

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

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

¹ Operator Name and Address Clayton Williams Energy, Inc. Six Desta Drive, Suite 3000 Midland, TX 79705		² GRID Number 25706
³ Property Code 25235	⁴ Property Name STATE '20B'	⁵ API Number 30 - 015 - 31053
		⁶ Well No. 8

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
G	20	17 S	29 E		1650	north	2310	east	Eddy

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 Empire, East (Yeso) (96610)	¹⁰ Proposed Pool 2 Grayburg Jackson -7R's,QN,GB,SA (28509)
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¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3613'
¹⁶ Multiple N	¹⁷ Proposed Depth 5000'	¹⁸ Formation Yeso Sands	¹⁹ Contractor Key Energy Drilling	²⁰ Spud Date upon approval

Minimum WOC time 18 hrs. ²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	24#	450'	300	surface
7-7/8"	5-1/2"	17#	5000'	880	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.

1. Drill 12-1/4" hole to 450'. Run and set 450' of 8-5/8" 24# J-55 ST&C casing. Cement with 300 sx. of Cl. "C" + 2% S1 (CaCl2) + 1/4#/sx. celloflake. Circulate cement to surface.
2. Drill 7-7/8" hole to 5000'. Run and set 5000' of 5-1/2" 17# J-55 ST&C casing. Cement with 360 sx. Cl. "C" 50/50 Poz + 2%D-20 + 1% B28 + 0.2% D112 FLAC + 0.2% D65 TIC + 3#/sx. D42 + 1/4#/sx. celloflake, tail with 520 sx. Cl. "C" 50/50 Poz + 2% D20 + 1% B28 + 0.2% D112FLAC + 0.2% D65TIC + 5# D42/Sx. + 1/4#/sx. celloflake. Circulate cement to surface.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Betsy Luna

Printed name: Betsy Luna

Title: Regulatory Analyst

Date: 3/24/2000

Phone: (915) 682-6324

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM B6A
DISTRICT II SUPERVISOR

Title:

Approval Date:

APR 03 2000

Expiration Date:

APR 03 2001

Conditions of Approval:

Attached ☐

2.
4.7.

1. 1960-1961 2. 1962-1963 3. 1964-1965
4. 1966-1967 5. 1968-1969

1960-1961

1962-1963

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 96610	Pool Name Empire, East (Yeso)
Property Code 25235	Property Name STATE 20 "B"	Well Number 8
OGRID No. 25706	Operator Name CLAYTON WILLIAMS ENERGY, INC.	Elevation 3613

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	20	17 S	29 E		1650	NORTH	2310	EAST	EDDY

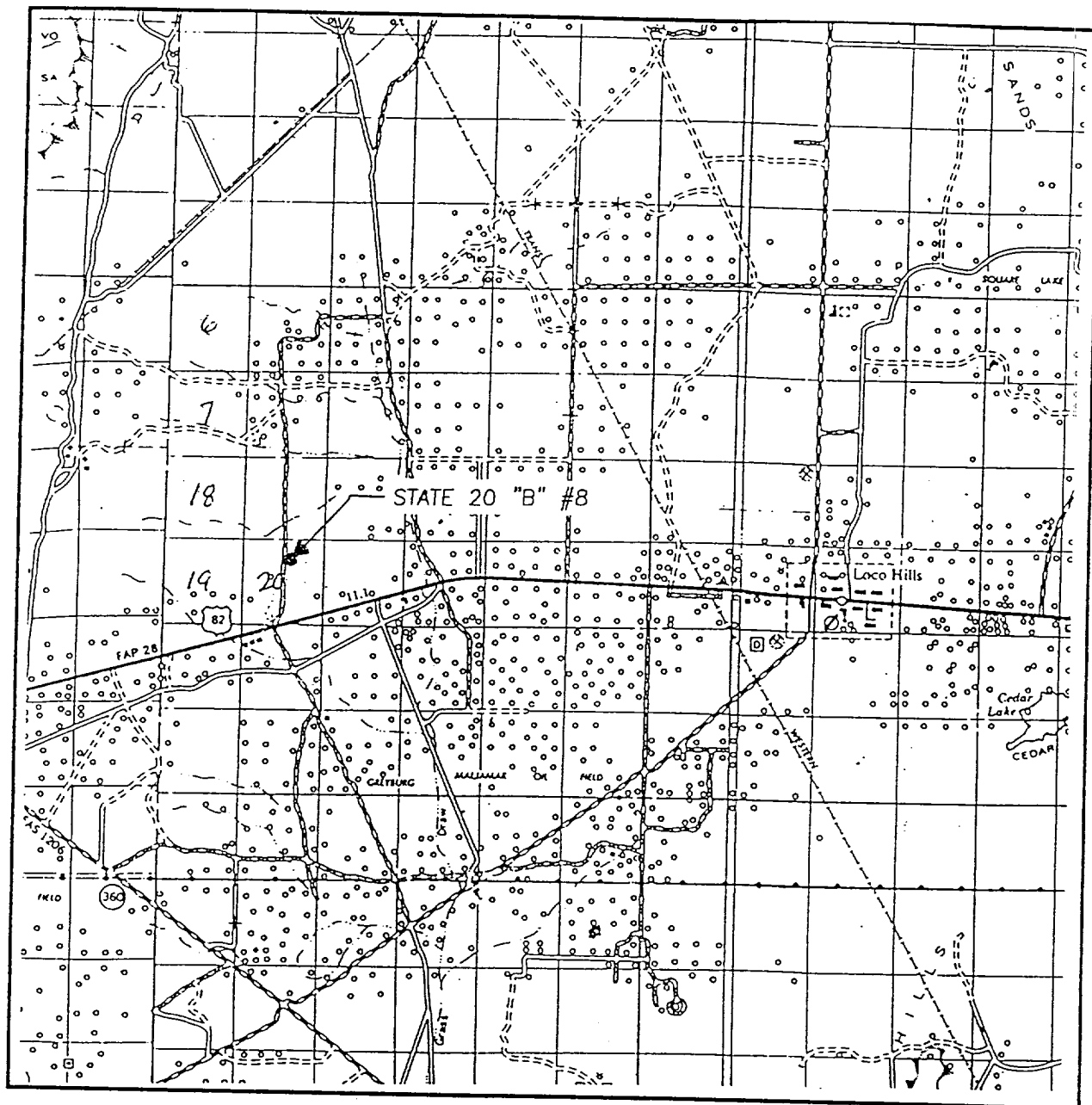
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Betsy Luna</i> Signature Betsy Luna Printed Name Regulatory Analyst Title 03-24-2000 Date</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>MARCH 14, 2000 Date Surveyed Signature & Seal of Professional Surveyor <i>Ronald J. Eidson</i> Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12841 MACON McDONALD 12185</p>
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VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 20 TWP. 17-S RGE. 29-E
 SURVEY N.M.P.M.
 COUNTY EDDY
 DESCRIPTION 1650' FNL & 2310' FEL
 ELEVATION 3613
 OPERATOR CLAYTON WILLIAMS
ENERGY, INC.
 LEASE STATE 20 "B"

