

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, PLUGBACK, 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 25339		⁴ API Number 30-015-31051
⁵ Property Name STATE '20E'		⁶ Well No. 2

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
C	20	17 S	29 E		330	north	1650	west	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)
--	--

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3627'
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**
DISTRICT II SUPERVISOR

Title:

Approval Date: **APR 03 2000** Expiration Date: **APR 03 2001**

Conditions of Approval:

Attached ☐

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

STATE OF NEW MEXICO
Energy, Minerals and Natural Resources Depart

Revised February 10, 1984
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

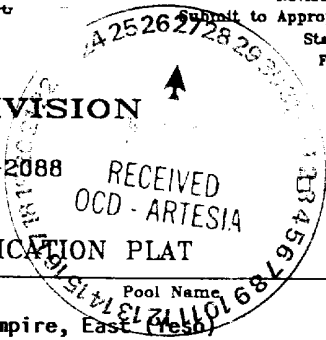
DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Artesia, 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 (Fesh)
Property Code 25339	Property Name STATE 20 "E"	Well Number 2
GRID No. 25706	Operator Name CLAYTON WILLIAMS ENERGY, INC.	Elevation 3627

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	20	17 S	29 E		330	NORTH	1650	WEST	EDDY

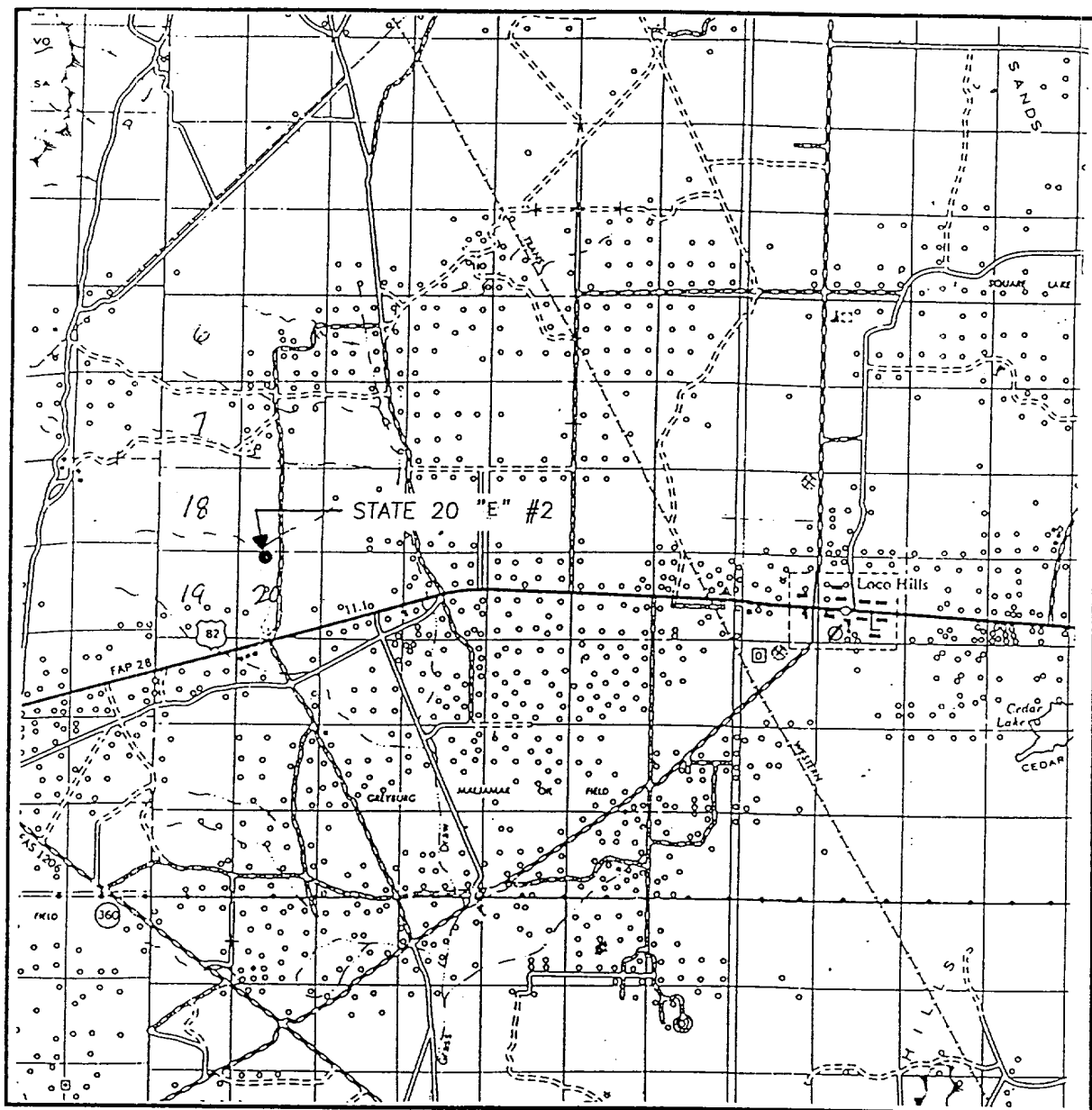
Bottom Hole Location If Different From Surface

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

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature Betsy Luna Printed Name Regulatory Analyst Title 03-24-2000 Date
	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 belief. MARCH 14, 2000 Date Surveyed Signature & Seal of Professional Surveyor 3/15/2000 Certificate No. RONALD F. EIDSON 3239 GARY EIDSON 12841 MACON McDONALD 12185

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 20 TWP. 17-S RGE. 29-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 330' FNL & 1650' FWL

ELEVATION 3627

OPERATOR CLAYTON WILLIAMS
ENERGY, INC.

LEASE STATE 20 "E"

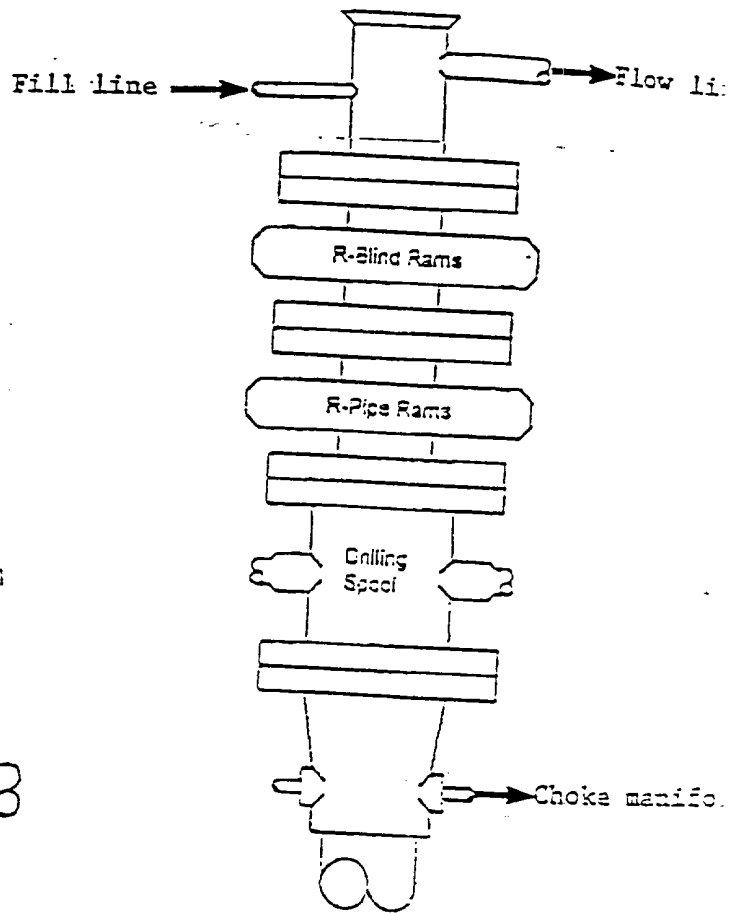
JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505 393-3117)

CONTOUR INTERVAL:
RED LAKE SE - 10'

RED LAKE SE, N.M.

