

9/15/00 - 10/5/00 - MS - KV - NSL

ABOVE THIS LINE FOR DIVISION USE ONLY

26437269

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -

ADMINISTRATIVE APPLICATION COVERSHEET

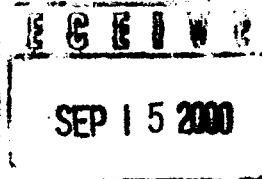
THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
[DD-Directional Drilling] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Directional Drilling
☒ NSL ☐ NSP ☐ DD ☐ SD



Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached

[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I further verify that all applicable API Numbers are included. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

A. Phil Ryan
Print or Type Name

A. Phil Ryan
Signature

Commission Coordinator
Title

9/14/00
Date



OFFICE OF THE ATTORNEY GENERAL
STATE OF NEW MEXICO

Office of the Attorney General
Albuquerque, New Mexico

Fax

*915-688-
4831*

September 14, 2000

GOV – STATE AND LOCAL GOVERNMENTS

Unorthodox Location

G. L. Erwin 'A' Federal #9

Justis Blinebry; Justis Tubb Drinkard

Lea County, New Mexico

State of New Mexico

Energy and Minerals Department

Oil Conservation Division

2040 South Pacheco

Santa Fe, New Mexico 87505

Attention: Mr. Michael E. Stogner

Gentlemen:

An exception to Rule 104 F. (2) by administrative approval is requested for the captioned well. The Surface Hole Location of this well is 1720' FSL and 800' FWL, Unit Letter "L" of Section 35, T-24-S, R-37-E and the Bottom Hole Location is 1420' FSL and 400' FWL, Unit Letter "L" of Section 35, T-24-S, R-37-E.

The Basis for the Nonstandard Location is:

- 1) The location of the G. L. Erwin 'A' Federal #9 was chosen to maximize recovery of Blinebry and Tubb/Drinkard hydrocarbons while avoiding zones of reservoir depletion surrounding current producers in the North Justis field. This location is nonstandard only because it encroaches on the quarter-quarter section line that is within the G. L. Erwin 'A' Federal lease. The location is standard with regard to the G. L. Erwin 'A' Federal lease lines.**
- 2) The positioning of the subject well was based on three factors: (1) Location relative to the older, slim-hole completed in the G. L. Erwin 'A' Federal #3 and #4, (2) Location relative to the recently drilled and stimulated G. L. Erwin 'A' Federal #7 and #8, and (3) Structural position.**
- 3) The two wells nearest the proposed location are the G. L. Erwin 'A' Federal #3 and #4. Both wells were drilled in the early 1960's and were slim-hole completed. The small diameter casing, in conjunction with the fracture stimulation techniques available in the 1960's, resulted in only a portion of the proration units around these wells to be adequately stimulated. The subject well will allow hydrocarbons from those poorly drained areas to be recovered.**

- 4) The G. L. Erwin 'A' Federal #7 and #8 wells were both drilled in the late 1990's and has had the benefit of modern stimulation techniques. The Bottom Hole Location of the G. L. Erwin 'A' Federal #9 will be positioned approximately equidistant from these two well bores along a similar structural position (see contour map). This will minimize the likelihood of interference between wells.
- 5) Originally, the G. L. Erwin 'A' Federal #9 was proposed at the bottom hole location. Unfortunately, the location fell in the fenced yard of a home; therefore, Texaco had to move the surface hole location forcing a directionally drilled well.

There are no 'affected offset operators' to this location.

If there are any questions, please feel free to contact me at (915) 688-4606.

Yours very truly,



A. Phil Ryan
Commission Coordinator



Attachments: cc: OCD, Hobbs NM

Insert

Color Page/Photo

Here

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

Form C-102
Revised February 10, 1994

Instructions on back

OIL CONSERVATION DIVISION

PO Box 2088
Santa Fe, NM 87504-2088

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 Justis Blinebry; Justis Tubb Drinkard					
⁴ Property Code		⁵ Property Name G.L. Erwin "A" Federal						⁶ Well Number 9	
⁷ DGRID No.		⁸ Operator Name TEXACO EXPLORATION & PRODUCTION, INC.						⁹ Elevation 3183'	
¹⁰ Surface Location									
UL or lot no. L	Section 35	Township 24-S	Range 37-E	Lot Idn	Feet from the 1720'	North/South line South	Feet from the 800'	East/West line West	⁷ County Lea
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. L	Section 35	Township 24-S	Range 37-E	Lot Idn	Feet from the 1420'	North/South line South	Feet from the 400'	East/West line West	⁷ County Lea
¹² Dedicated Acres 40		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 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
	Signature <i>A. Phil Ryan</i>
	Printed Name A. Phil Ryan
	Position Commissioner Coordinator
	Company Texaco Expl. & Prod. Inc.
Date September 11, 2000	
¹⁷ 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 August 29, 2000	
Signature & Seal of Professional Surveyor <i>John S. Piper</i>	
Certificate No. 7254 John S. Piper	
Sheet	