JOHN WEST SURVEYING
 HOBBS, NEW MEXICO
 (505 393-3117)

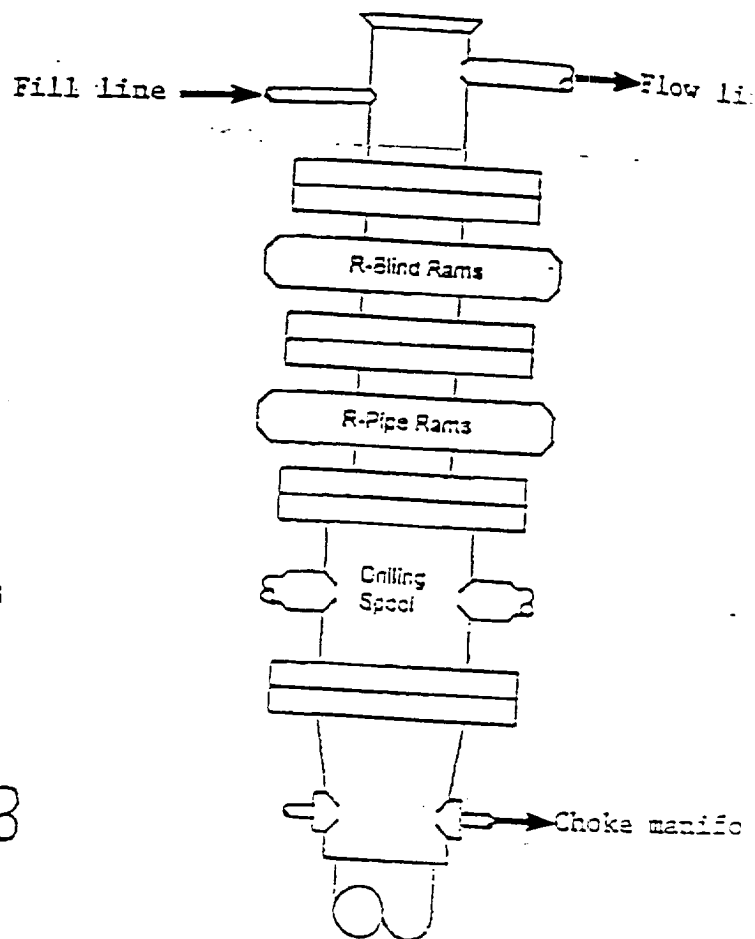
This is a topographic map of a section of the Texas-Oklahoma border. The map is divided into sections 16, 17, 18, 19, 20, 21, 28, 29, and 30. A dashed line runs vertically through section 20, representing the border. Section 20 is labeled "STATE 20 'B' #8". A pipeline runs diagonally across sections 19, 20, and 21. Several oil wells are marked, some as "Oil Well" and others as "Oil Well (Inactive)". A gravel pit is located in section 21. The map includes contour lines and a grid. A north arrow is located in section 20. The map is labeled with various elevations and coordinates.

CONTOUR INTERVAL:
RED LAKE SE - 10'

RED LAKE SE, N.M.

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505 393-3117

BLOWOUT PREVENTER SYSTEM



Type 900 Series
3000 psi WP

Choke Manifold Assembly for 3M WP System