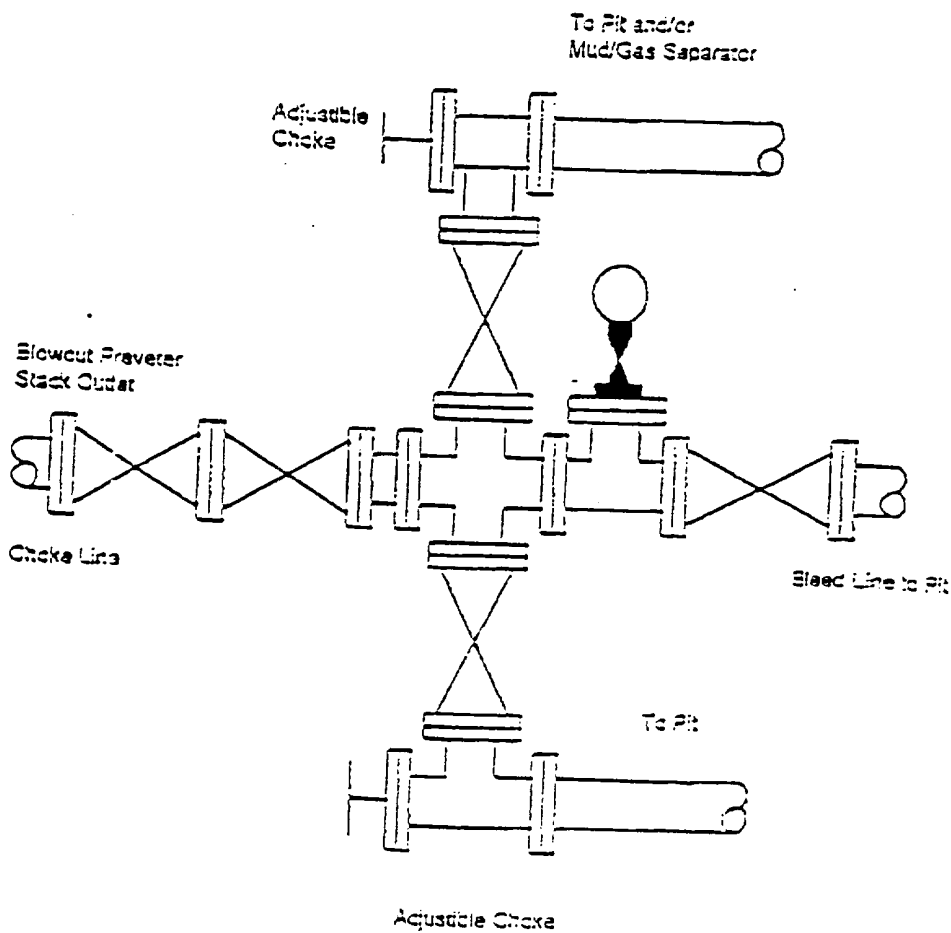
JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505 393-3117

BLOWOUT PREVENTER SYSTEM



Type 900 Series
3000 psi WP

Choke Manifold Assembly for 3M WP System



Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., 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

2195
Form C-103
Revised March 25, 1999

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-31051
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Clayton Williams Energy, Inc.		6. State Oil & Gas Lease No. E4201
3. Address of Operator Six Desta Drive, Suite 3000, Midland, Texas 79705		7. Lease Name or Unit Agreement Name: STATE '20E' (25339)
4. Well Location Unit Letter C : 330 feet from the north line and 1650 feet from the west line: Section 20 Township 17S Range 29E NMPM Eddy County		8. Well No. 2
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3627' GR		9. Pool name or Wildcat (28509) Grayburg-Jackson -7R's,QN,GB,SA

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: COMMENCE COMMINGLE PRODUCTION AS PER ADMINISTRATIVE ORDER DHC 2813 <input type="checkbox"/>

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

September 12, 2000

Rig up pulling unit. Trip out of hole with pump, rods and tubing. Go in hole, clean out to RBP at 3750'. Release and pull out of hole with tubing, bailer & bridge plug. TIH w/2-7/8" production tubing. Finish RIH w/2-7/8" production tubing, thg. set @ 4288'. RU and run rods and pump, space well out. Well pumping, producing from both pools.

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

SIGNATURE Betsy Luna TITLE Engineering Technician DATE 9/18/00
Type or print name Betsy Luna Telephone No. (915) 682-6324

(This space for State use)

APPROVED BY Reynold TITLE _____ DATE _____
Conditions of approval, if any:

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

State of New Mexico
Energy Minerals & Natural Resources
OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-104
Revised March 25, 1999

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Clayton Williams Energy, Inc. Six Desta Drive, Suite 3000 Midland, TX 79705		² OGRID Number 25706
		³ Reason for Filing Code RC
⁴ API Number 30 - 015-31051	⁵ Pool Name Grayburg-Jackson- 7R's, QN, GB, SA	⁶ Pool Code 28509
⁷ Property Code 25339	⁸ Property Name STATE "20E"	⁹ Well Number 2

II. ¹⁰ Surface Location

UL or lot no. C	Section 20	Township 17 S	Range 29 E	Lot Idn	Feet from the 330	North/South Line north	Feet from the 1650	East/West line west	County Eddy
---------------------------	----------------------	-------------------------	----------------------	---------	-----------------------------	----------------------------------	------------------------------	-------------------------------	-----------------------

¹¹ Bottom Hole Location **Vertical well - same as surface**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
S	P								
¹² Use Code S	¹³ Producing Method Code P	¹⁴ Gas Connection Date 08-10-00	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
15694	Navajo Refining Company	2824882	O	ULSTR: A; 20; 17S; 29E
	P. O. Drawer 159, Artesia, NM 88210			State '20B' CPD
005097	Conoco	2825092	G	ULSTR: A; 20; 17S; 29E
	10 Desta Dr., Ste. 100W, Midland, TX 79705			State '20B' CSP

IV. Produced Water

²³ POD 2825093	²⁴ POD ULSTR Location and Description ULSTR: A; 20; 17S; 29E State '20B' Water Tank
-------------------------------------	--

V. Well Completion Data

²⁵ Spud Date 07/20/00	²⁶ Ready Date 08-09-00	²⁷ TD 5000'	²⁸ PBTD 3750'	²⁹ Perforations 1918'-3691'	³⁰ DHC, MC
³¹ Hole Size 12-1/4"	³² Casing & Tubing Size 8-5/8"	³³ Depth Set 457'	³⁴ Sacks Cement 400 sx.		
7-7/8"	5-1/2"	4994'	1201 sx.		
5-1/2"	2-7/8"	3668'			

VI. Well Test Data

³⁵ Date New Oil 08-10-00	³⁶ Gas Delivery Date 08-10-00	³⁷ Test Date 08-16-00	³⁸ Test Length 24 hrs.	³⁹ Tbg. Pressure 50	⁴⁰ Csg. Pressure 50
⁴¹ Choke Size -	⁴² Oil 34	⁴³ Water 490	⁴⁴ Gas 46	⁴⁵ AOF	⁴⁶ Test Method P

⁴⁷ I hereby certify that the rules 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: *Betsy Luna*
Printed name: **Betsy Luna**

