

COMMISSIONER'S OFFICE

Phone (505) 827-5760

Fax (505) 827-5766

ADMINISTRATION

Phone (505) 827-5700

Fax (505) 827-5853

GENERAL COUNSEL

Phone (505) 827-5713

Fax (505) 827-4262

PUBLIC AFFAIRS

Phone (505) 827-1245

Fax (505) 827-5766

#12,923

COMMERCIAL RESOURCES

Phone (505) 827-5724

Fax (505) 827-6157

MINERAL RESOURCES

Phone (505) 827-5744

Fax (505) 827-4739

ROYALTY MANAGEMENT

Phone (505) 827-5772

Fax (505) 827-4739

SURFACE RESOURCES

Phone (505) 827-5793

Fax (505) 827-5711

**New Mexico State Land Office
Commissioner of Public Lands
Ray Powell, M.S., D.V.M.**

September 27, 2002

Yates Petroleum Corporation
105 South Fourth Street
Artesia, New Mexico 88210-2118

Attn: Mr. Robert Bullock

Re: Final Approval
Calfrope State Exploratory Unit
Lea County, New Mexico

Dear Mr. Bullock:

This office is in receipt of your letter of September 27, 2002, requesting final approval of the Calfrope State Exploratory Unit Agreement, Lea County, New Mexico.

Please be advised that the Commissioner of Public Lands has this date granted final approval to the Calfrope State Exploratory Unit Agreement, Lea County, New Mexico. The effective date of your agreement is September 27, 2002.

It is our understanding that all tracts are committed to the unit at this time.

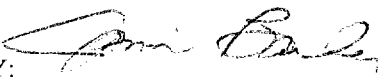
Enclosed are (5) Certificates of Approval.

Your \$90.00 filing fee has been received.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: 

JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744

RP/JB/pm

pc: Reader File,
OCD-Santa Fe, Attn: Mr. Roy Johnson
TRD-Attn: Mr. Valdean Severson
RMD-Curt McFall

UNIT NAME: CALFROPE STATE EXPLORATORY UNIT
OPERATOR: YATES PETROLEUM CORPORATION
COUNTY: LEA

DATE	OCC CASE NO.	TOTAL	STATE	FEDERAL	INDIAN	SEGREGATION	TERM
APPROVED	OCC ORDER NO.	ACREAGE			FEE	CLAUSE	
EFFECTIVE	CASE NO. 12923	1560.00	1560.00	0	0	STRICT	5 YEARS
09/27/2002	ORDER NO. R-11839						SO LONG AS

APPROVALS

SLO--09-27-2002
OCD--09-27-2002

TOWNSHIP 15 SOUTH, RANGE 34 EAST

SECTION 28: SW4, W2NW4, SE4NW4
SECTION 29: ALL
SECTION 32: ALL

EXHIBIT B
CALFROPE STATE EXPLORATORY UNIT
LEA COUNTY, NM

TRACT NUMBER	DESCRIPTION OF LANDS	NET ACRES	SERIAL NUMBER AND EXPIRATION DATE	LESSOR	LESSEE OF RECORD	OVERRIDING ROYALTY	WORKING INTEREST
1.	T15S, R34E Sec. 29: All	640.00	VA-16881 10/1/02	State of New Mexico	Yates Petroleum Corporation	None	Yates Petroleum Corporation 8.3.0.02 Yates Drilling Company 4.3.0.02 Abo Petroleum Corporation 6.3.0.02 Mycos Industries, Inc. 7.000% David Petroleum Corp. 4-12-02 12.720% McMillan Production Corporation, Inc. 4-12-02 4.769% McMillan Ventures 4-12-02 6.000% Permian Exploration Company 4-12-02 5.385% Michael A. McMillan 4-12-02 0.563% Edward N. David 4-12-02 0.281% Keith E. McKamey 4-12-02 0.141% William B. Owen 4-12-02 0.141%
2.	T15S, R34E Sec. 32: All	640.00	VA-1699 11/1/02	State of New Mexico	Yates Petroleum Corporation	None	Yates Petroleum Corporation 4.3.0.02 49.000% Yates Drilling Company 7.000% Abo Petroleum Corporation 7.000% Mycos Industries, Inc. 7.000% David Petroleum Corp. 4-12-02 12.720% McMillan Production Corporation, Inc. 4-12-02 4.769% McMillan Ventures 6.000% Permian Exploration Company 5.385% Michael A. McMillan 0.563% Edward N. David 0.281% Keith E. McKamey 0.141% William B. Owen 0.141%
3.	T15S, R34E Sec 28: SW4, W2NW4, SE4NW4	280.00	VO-6100 1/1/06	State of New Mexico	Yates Petroleum Corporation	None	Yates Petroleum Corporation 49.000% Yates Drilling Company 7.000% Abo Petroleum Corporation 7.000% Mycos Industries, Inc. 7.000% David Petroleum Corp. 12.720% McMillan Production Corporation, Inc. 4.769% McMillan Ventures 6.000% Permian Exploration Company 5.385% Michael A. McMillan 0.563% Edward N. David 0.281% Keith E. McKamey 0.141% William B. Owen 0.141%
TOTAL STATE LANDS		1560 ACRES					
TOTAL ACRES		1560 ACRES					

