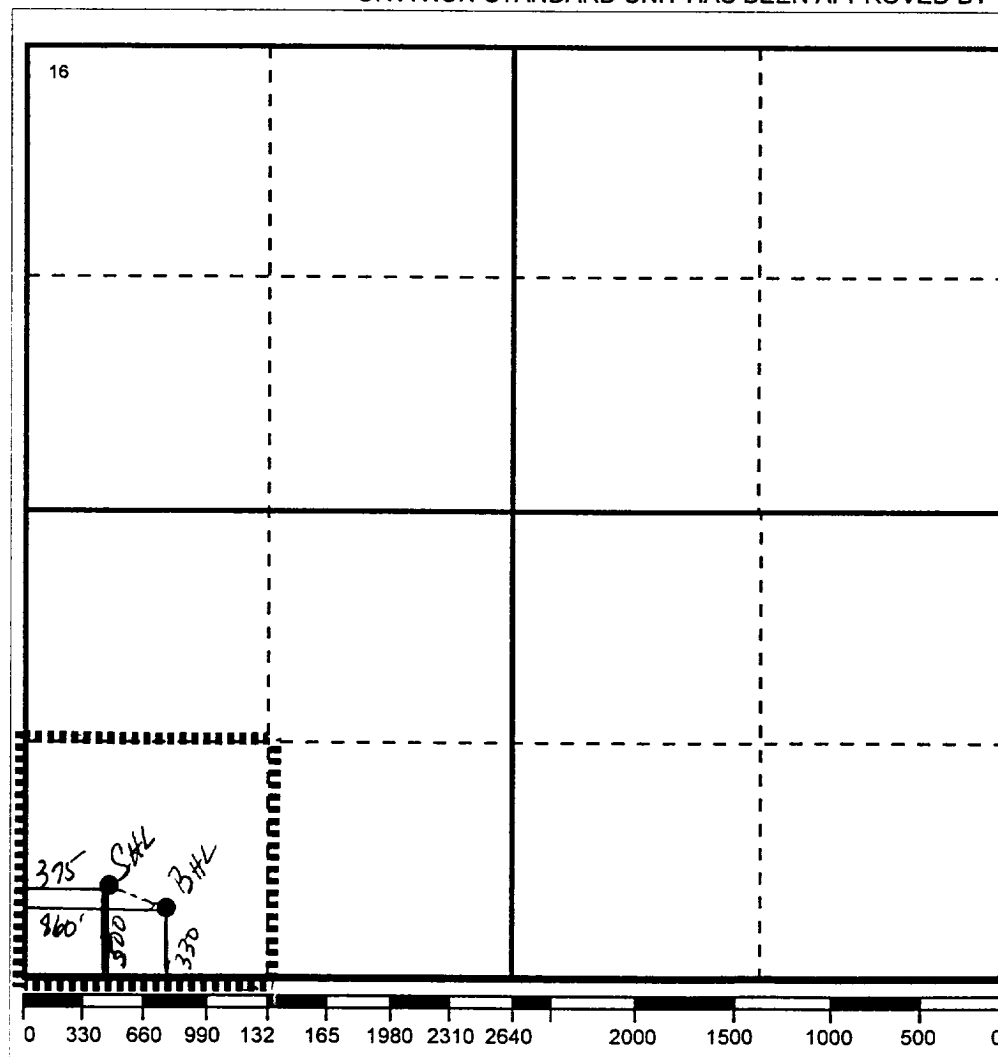
UI or lot no M	Section 4	Township 23-S	Range 37-E	Lot.Idn	Feet From The 500	North/South Line SOUTH	Feet From The 375	East/West Line WEST	County LEA
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¹¹ Bottom Hole Location If Different From Surface

UI or lot no M	Section 4	Township 23-S	Range 37-E	Lot.Idn	Feet From The 330'	North/South Line SOUTH	Feet From The 860'	East/West Line WEST	County LEA
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¹² Dedicated Acre 40	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

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.