Title: **Engineering Technician**

Date: **8-21-2000**

Phone: **(915) 682-6324**

OIL CONSERVATION DIVISION

Approved by: **ORIGINAL SIGNED BY TIM W. GUM**
DISTRICT II SUPERVISOR

Title:

Approval Date:

AUG 28 2000

⁴⁸ If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature

Printed Name

Title

Date

Submit to Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Encl Minerals and Natural Resources

Form C-105
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO.
30-015-31051
5. Indicate Type of Lease
STATE ☒ FEE ☐
State Oil & Gas Lease No. **E4201**

CLSF
B3
B4
B5
B6
B7
B8
B9
B10
B11
B12
B13
B14
B15
B16
B17
B18
B19
B20
B21
B22
B23
B24
B25
B26
B27
B28
B29
B30
B31
B32
B33
B34
B35
B36
B37
B38
B39
B40
B41
B42
B43
B44
B45
B46
B47
B48
B49
B50
B51
B52
B53
B54
B55
B56
B57
B58
B59
B60
B61
B62
B63
B64
B65
B66
B67
B68
B69
B70
B71
B72
B73
B74
B75
B76
B77
B78
B79
B80
B81
B82
B83
B84
B85
B86
B87
B88
B89
B90
B91
B92
B93
B94
B95
B96
B97
B98
B99
B100

WELL COMPLETION OR RECOMPLETION REPORT AND LOG									
1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____					7. Lease Name or Unit Agreement Name STATE '20E'				
b. Type of Completion: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>					8. Well No. 2				
2. Name of Operator Clayton Williams Energy, Inc.					9. Pool name or Wildcat (28509) Grayburg-Jackson-7R's, QN, GB, SA				
3. Address of Operator Six Desta Drive, Suite 3000, Midland, TX 79705									
4. Well Location Unit Letter C : 330 Feet From The north Line and 1650 Feet From The west Line Section 20 Township 17S Range 29E NMPM Eddy County									
10. Date Spudded 07-20-00		10. Date T.D. Reached 08-09-00		11. Date Compl. (Ready to Prod.) 08-09-00		12. Elevations (DF& RKB, RT, GR, etc.) 3627' GR		13. Elev. Casinghead 3628' GR	
14. Total Depth 5000'		15. Plug Back T.D. 3750'		3. If Multiple Compl. How Many Zones? 3		18. Intervals Drilled By X		Rotary Tools X	
19. Producing Interval(s), of this completion - Top, Bottom, Name 3691'-1918' (Grayburg, San Andres)					20. Was Directional Survey Made No				
21. Type Electric and Other Logs Run No					22. Was Well Cored No				
23. CASING RECORD (Report all strings set in well)									
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD	
8-5/8"		24#		457'		12-1/4		400 sx.	
5-1/2"		17#		4994'		7-7/8"		1201 sx.	
24. LINER RECORD					25. TUBING RECORD				
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN	
2-7/8"								3668'	
26. Perforation record (interval, size, and number) 3494'-3691', .47" entry, 20 holes (Lower San Andres) 2440'-3100', .47" entry, 24 holes (Upper San Andres) 1918'-2355', .47" entry, 24 holes (Grayburg)					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 3494'-3691' 1190 bbls gel + 18,500# 16/30 sand + 50,500# 12/20 sand 2440'-3100' 2630 bbls gel + 52,500# 16/30 sand + 116,000# 12/20 sand 1918'-2355' 2082 bbls gel + 37,000# 16/30 sand + 90,000# 12/20 sand				
28. PRODUCTION									
Date First Production 08-10-00		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping 2" insert rod pump				Well Status (Prod. or Shut-in) Producing			
Date of Test 08-16-00		Hours Tested 24		Choke Size -		Prod'n For Test Period 34		Oil - Bbl 86	
Flow Tubing Press. 50		Casing Pressure 50		Calculated 24-Hour Rate		Gas - MCF 86		Water - Bbl. 490	
Oil Gravity - API - (Corr.) 38		Gas - Oil Ratio 2529		Oil - Bbl. 34		Gas - MCF 86		Water - Bbl. 490	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold								Test Witnessed By	
30. List Attachments C103, C104, C116									
31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief									
Signature Betsy Luna					Printed Name Betsy Luna Title Engineering Tech. Date 8/21/00				

INSTRUCTIONS

District I

1625 N. French Dr., Hobbs, NM 88240

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., 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

C/S

Form C-103
Revised March 25, 1999

WELL API NO.

30-015-31051

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

E4201

7. Lease Name or Unit Agreement Name:

STATE '20E'

(25339)

8. Well No.

2

9. Pool name or Wildcat **(28509)**

Grayburg-Jackson -7R's,QN,GB,SA

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Clayton Williams Energy, Inc.

3. Address of Operator

Six Desta Drive, Suite 3000, Midland, Texas 79705

4. Well Location

Unit Letter **C** : **330** feet from the **north** line and **1650** feet from the **west** line

Section **20**

Township **17S**

Range **29E**

NMPM

Eddy County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)

3627' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

REMEDIAL WORK ☒ ALTERING CASING ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

July 20 thru August 9, 2000

1. Set RBP @ 3750' and temporarily abandon Yeso perms.
2. Perforate Lower San Andres 3494'-3691', 20 shots. Stimulate Lower San Andres.
3. Set RBP @ 3200'.
4. Perforate Upper San Andres 2440'-3100', 24 shots. Stimulate Upper San Andres.
5. Set RBP @ 2400'.
6. Perforate Grayburg Jackson 1918' - 2355', 24 shots. Stimulate Grayburg Jackson.
7. Retrieve RBP's at 3200' and 2400'. Clean out to BP at 3750'.
8. Run tubing, rods and pump.
9. Start pumping load water.

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

SIGNATURE Betsy Luna TITLE **Engineering Technician** DATE **8/18/00**

Type or print name **Betsy Luna** Telephone No. **(915) 682-6324**

(This space for State use)

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

APPROVED BY DATE

Conditions of approval, if any:

AUG 28 2000

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, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Clayton Williams Energy, Inc. Six Desta Drive, Suite 3000 Midland, TX 79705		² OGRID Number 25706
³ Property Code 25339		³ API Number 30 - 015-31051
Property Name STATE '20E'		⁶ Well No. 2

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
C	20	17 S	29 E		330	north	1650	west	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 Grayburg Jackson -7R's,QN,GB,SA (28509)	¹⁰ Proposed Pool 2
--	-------------------------------

¹¹ Work Type Code P	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3627'
¹⁶ Multiple N	¹⁷ Proposed Depth 3750'	¹⁸ Formation Grayburg	¹⁹ Contractor Key Energy Drilling	²⁰ Spud Date upon approval

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC

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.

It is proposed to set a Retrievable Bridge Plug @ $\pm 3750'$ and Temporarily Abandon the Yeso formation (existing perfs @ 3812'-4144', 35 holes).

Perforate and stimulate Grayburg-San Andres formation: Lower San Andres 3494' - 3691' (OA), 20 holes, and Upper San Andres 2440' - 3100' (OA), 24 holes, and Grayburg 1918' - 2355' (OA), 24 holes.