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Fax (505) 827-5766



**New Mexico State Land Office
Commissioner of Public Lands
Ray Powell, M.S., D.V.M.**

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ROYALTY MANAGEMENT

Phone (505) 827-5772
Fax (505) 827-4739

SURFACE RESOURCES

Phone (505) 827-5793
Fax (505) 827-5711

September 17, 2002

Yates Petroleum Corporation
105 South Fourth Street
Artesia, New Mexico 88210

Attention: Mr. Robert Bullock

Re: Preliminary Approval
Proposed Calfrope State Exploratory Unit
Lea County, New Mexico

Dear Mr. Bullock:

This office has received the unexecuted copy of the unit agreement, which you have submitted for the proposed Calfrope State Exploratory Unit area, Lea County, New Mexico. This agreement meets the general requirements of the Commissioner of Public Lands, who has this date granted you preliminary approval as to form and content.

Preliminary approval shall not be construed to mean final approval of this agreement in any way and will not extend any short term leases, until final approval and an effective date have been given.

When submitting your agreement for final approval, please submit the following:

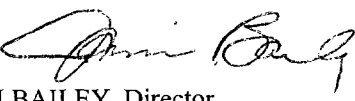
1. Application for final approval by the Commissioner setting forth the tracts that have been committed and the tracts that have not been committed.
2. Pursuant to Rule 1.045, applications for approval shall contain a statement of facts showing:
 - a. That such agreement will tend to promote the conservation of oil and gas and the better utilization of reservoir energy.
 - b. That under the proposed unit operation, the State of New Mexico will receive its fair share of the recoverable oil and gas in place under its lands in the proposed unit area.
 - c. That each beneficiary institution of the State of New Mexico will receive its fair and equitable share of the recoverable oil and gas under its lands within the unit area.
 - d. That such unit agreement is in other respects for the best interest of the trust.
3. All ratifications from the Lessees of Record and Working Interest Owners. All signatures should be acknowledged by a notary and one set must contain original signatures.
4. Order of the New Mexico Oil Conservation Division. Our approval will be conditioned upon subsequent favorable approval by the New Mexico Oil Conservation Division.
5. Please submit two copies of the Unit Agreement.

6. A copy of the Unit Operating Agreement (if applicable).
7. Copies of all the well records for the initial unit well.
8. Your filing fee in the amount of \$90.00 has been received.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: 
JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744

RP/JB/pm

cc: OCD-Santa Fe, Attention: Mr. Roy Johnson
William F. Carr



PATRICK H. LYONS
COMMISSIONER

State of New Mexico
Commissioner of Public Lands

310 OLD SANTA FE TRAIL
P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

COMMISSIONER'S OFFICE
Phone (505) 827-5760
Fax (505) 827-5766
www.nmstatelands.org

May 27, 2003

Yates Petroleum Corporation
105 South Fourth Street
Artesia, New Mexico 88210

Attn: Mr. Robert Bullock

Re: Calfrope State Unit Well No. 1
NW/4SW/4, Sec. 28-15S-34E
Commercial Well Determination
Lea County, New Mexico

Dear Mr. Bullock:

We received your letter of May 16, 2003 together with data that supports your commercial determination regarding the Calfrope State Unit Well No. 1.

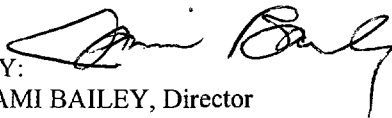
The Commissioner of Public Lands concurs with Yates Petroleum Corporation's determination that the above-mentioned well is a commercial well in the Morrow formation.