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

ADDITIONAL INFORMATION ON THE LOCATION

State Plane Coordinates 427809.57 (1927=427752.25)BHL Northing 428113.90 (1927=428056.60)SHL		910294.20 (1927=869106.59)BHL Easting 910690.718 (1927=869503.112)SHL	
Latitude 32°10'13.824" (1927=32°10'13.380")BHL 32°10'16.791" (1927=32°10'16.347")SHL		Longitude 103°08'27.349" (1927=103°08'25.703")BHL 103°08'22.697" (1927=103°08'21.056")SHL	
Zone North American Datum	Combined Grid Factor .99991632	Coordinate File ERWIN_83.cr5	
East 1983			
Drawing File ERWIN_A9.DWG	Field Book Lea Co. FB. 18, Pg. 78		

ILLEGIBLE**TEXACO****FAX TRANSMITTAL COVER SHEET**

NOTE: DO NOT USE BLUE OR RED INK OR PENCIL ON THIS FORM. THEY WILL NOT REPRODUCE

DATE: 10/24/00 ☒ URGENT ☐ ROUTINE NO. OF PAGES Cover + 1MESSAGE TO: Mr. Michael StognerTELEPHONE NO. _____ FAX MACHINE NO. 505-827-1389

DEPT./DIV./SUBS. _____

LOCATION _____ ROOM NO. _____

MESSAGE FROM: Phil RyanTELEPHONE NO. 915-688-4606 FAX MACHINE NO. 915-688-4831

DEPT./DIV./SUBS. _____

LOCATION _____ ROOM NO. _____

SENDING DEPT. APPROVAL _____ TIME TRANSMITTED _____

☐ RETURN ORIGINAL VIA INTER-OFFICE MAIL☐ RETURN ORIGINAL CALL SENDER TO PICK UP

ADDITIONAL COMMENTS:

G. L. Erwin 'A' Federal #9Lease # LC032874A

F. 02

ILLEGIBLE**TEXACO****FAX TRANSMITTAL COVER SHEET**

NOTE: DO NOT USE BLUE OR RED INK OR PENCIL ON THIS FORM. THEY WILL NOT REPRODUCE

DATE: 10/31/00 ☒ URGENT ☐ ROUTINE NO. OF PAGES Cover + 4MESSAGE TO: Mr Michael StagnerTELEPHONE NO. _____ FAX MACHINE NO. 505-827-1389

DEPT./DIV./SUBS. _____

LOCATION _____ ROOM NO. _____

MESSAGE FROM: Phil RyanTELEPHONE NO. 915-688-4606 FAX MACHINE NO. 915-688-4831

DEPT./DIV./SUBS. _____

LOCATION _____ ROOM NO. _____

SENDING DEPT. APPROVAL _____ TIME TRANSMITTED _____

☐ RETURN ORIGINAL VIA INTER-OFFICE MAIL☐ RETURN ORIGINAL CALL SENDER TO PICK UP

ADDITIONAL COMMENTS:

G. L. Erwin 'A' Federal #9.

ILLEGIBLE**Scientific Drilling Inc.
Planning Report**

Company: **Trinidad Petroleum** Date: **10/26/2000** Name: **100502**
 District: **Lea County, New Mexico** Well: **5007 SW 6 Curve**
 Well: **G. L. Erwin "A" Fed #9** Vertical Section: **+N/-S** Site: **5007 SW 6 Curve**
 Wellpath: **OH Original hole** Section: **(N/S) Reference** Plan: **5007 SW 6 Curve**

Field: **Justis Tubb- Drinkard**

Map System: **US State Plane Coordinate System 1983**
 Ellipsoid: **GRS 1960**
 Sys Datum: **Mean Sea Level**

Map Zone: **New Mexico, Eastern Zone**
 North Reference: **Grid**
 Geomagnetic Model: **igm2000**