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: Engineering Technician

Date: 7/21/2000

Phone: (915) 682-6324

OIL CONSERVATION DIVISION

Approved by: **ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR**

Title:

Approval Date: **JUL 25 2000** Expiration Date: **JUL 25 2001**

Conditions of Approval:

Attached ☐

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

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

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

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-31051	Pool Code 28509	Pool Name Grayburg Jackson-7R's, QN, CB, SA
Property Code 25339	Property Name STATE 20 "E"	Well Number 2
OCRID No. 25706	Operator Name CLAYTON WILLIAMS ENERGY, INC.	Elevation 3627

Surface Location

UL or lot No. C	Section 20	Township 17 S	Range 29 E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 1650	East/West line WEST	County 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

1650'	330'

OPERATOR CERTIFICATION

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

Betsy Luna
Signature

Betsy Luna
Printed Name

Engineering Technician
Title

7-20-2000
Date

SURVEYOR CERTIFICATION

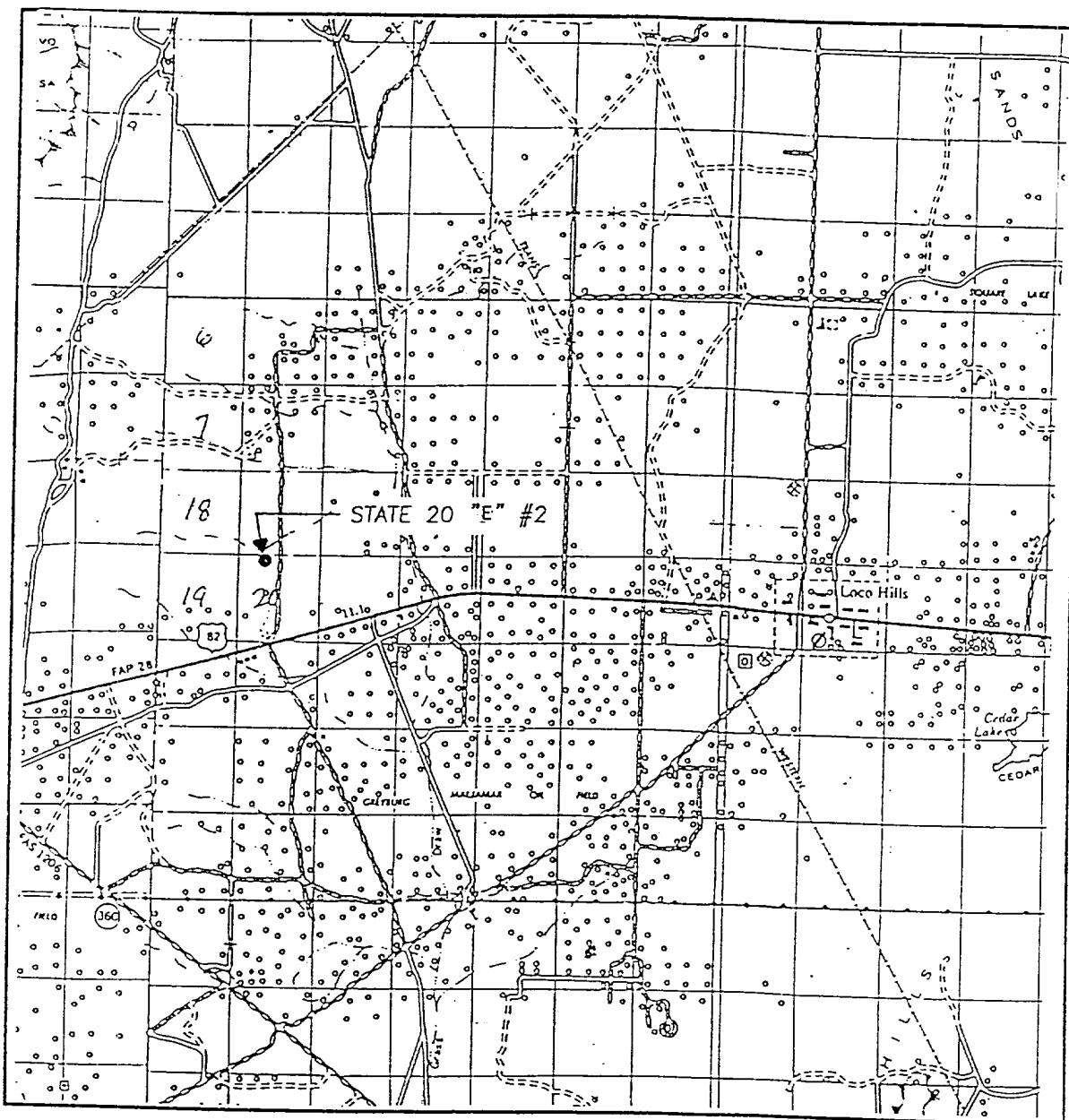
I hereby certify that the well location shown
on this plat was plotted from field notes of
actual surveys made by me or under my
supervision and that the same is true and
correct to the best of my belief.

MARCH 14, 2000

Date Surveyed
Signature & Seal of Professional Surveyor
RONALD J. EIDSON
3/15/2000
00-11-0338

Certificate No. RONALD J. EIDSON 3239
GARY EIDSON 12641
MACON McDONALD 12185

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 20 TWP. 17-S RGE. 29-E
 SURVEY N.M.P.M.
 COUNTY EDDY
 DESCRIPTION 330' FNL & 1650' FWL
 ELEVATION 3627
 OPERATOR CLAYTON WILLIAMS
ENERGY, INC.
 LEASE STATE 20 "E"

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

RECEIVED
 OCD - ARTESIA

[illegible]

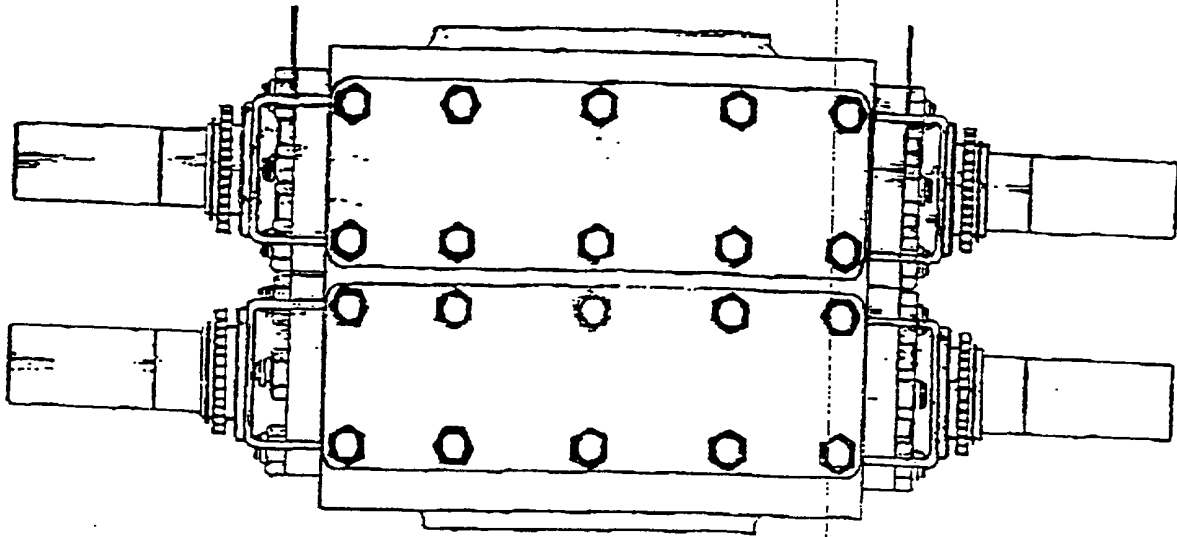
CONTOUR INTERVAL:
RED LAKE SE - 10'

RED LAKE SE, N.M.