Your plan of development for 2003 has also been received and is currently being evaluated.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

PATRICK H. LYONS
COMMISSIONER OF PUBLIC LANDS

BY: 

JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744

PL/JB/pm

pc: Reader File, OCD-Attention: Mr. Roy Johnson

RECEIVED

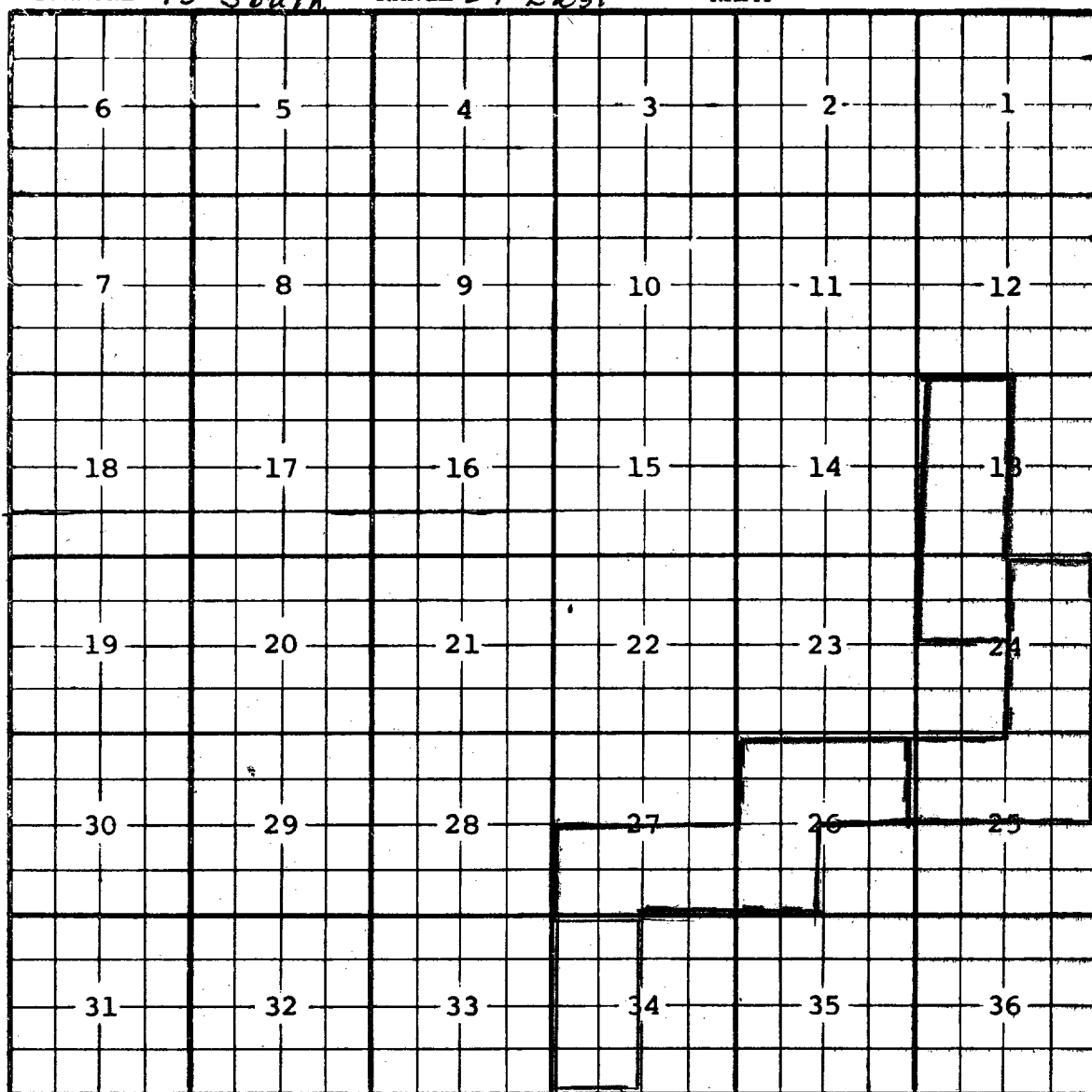
MAY 29 2003

OIL CONSERVATION
DIVISION

WORKING COPY - NOT FOR DISTRIBUTION

COUNTY LeaPOOL North Eidson - Morrow Gas76360TOWNSHIP 15 SouthRANGE 34 East

NMPM

Description: $\frac{W}{2}$ Sec 34 (R-5417, 4-1-77)Ext: $\frac{N}{2}$ and $\frac{SW}{4}$ Sec 26, $\frac{S}{2}$ Sec 27 (R-10488, 10-15-95)Ext: $\frac{E}{2}$ Sec 24, $\frac{N}{2}$ Sec 25 (R-11728, 2-20-02) Ext: $\frac{W}{2}$ Sec 13, $\frac{NW}{4}$ Sec 24 (R-11818, 8-26-02)