Site: **Lea County, New Mexico**

Site Position: **Northing: 428113.00 ft Latitude: 32 10 16.774 N**
From: Map Easting: 910690.00 ft Longitude: 103 8 22.727 W
 Position Uncertainty: **0.0 ft Magnetic Declination: 8.63 deg**
 Water Depth: **0.0 ft Grid Convergence: 0.64 deg**

Well: **G. L. Erwin "A" Fed #9**

Well Position: **+N/-S 0.0 ft Northing: 428113.00 ft Latitude: 32 10 16.774 N**
From Slot: +E/-W 0.0 ft Easting: 910690.00 ft Longitude: 103 8 22.727 W
 Position Uncertainty: **0.0 ft**

Wellpath: **OH Original hole** Drilled From: **Surface**
5007 SW 6 Curve Tie-on Depth: **ft**
 Vertical Section: **+N/-S 0.0 ft V. Section Direction: 232.50 deg**
 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: **10/26/2000**
 Version: **1**
 Principal: **Yes** Locked: **No**

Plan Section Information

MD	Incl	Azim	TVD	N-S	E-W	YS	Roll	Turn	TPO	Target
ft	deg	deg	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg	deg
3000.0	0.00	232.50	3000.0	0.0	0.0	0.00	0.00	0.00	0.00	
3779.6	19.49	232.50	3764.7	-80.0	-104.2	2.50	2.50	0.00	232.50	
4491.0	19.49	232.50	4435.3	-224.4	-292.5	0.00	0.00	0.00	0.00	
5270.7	0.00	232.50	5200.0	-304.4	-396.7	2.50	-2.50	0.00	180.00	Top Pay #9
6620.7	0.00	232.50	6650.0	-304.4	-396.7	0.00	0.00	0.00	232.50	

Section 1 : Start Build 2.50

MD	Incl	Azim	TVD	N-S	E-W	YS	Roll	Turn	TPO	Target
ft	deg	deg	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg	deg
3000.0	0.00	232.50	3000.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
3100.0	2.50	232.50	3100.0	-1.3	-1.7	2.2	2.50	2.50	0.00	0.00
3200.0	5.00	232.50	3189.7	-5.3	-6.9	8.7	2.50	2.50	0.00	0.00
3300.0	7.50	232.50	3299.1	-11.9	-15.6	19.8	2.50	2.50	0.00	0.00
3400.0	10.00	232.50	3398.0	-21.2	-27.6	34.8	2.50	2.50	0.00	0.00
3500.0	12.50	232.50	3496.0	-33.1	-43.1	54.3	2.50	2.50	0.00	0.00
3600.0	15.00	232.50	3593.2	-47.5	-62.0	78.1	2.50	2.50	0.00	0.00
3700.0	17.50	232.50	3689.2	-64.6	-84.2	106.1	2.50	2.50	0.00	0.00
3779.6	19.49	232.50	3764.7	-80.0	-104.2	131.3	2.50	2.50	0.00	0.00

Section 2 : Start Hold

MD	Incl	Azim	TVD	N-S	E-W	YS	Roll	Turn	TPO	Target
ft	deg	deg	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg	deg
3800.0	19.49	232.50	3783.9	-84.1	-109.6	138.1	0.00	0.00	0.00	0.00
3900.0	19.49	232.50	3878.2	-104.4	-136.1	171.5	0.00	0.00	0.00	0.00
4000.0	19.49	232.50	3972.4	-124.7	-162.5	204.9	0.00	0.00	0.00	0.00
4100.0	19.49	232.50	4066.7	-145.0	-189.0	238.2	0.00	0.00	0.00	0.00
4200.0	19.49	232.50	4161.0	-165.3	-215.5	271.6	0.00	0.00	0.00	0.00
4300.0	19.49	232.50	4255.2	-185.6	-241.9	305.0	0.00	0.00	0.00	0.00
4400.0	19.49	232.50	4349.5	-206.0	-268.4	338.3	0.00	0.00	0.00	0.00
4491.0	19.49	232.50	4435.3	-224.4	-292.5	368.7	0.00	0.00	0.00	0.00