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

RECEIVED
OCD - ARTESIA

MANUAL BOP
7-1/16" x 3,000#



DIMENSIONS AND WEIGHTS

MECHANICAL		
Weight	Single (pounds)	2,225#
	Double (pounds)	2,200#
Overall height, less studs	Single (inches)	13"
	Double (inches)	22"
Overall length (inches)		60"
Overall width, less handwheel (inches)		22"
Opening through preventer (inches)		7-1/16"
Working pressure (psi)		3,000#
Test pressure (psi)		6,000#

RECEIVED
OCD - ARTESIA



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Jennifer A. Salisbury

Cabinet Secretary

Lori Wrotenbery

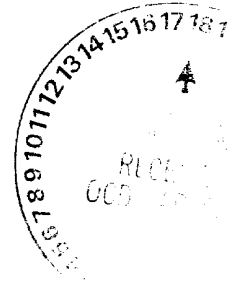
Director

Oil Conservation Division

ADMINISTRATIVE ORDER DHC-2813

Clayton Williams Energy, Inc.
Claydesta Center
Six Desta Drive
Suite 3000
Midland, Texas 79705

Attention: Mr. Chris Cantrell



State 20E No. 2

API No. 30-015-31051

*Unit C, Section 20, Township 17 South, Range 29 East, NMPM,
Eddy County, New Mexico.*

*Grayburg Jackson SR-Q-Gb-SA (Oil – 28509) and
East Empire-Yeso (Oil – 96610) Pools*

Dear Mr. Cantrell:

Reference is made to your recent application for an exception to Rule 303.A. of the Division Rules and Regulations to permit the above described well to commingle production from the subject pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303.C., and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the zones is hereby placed in abeyance.

In accordance with the provisions of Rule 303.C.(1), each of the commingled pools shall be allowed to produce up to the top oil allowable and top casinghead gas allowable applicable for that pool.

Assignment of allowable to the well and allocation of production from the well shall be on the following basis:

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

State of New Mexico
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-104
Revised March 25, 1999

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Clayton Williams Energy, Inc. Six Desta Drive, Suite 3000 Midland, TX 79705		² OGRID Number 25706
		³ Reason for Filing Code NW
⁴ API Number 30 - 015-31051	⁴ Pool Name Empire, East (Yeso)	⁴ Pool Code 96610
⁷ Property Code 25339	⁷ Property Name STATE "20E"	⁷ Well Number 2

II. ¹⁰ Surface Location

UL or lot no. C	Section 20	Township 17 S	Range 29 E	Lot Idn	Feet from the 330	North/South Line north	Feet from the 1650	East/West line west	County Eddy
--------------------	---------------	------------------	---------------	---------	----------------------	---------------------------	-----------------------	------------------------	----------------

¹¹ Bottom Hole Location Vertical well - same as surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Lee Code S	¹² Producing Method Code P	¹⁴ Gas Connection Date 5-24-2000	¹⁴ C-129 Permit Number	¹⁴ C-129 Effective Date	¹⁴ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁸ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
15694	Navajo Refining Company P. O. Drawer 159, Artesia, NM 88210	2824882	O	ULSTR: A; 20; 17S; 29E State '20B' CPD
005097	Conoco 10 Desta Dr., Ste. 100W, Midland, TX 79705	2825092	G	ULSTR: A; 20; 17S; 29E State '20B' CSP

IV. Produced Water

²³ POD 2825093	²⁴ POD ULSTR Location and Description ULSTR: A; 20; 17S; 29E State '20B' Water Tank
------------------------------	---

V. Well Completion Data

²⁵ Spud Date 5-3-2000	²⁶ Ready Date 5-23-2000	²⁷ TD 5000'	²⁸ PBDT 4946'	²⁹ Perforations 3812' - 4144'	³⁰ DIHC, MC
³¹ Hole Size 12-1/4"	³² Casing & Tubing Size 8-5/8"	³³ Depth Set 457'	³⁴ Sacks Cement 400 sx.		
7-7/8"	5-1/2"	4994'	1201 sx.		
5-1/2"	2-7/8"		----		

VI. Well Test Data

³⁵ Date New Oil 5-24-2000	³⁶ Gas Delivery Date 5-24-2000	³⁷ Test Date 6-5-00	³⁸ Test Length 24 hrs.	³⁹ Tbg. Pressure 50	⁴⁰ Csg. Pressure 50
⁴¹ Choke Size -	⁴² Oil 35	⁴³ Water 506	⁴⁴ Gas 42	⁴⁵ AOF	⁴⁶ Test Method pumping

"I hereby certify that the rules 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:

Printed name:

Betsy Luna

Title:

Engineering Technician

Date:

6-20-2000

Phone:

(915) 682-6324

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Title:

Approval Date:

JUL 12 2000

"If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature

Printed Name

Title

Date

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., 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-105

Revised March 25, 1999

WELL API NO.
30-015-31051

5. Indicate Type of Lease
STATE ☒ FEE ☐

State Oil & Gas Lease No. E4201

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☒ GAS WELL ☐ DRY ☐
OTHER _____

b. Type of Completion:
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESRV. ☐ OTHER ☐

2. Name of Operator
Clayton Williams Energy, Inc.

3. Address of Operator
Six Desta Drive, Suite 3000, Midland, TX 79705

7. Lease Name or Unit Agreement Name
STATE '20E'

8. Well No.

2

9. Pool name or Wildcat
Empire, East (Yeso) (96610)

4. Well Location

Unit Letter **C** : **330** Feet From The **north** Line and **1650** Feet From The **west** Line

Section **20** Township **17S** Range **29E** NMPM **Eddy** County

10. Date Spudded **5-3-00** 10. Date T.D. Reached **5-13-00** 11. Date Compl. (Ready to Prod.) **5-23-00** 12. Elevations (DF& RKB, RT, GR, etc.) **3627' GR** 13. Elev. Casinghead **3628' GR**

14. Total Depth **5000'** 15. Plug Back T.D. **4946'** 3 If Multiple Compl. How Many Zones? **3** 18. Intervals Drilled By **X** Rotary Tools Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name **3812' - 4144' (Yeso)** 20. Was Directional Survey Made **No**

21. Type Electric and Other Logs Run
PEX/Azimuthal Laterolog Micro-CFL/NGT, Three Detector Litho-Density Comp Neutron/NGT, Natural Spectroscopy GR

22. Was Well Cored
No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	457'	12-1/4	400 sx.	None
5-1/2"	17#	4994'	7-7/8"	1201 sx.	None

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
				2-7/8"

26. Perforation record (interval, size, and number)
3812' - 4144', .47" entry, 35 holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3812' - 4144'	1286 bbls. gel + 202 bbls. 15% acid +
	833 bbls. 20% acid + 5400# 100 mesh sand

28. PRODUCTION

Date First Production **5-24-00** Production Method (Flowing, gas lift, pumping - Size and type pump) **Pumping - 50 hp submersible** Well Status (Prod. or Shut-in) **producing**

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
6/5/00	24	--		35	42	506	1200

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
50	50					38.1

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

30. List Attachments **C104, C116, Inclination survey, electric logs**

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature

Betsy Luna

Printed

Name **Betsy Luna**

Title **Engineering Tech.**

Date **6/20/00**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____	T. Canyon _____
T. Salt <u>440</u>	T. Strawn _____
B. Salt _____	T. Atoka _____
T. Yates <u>844</u>	T. Miss _____
T. 7 Rivers <u>1113</u>	T. Devonian _____
T. Queen <u>1690</u>	T. Silurian _____
T. Grayburg <u>2088</u>	T. Montoya _____
T. San Andres <u>2364</u>	T. Simpson _____
T. Glorieta <u>3800</u>	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinebry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand _____
T. Drinkard _____	T. Bone Springs _____
T. Abo _____	T. _____
T. Wolfcamp _____	T. _____
T. Penn _____	T. _____
T. Cisco (Bough C) _____	T. _____