County Lea

Pool North Eidson-Morrow Gas

TOWNSHIP 15 South

Range 35 East

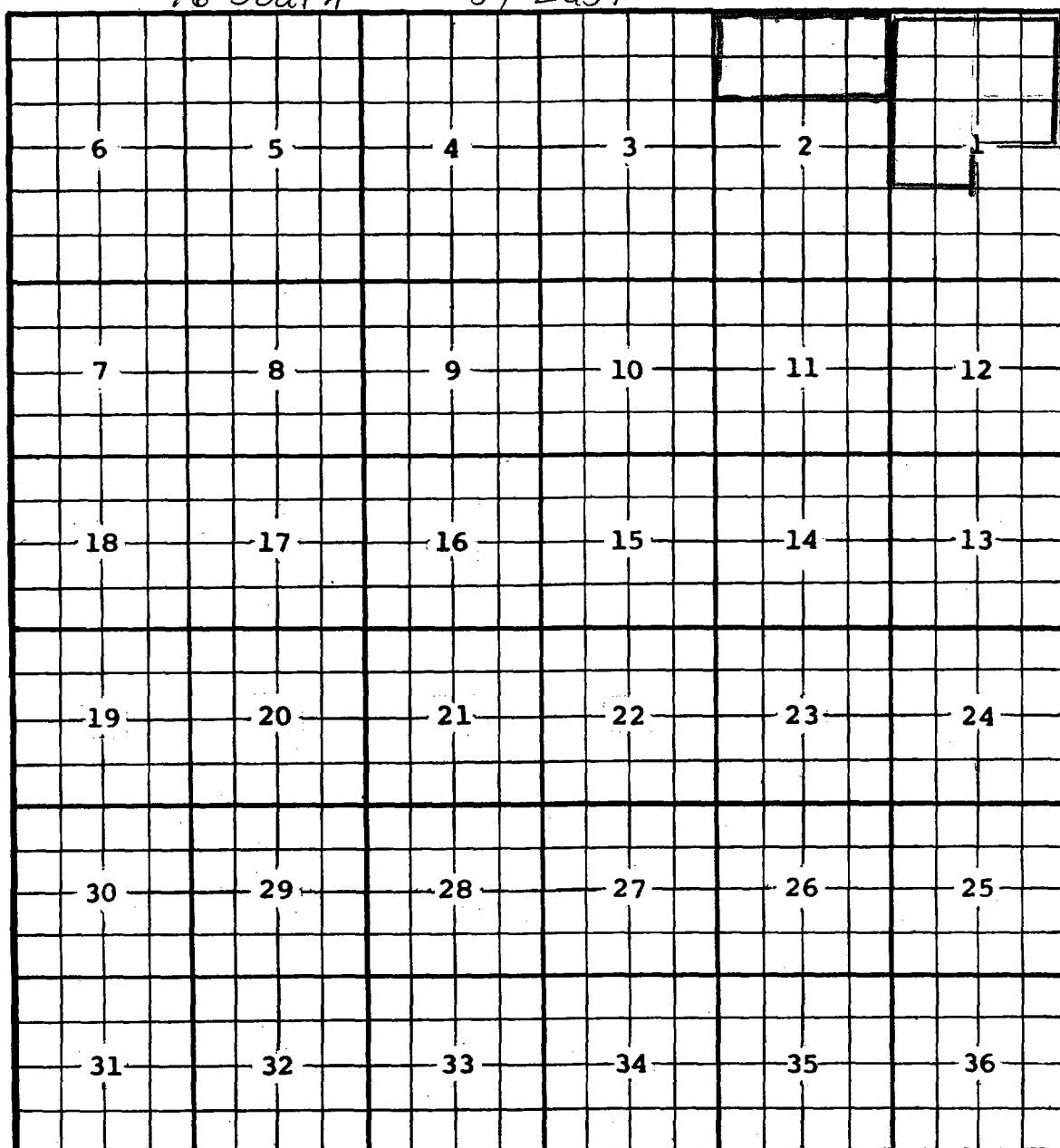
NMPM

6	5	4	3	2	1	
7	8	9	10	11	12	
18	17	16	15	14	13	
*	19	20	21	22	23	24
30	29	28	27	26	25	
31	32	33	34	35	36	