Scientific Drilling Inc. Planning Report

ILLEGIBLE

Oct-31-2000 10:31am

From-TEXACO

9156884831

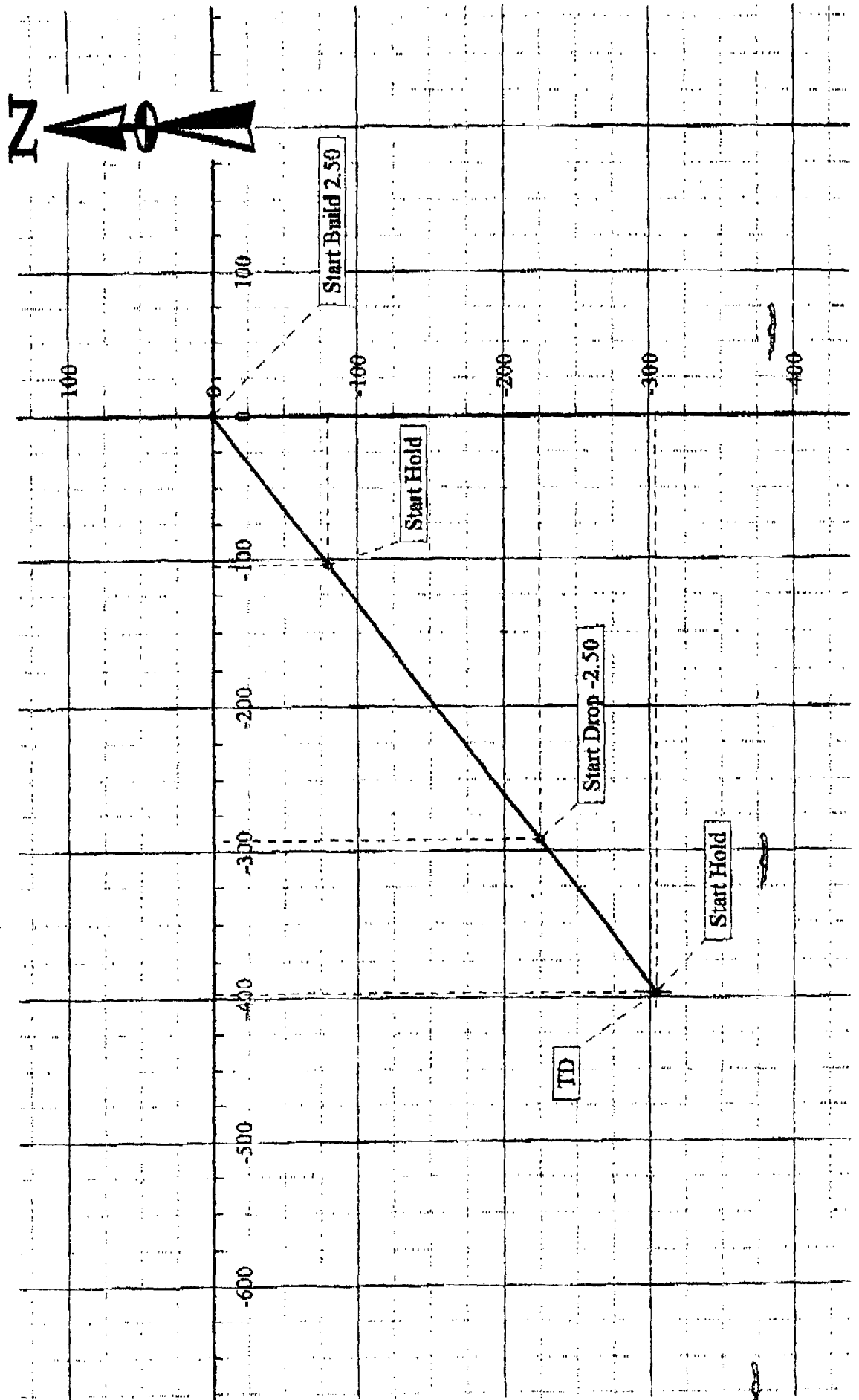
T-539 P.004/005 F-169



Texaco E & P, Inc.

Field: Justis Tubb- Drinkard
Site: Lea County, New Mexico
Well: G. L. Erwin "A" Fed #9
Wellpath: OH Original hole
Plan: Plan #1

**Scientific
Drilling**



West(-)/East(+) [50ft/in]

ILLEGIBLE



**Scientific
Drilling**

Texaco E & P, Inc.

Field: Justis Tubb-Drinkard
Site: Lea County, New Mexico
Well: G. L. Erwin "A" Fed #9
Wellpath: OH Original hole
Plan: Plan #1



True Vertical Depth [500ft/m]