Northwestern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____	No. 3, from _____ to _____
No. 2, from _____ to _____	No. 4, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____	feet _____
No. 2, from _____ to _____	feet _____
No. 3, from _____ to _____	feet _____

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

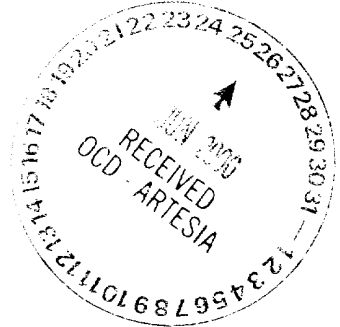




KEY ENERGY DRILLING, INC.
P.O. Box 1295
Midland, Texas 79702
Phone 915-570-0494
Fax 915-570-0465

To Whom It May Concern:

RE: STATE OF NEW MEXICO
OIL AND GAS DIVISION
INCLINATION REPORT



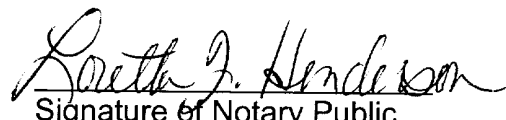
Lease Name: STATE 20 E
Well Number: #2
County/State: EDDY NM
Operator: CLAYTON WILLIAMS ENERGY
Address: 6 DESTA DRIVE #1100
Address: MIDLAND TX 79705
Location:

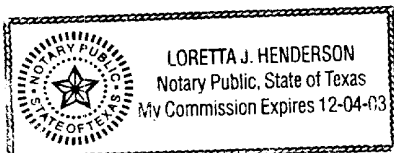
I, **CHOYR GILBERT**, Contract Manager for Key Energy Drilling, Inc., PO Box 1295, Midland, TX 79702, declare that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on this form and that such data and facts are true, correct, and complete to the best of my knowledge.

Sworn to and Subscribed Before Me by the said


CHOYR GILBERT
Contract Manager

This the 5TH day of June, 2000



Signature of Notary Public
In and for the State of Texas



LORETTA J. HENDERSON
Print Name of Notary Public

INCLINATION REPORT



SIGNATURE OF AUTHORIZED REPRESENTATIVE 	NAME OF COMPANY KEY ENERGY DRILLING, INC.
NAME OF PERSON AND TITLE CHOYR GILBERT - CONTRACT MANAGER	TELEPHONE NUMBER

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-116
Revised March 17, 1999

Submit 2 copies
To Appropriate
District Office

GAS - OIL RATIO TEST

Operator Clayton Williams Energy, Inc.		Pool Empire, East (Yeso)		County Eddy									
Address Six Desta Drive, Suite 3000, Midland, TX 79705		TYPE OF TEST - (X)											
LEASE NAME	WELL NO.	LOCATION				DAILY ALLOWABLE	SCHEDULED <input type="checkbox"/>	COMPLETION <input checked="" type="checkbox"/>				SPECIAL <input type="checkbox"/>	
		U	S	T	R			PROD. DURING TEST	GAS - OIL RATIO CU.FT/BBL.				
State "20E"	2	C	20	17S	29E	DATE OF TEST 6-5-00	STATUS P	TBG. PRESS.		CHOKE SIZE	GRAV. OIL	OIL BBL.S.	GAS M.C.F.



Instructions:

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

(See Rule 301, Rule 1116 & appropriate pool rules.)

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

Signature

Betsy Luna

Betsy Luna, Engineering Technician

Printed Name and Title

6-20-00

(915) 682-6324

Date

Telephone No.

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

WELL API NO.
30-015-31051

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
E4201

7. Lease Name or Unit Agreement Name:
STATE '20E'
(25339)

8. Well No.
2

9. Pool name or Wildcat (96610)
Empire, East (Yeso)

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-100) FOR SUCH PROPOSALS.)

1. Type of Well:
Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
Clayton Williams Energy, Inc.

3. Address of Operator
Six Desta Drive, Suite 3000, Midland, Texas 79705

4. Well Location
Unit Letter **C** : **330** feet from the **north** line and **1650** feet from the **west** line
Section **20** Township **17S** Range **29E** NMPM **Eddy** County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
3627' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>
MULTIPLE COMPLETION <input type="checkbox"/>	OTHER: RIG RELEASE <input type="checkbox"/>
OTHER: <input type="checkbox"/>	

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

5/5-13/2000: Drill 7-7/8" hole to 5000'. Ran open hole logs (Platform Express/HALS) from TD to casing.

5/14/2000: Run 124 jts. 5 1/2" 17#, K-55 LT&C casing, casing set @ 4994', DV tool @ 2670'. Cement Stage I with 471 sx. Ultra Lite C + 5 pps D42 + .35% D65 + 0.35% D-156 + 0.2% D-46. Open DV tool and circulate. Circulate approx. 88 sx. cement to surface. Cement Stage II: Lead 560 sx. 35:65 Poz C + 6% D20 + 2% S1 + 1/4 pps D29. Tail with 170 sx. Cl. C neat cement. Circulate approx. 100 sx. cement to surface.

5/14/2000: Drilling rig is released. Well waiting on completion.

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

SIGNATURE Betsy Luna TITLE Engineering Technician DATE 5/22/00

Type or print name Betsy Luna Telephone No. (915) 682-6324

(This space for State use)

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

APPROVED BY _____ TITLE _____ DATE JUN 01 2000

Conditions of approval, if any:



Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

WELL API NO.
30-015-31051

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
E4201

Lease Name or Unit Agreement Name:

STATE '20E'

(25339)

8. Well No.

2

9. Pool name or Wildcat (96610)
Empire, East (Yeso)

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Clayton Williams Energy, Inc.

3. Address of Operator

Six Desta Drive, Suite 3000, Midland, Texas 79705

4. Well Location

Unit Letter C: 330 feet from the north line and 1650 feet from the west line

Section 20

Township 17S

Range 29E

NMPM

Eddy County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
3627'

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☒

OTHER: **SPUD** ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

5/3/00: Spud 12-1/4" hole at 12:15 a.m. 5/3/2000. Drilling Contractor: Key Energy Services, Rig #22

5/3-4/00: Drill 12-1/4" hole to 476'. Run and set 10 jts. of 8-5/8" 24# K-55 ST&C casing, set at 457'. Cement with 300 sx. of Class "C" cement with 2% CaCl2 + 1/4 #/sx. Flocele. No returns. Cement down backside with 100 sx. Cl. C + 4% CaCl2. WOC 18 hrs.

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

SIGNATURE Betsy Luna TITLE Engineering Technician DATE 5/8/00

Type or print name Betsy Luna Telephone No. (915) 682-6324

(This space for State use)

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

APPROVED BY _____ DATE MAY 15 2000
Conditions of approval, if any:

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

Form C-10
Revised March 17, 1999

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

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

Operator Name and Address Clayton Williams Energy, Inc. Six Desta Drive, Suite 3000 Midland, TX 79705		OGRID Number 25706
Property Code 25339		API Number 30-015-31051
Property Name STATE '20E'		Well No. 2

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	20	17 S	29 E		330	north	1650	west	Eddy

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

Proposed Pool 1 Empire, East (Yeso) (96610)					Proposed Pool 2 Grayburg Jackson -7R's,QN,GB,SA (28509)				
---	--	--	--	--	---	--	--	--	--

Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3627'
Multiple N	Proposed Depth 5000'	Formation Yeso Sands	Contractor Key Energy Drilling	Spud Date upon approval

Minimum WOC time **18 hrs.**

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

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.

- 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#/sx. celloflake. Circulate cement to surface.
- 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#/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#/sx. celloflake. Circulate cement to surface.