Ext: $\frac{W}{2}$ Sec. 19 (R-11728, 2-20-02) Ext: $\frac{E}{2}$ Sec. 18, $\frac{NE}{4}$ Sec. 19 (R-11818, 2-24-02)

COUNTY Lea POOL North Eidson-Morrow Gas

TOWNSHIP 16 South RANGE 34 East NMPM



Ext: Lots 1 through 14 sec. 1 (R-7158, 12-8-82)

Ext: Sec. 2. Lots 1-8 (R-7222, 1-25-83)

COUNTY Lea

POOL North Eidson-Morrow Gas

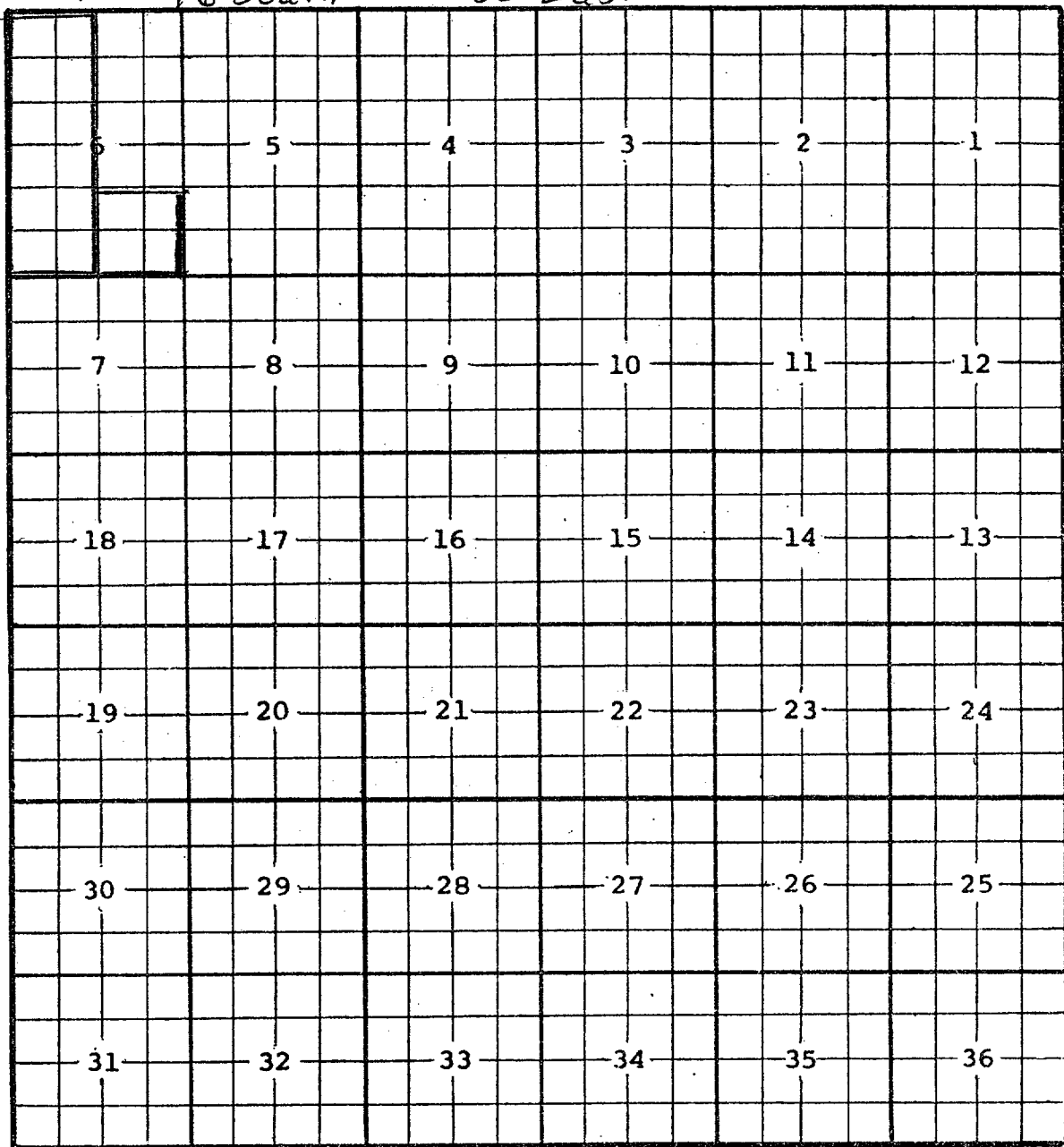
TOWNSHIP

16 South

RANGE

35 East

NMPM



Ext: Lots 3, 4, 5, 6, 11, 12, 13, 14, and $\frac{SW}{4}$ Sec. 6 (R-6923, 3-9-82)

Ext: $\frac{SE}{4}$ Sec. 6 (R-11633, 8-10-01)

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

Sec : 28 Twp : 15S Rng : 34E Section Type : NORMAL

09/23/02 10:45:03
OGOMES -TQ12
PAGE NO: 1

D	C	B	A
40.00 CS V06100 0000 YATES PETROLEUM C 01/01/06	40.00 Fee owned	40.00 Fee owned	40.00 Fee owned
E	F	G	H
40.00 CS V06100 0000 YATES PETROLEUM C 01/01/06	40.00 CS V06100 0000 YATES PETROLEUM C 01/01/06	40.00 Fee owned	40.00 Fee owned

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

CMD :
OG5SECT
ONGARD
INQUIRE LAND BY SECTION

09/23/02 10:45:07
OGOMES -TQI2
PAGE NO: 2

Sec : 28 Twp : 15S Rng : 34E Section Type : NORMAL

L		K		J	I
40.00		40.00		40.00	40.00
CS		CS		Fee owned	Fee owned
V06100 0000		V06100 0000			
YATES PETROLEUM C		YATES PETROLEUM C			
01/01/06		01/01/06			
M		N		O	P
40.00		40.00		40.00	40.00
CS		CS		Fee owned	Fee owned
V06100 0000		V06100 0000			
YATES PETROLEUM C		YATES PETROLEUM C			
01/01/06		01/01/06			

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

09/23/02 10:44:47
OGOMES -TQ12
PAGE NO: 1