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**
DISTRICT II SUPERVISOR

Title:

Approval Date: **APR 03 2000**

Expiration Date: **APR 03 2001**

Conditions of Approval:

Attached ☐

THE UNIVERSITY OF CHICAGO
LIBRARY

1911 10 10

DISTRICT II

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

DISTRICT III

1000 Rio Brazos Rd., Artesia, 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 (Mesa)
Property Code 25339	Property Name STATE 20 "E"	Well Number 2
OGRID No. 25706	Operator Name CLAYTON WILLIAMS ENERGY, INC.	Elevation 3627

Surface Location

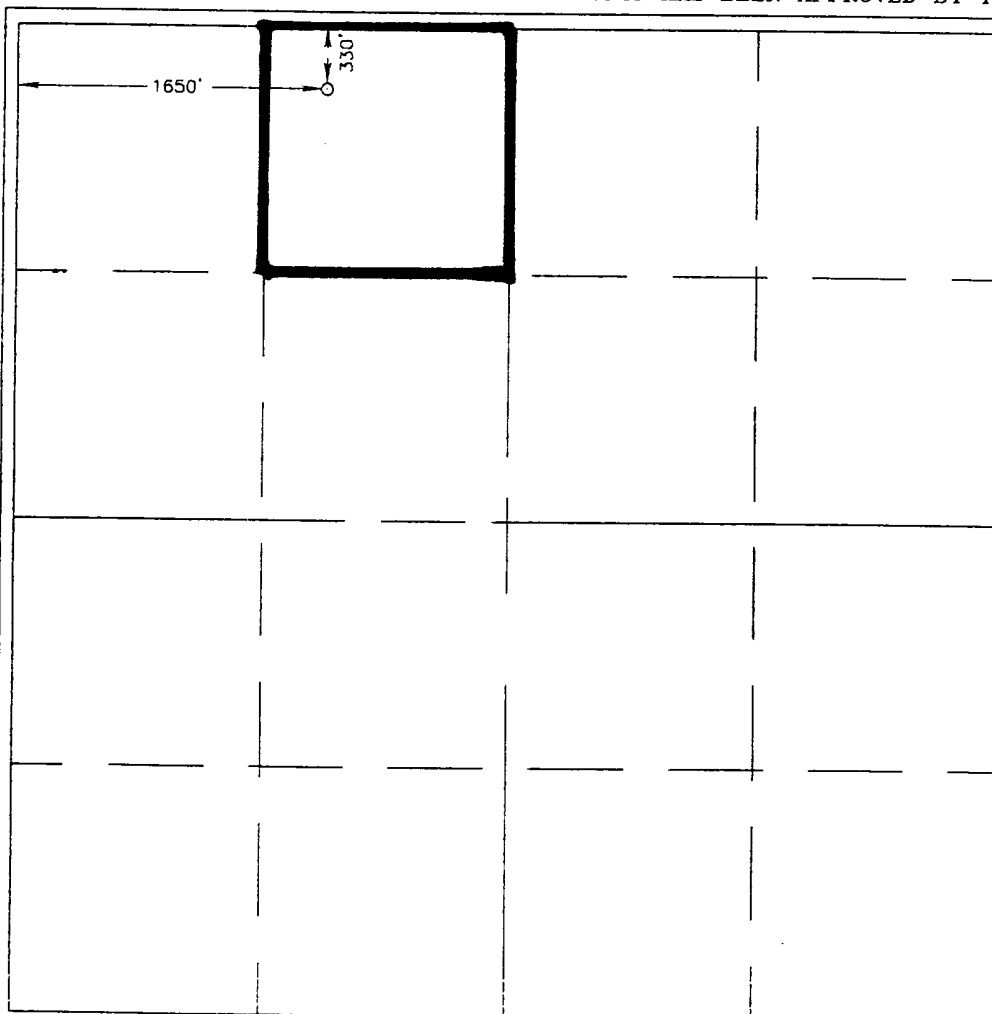
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	20	17 S	29 E		330	NORTH	1650	WEST	EDDY

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	Joint or Infill	Consolidation Code	Order No.
40			

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



OPERATOR CERTIFICATION

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

Betsy Luna
Signature

Betsy Luna

Printed Name

Regulatory Analyst

Title

03-24-2000

Date

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 belief.