Sec : 29 Twp : 15S Rng : 34E Section Type : NORMAL

D	C	B	A
40.00 CS VA1688 0000 YATES PETROLEUM C 10/01/02	40.00 CS VA1688 0000 YATES PETROLEUM C 10/01/02	40.00 CS VA1688 0000 YATES PETROLEUM C 10/01/02	40.00 CS VA1688 0000 YATES PETROLEUM C 10/01/02
E	F	G	H
40.00 CS VA1688 0000 YATES PETROLEUM C 10/01/02	40.00 CS VA1688 0000 YATES PETROLEUM C 10/01/02	40.00 CS VA1688 0000 YATES PETROLEUM C 10/01/02	40.00 CS VA1688 0000 YATES PETROLEUM C 10/01/02

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

09/23/02 10:44:50
OGOMES -TQI2
PAGE NO: 2

Sec : 29 Twp : 15S Rng : 34E Section Type : NORMAL

L	K	J	I
40.00 CS VA1688 0000 YATES PETROLEUM C 10/01/02	40.00 CS VA1688 0000 YATES PETROLEUM C 10/01/02	40.00 CS VA1688 0000 YATES PETROLEUM C 10/01/02	40.00 CS VA1688 0000 YATES PETROLEUM C 10/01/02
M	N	O	P
40.00 CS VA1688 0000 YATES PETROLEUM C 10/01/02	40.00 CS VA1688 0000 YATES PETROLEUM C 10/01/02	40.00 CS VA1688 0000 YATES PETROLEUM C 10/01/02	40.00 CS VA1688 0000 YATES PETROLEUM C 10/01/02

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

Sec : 32 Twp : 15S Rng : 34E Section Type : NORMAL

09/23/02 10:44:33
OGOMES -TQ12
PAGE NO: 1

D	C	B	A
40.00	40.00	40.00	40.00
CS	CS	CS	CS
VA1699 0000	VA1699 0000	VA1699 0000	VA1699 0000
YATES PETROLEUM C	YATES PETROLEUM C	YATES PETROLEUM C	YATES PETROLEUM C
11/01/02	11/01/02	11/01/02	11/01/02
E	F	G	H
40.00	40.00	40.00	40.00
CS	CS	CS	CS
VA1699 0000	VA1699 0000	VA1699 0000	VA1699 0000
YATES PETROLEUM C	YATES PETROLEUM C	YATES PETROLEUM C	YATES PETROLEUM C
11/01/02	11/01/02	11/01/02	11/01/02

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

09/23/02 10:44:37
OGOMES -TQI2
PAGE NO: 2

Sec : 32 Twp : 15S Rng : 34E Section Type : NORMAL

L	K	J	I
40.00 CS VA1699 0000 YATES PETROLEUM C 11/01/02	40.00 CS VA1699 0000 YATES PETROLEUM C 11/01/02	40.00 CS VA1699 0000 YATES PETROLEUM C 11/01/02	40.00 CS VA1699 0000 YATES PETROLEUM C 11/01/02
M	N	O	P
40.00 CS VA1699 0000 YATES PETROLEUM C 11/01/02	40.00 CS VA1699 0000 YATES PETROLEUM C 11/01/02	40.00 CS VA1699 0000 YATES PETROLEUM C 11/01/02	40.00 CS VA1699 0000 YATES PETROLEUM C 11/01/02

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

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

OIL CONSERVATION DIVISION

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

'90 MAY 29 AM 11 01

WELL API NO.	30-025-30728
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil & Gas Lease No.	

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 ☐	7. Lease Name or Unit Agreement Name Chevron 28 State
2. Name of Operator Chevron U.S.A. Inc.	8. Well No. 1
3. Address of Operator P.O. Box 670, Hobbs, NM 88240	9. Pool name or Wildcat Wildcat
4. Well Location Unit Letter L : 2068 Feet From The South Line and 610 Feet From The West Line Section 28 Township 15S Range 34E NMPM Lea County	10. Elevation (Show whether DF, RKB, RT, GR, etc.) 4095.5

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 ☐	
OTHER: ☐	

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐	ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☒
CASING TEST AND CEMENT JOB ☐	
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.

DRILLED 7 7/8" HOLE F 4642-11650 TD, CUT CORE #1 F 11087 TO 11146, RU
SCHLUMBERGER RIH W/OPEN HOLE LOGS, RUN #1 LTD-CNL-NGT, #2 GR-DIL-SFL-SP, #3
GR-SDT, DIPMETER & VELOCITY SURVEY, TIH W/OE DP TO 11650' CIRC & COND HOLE,
SET CMT PLUG:

#1 F 11650 TO 11365 W/75 SX
#2 F 9800 TO 9577 W/75 SX
#3 F 8082 TO 7854 W/85 SX
#4 F 6079 TO 5851 W/85 SX
#5 F 4692 TO 4441 W/75 SX
#6 F 2900 TO 2611 W/75 SX
#7 F 1870 TO 1581 W/75 SX
#8 F 60 TO SURFACE W/15 SX

NDBOPE CUTOFF WH INSTALL DRY HOLE MARKER, PLUGGED & ABANDONED 1-27-90.

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

SIGNATURE M. E. Akins 1/30/90 TITLE Staff Drlg. Engr. DATE 1-30-90

TYPE OR PRINT NAME M. E. Akins TELEPHONE NO. 393-4121

(This space for State Use)

APPROVED BY [Signature] TITLE OIL & GAS INSPECTOR DATE MAY 24 1990

CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
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

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-105
Revised 1-1-89

WELL API NO.

30-025-30728

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

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 RESVR ☐

OTHER ☐

2. Name of Operator

Chevron U.S.A. Inc.

3. Address of Operator

P.O. Box 670, Hobbs, NM 88240

4. Well Location

Unit Letter L: 2068 Feet From The South Line and 610 Feet From The West Line

Section 28 Township 15S Range 34E NMPM Lea County

10. Date Spudded

12-12-89

11. Date T.D. Reached

1-24-90

12. Date Compl. (Ready to Prod.)

13. Elevations (DF & RKB, RT, GR, etc.)

4095.5 GR

14. Elev. Casinghead

15. Total Depth

11,650

16. Plug Back T.D.

surface

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

X

19. Producing Interval(s), of this completion - Top, Bottom, Name

20. Was Directional Survey Made

21. Type Electric and Other Logs Run

LTD-CNL-NGT, GR-DIL-SFL-SP, GR-SDT

22. Was Well Cored

yes

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
11 3/4"	42#	400	14 3/4"	500 'C'	
8 5/8"	32#	4500	11"	2500 'C'	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number)

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

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

28. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	

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

Test Witnessed By

30. List Attachments

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

Signature

M. E. Akins

Printed Name

M. E. Akins

Title

Staff Drllg. Engr.