MARCH 14, 2000

Date Surveyed

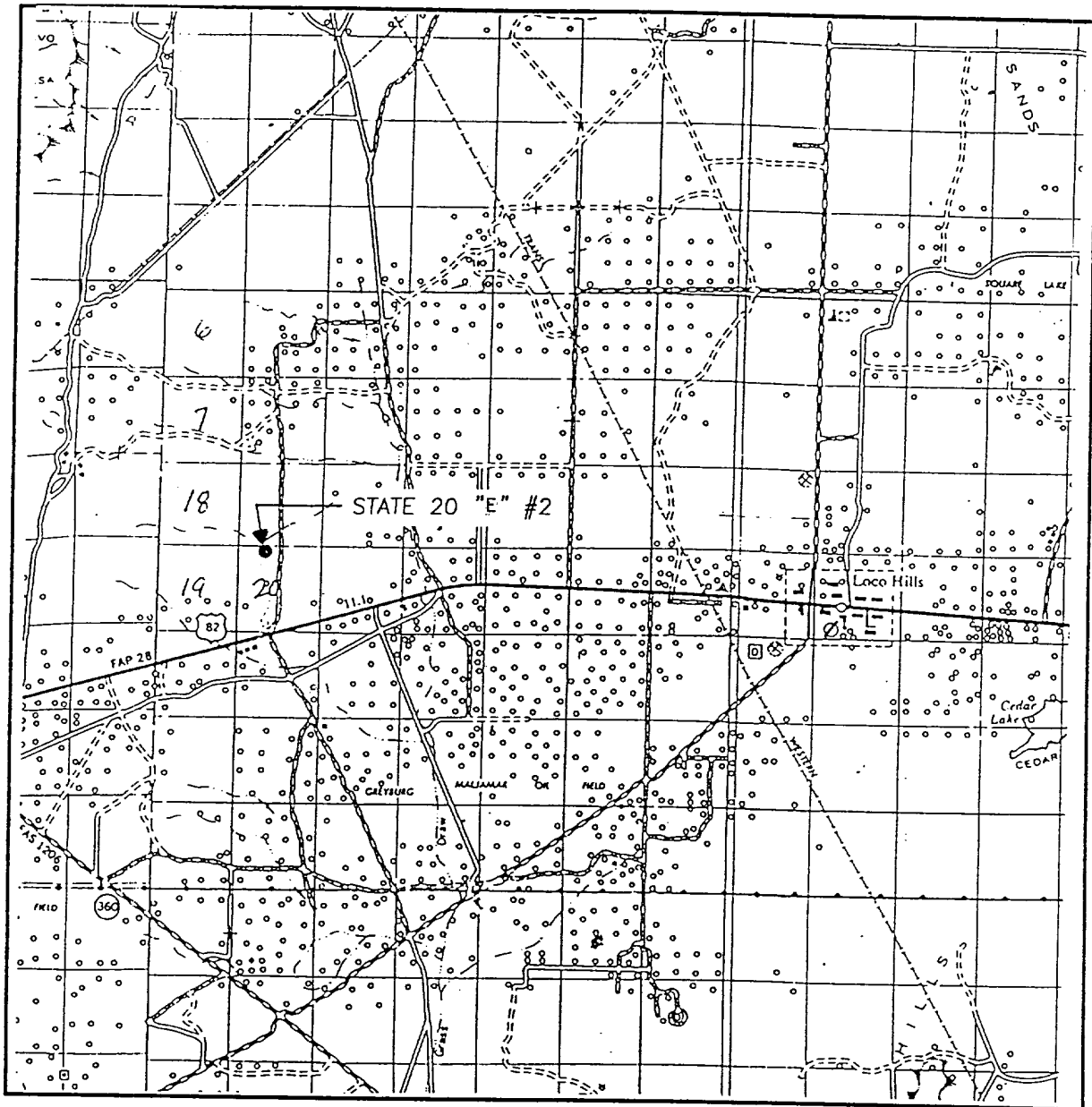
DC

Signature & Seal of
Professional Surveyor

Ronald F. Eidson 3/15/2000
06-11-0338

Certificate No. RONALD F. EIDSON 3239
GARY EIDSON 12641
MACON McDONALD 12185

VICINITY MAP

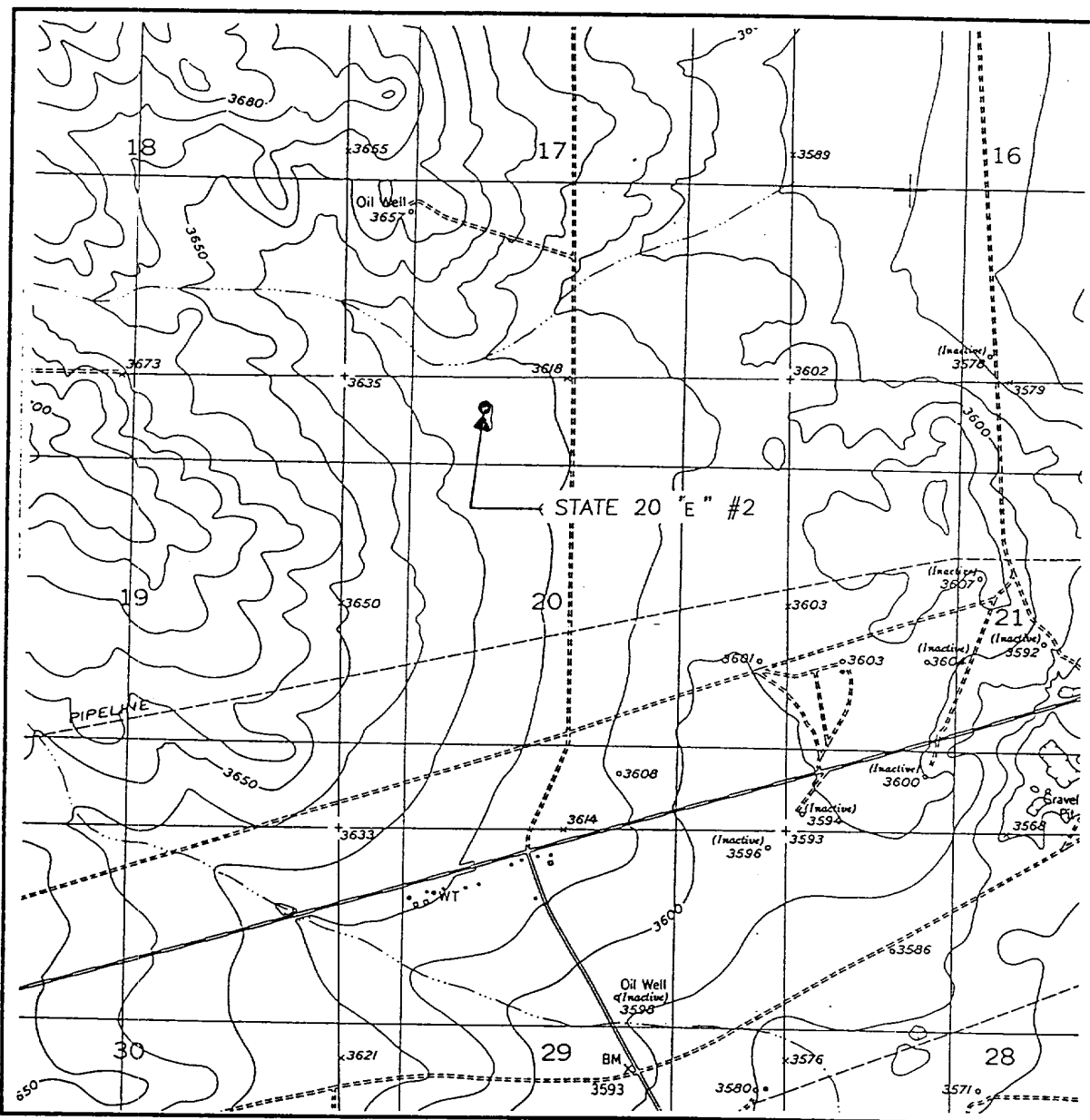


SCALE: 1" = 2 MILES

SEC. 20 TWP. 17-S RGE. 29-E
 SURVEY N.M.P.M.
 COUNTY EDDY
 DESCRIPTION 330' FNL & 1650' FWL
 ELEVATION 3627
 OPERATOR CLAYTON WILLIAMS
ENERGY, INC.
 LEASE STATE 20 "E"

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
RED LAKE SE - 10'

SEC. 20 TWP. 17-S RGE. 29-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 330' FNL & 1650' FWL

ELEVATION 3627

OPERATOR CLAYTON WILLIAMS
ENERGY, INC.

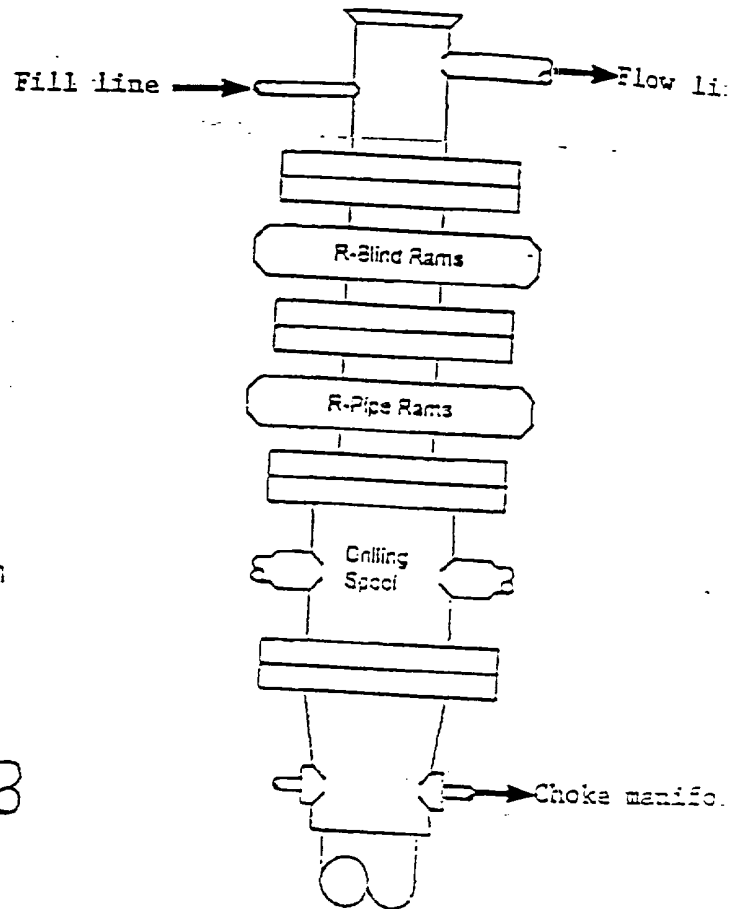
LEASE STATE 20 "E"

U.S.G.S. TOPOGRAPHIC MAP

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