Date

2/27/90

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	1752	T. Canyon	11449
T. Salt		T. Strawn	
B. Salt		T. Atoka	
T. Yates	2915	T. Miss	
T. 7 Rivers	3163	T. Devonian	
T. Queen	3722	T. Silurian	
T. Grayburg	4141	T. Montoya	
T. San Andres		T. Simpson	
T. Glorieta	6079	T. McKee	
T. Paddock		T. Ellenburger	
T. Blinebry		T. Gr. Wash	
T. Tubb	7290	T. Delaware Sand	
T. Drinkard		T. Bone Springs	
T. Abo	8082	T.	
T. Wolfcamp	9800	T.	
T. Penn		T.	
T. Cisco (Bough C)	10998	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
Surface	1752	1752	Red Beds	9180	9400		Anhydrite/ Dolomite
1752	3163		Anhydrite & Salt	9400	9580		Dolomite/Shale
3163	4550		Anhydrite/Dolomite/Sand	9580	9800		Dolomite
4550	4670		Dolomite/Anhydrite	9800	10230		Limestone
4670	5880		Dolomite	10230	10760		Limestone/Shale
5880	6060		Dolomite/Limestone/Anhydrite	10760	11240		Shale
6060	6190		Dolomite/Anhydrite/Sand	11240	11650		Shale/Limestone
6190	7290		Dolomite				
7290	7420		Sand/Dolomite				
7420	8020		Dolomite				
8020	8550		Dolomite/Shale/Anhydrite				
8550	8900		Dolomite				
8900	9180		Dolomite/Anhydrite/Shale				

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MAR 5 1990
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FEB 28 1990
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30-025-30728

INCLINATION REPORT

29-Jan-90

OPERATOR: CHEVRON U.S.A., INC.
 ADDRESS: P.O. BOX 670
 HOBBS, NEW MEXICO 88240

WELL NAME: CHEVRON "28" STATE NO. 1
 LOCATION: SEC. 28, T-15-S, R-34-E
 LEA COUNTY, NEW MEXICO

2068/ & + 6'88" JUN 7 AM 9 34

RECORD OF INCLINATION

MEASURED DEPTH (feet)	COURSE LENGTH	ANGLE OF INCLINATION (Degrees)	DISPLACEMENT PER HUNDRED FEET (Sine of Angle X100)	COURSE DISPLACEMENT (feet)	ACCUMULATIVE DISPLACEMENT (feet)
253	253	0.50	0.88	2.21	2.21
450	197	0.75	1.31	2.59	4.80
943	493	0.50	0.88	4.31	9.11
1443	500	1.00	1.75	8.75	17.86
1797	354	1.00	1.75	6.20	24.06
2294	497	1.00	1.75	8.70	32.76
2791	497	1.00	1.75	8.70	41.45
3220	429	1.00	1.75	7.51	48.96
3730	510	0.75	1.31	6.69	55.65
3887	157	0.50	0.88	1.37	57.03
4381	494	0.50	0.88	4.32	61.35
4642	261	0.50	0.88	2.28	63.63
4882	240	0.75	1.31	3.15	66.78
5365	483	1.25	2.19	10.57	77.35
5853	488	1.25	2.19	10.68	88.03
6349	496	0.50	0.88	4.34	92.37
6848	499	1.00	1.75	8.73	101.10
7349	501	1.00	1.75	8.77	109.87
7523	174	0.50	0.88	1.52	111.39
8027	504	1.00	1.75	8.82	120.21
8527	500	1.75	3.06	15.31	135.52
8989	462	1.75	3.06	14.15	149.67
9243	254	1.75	3.06	7.78	157.45
9740	497	2.75	4.81	23.92	181.37
10008	268	2.75	4.81	12.90	194.26
10313	305	2.00	3.50	10.68	204.94
10445	132	1.75	3.06	4.04	208.98
10763	318	2.50	4.38	13.91	222.89
11087	324	2.00	3.50	11.34	234.23
11650	563	1.75	3.06	17.24	251.48

Accumulative total displacement at well bore at total depth of 11,650 feet = 251.48 feet.

Inclination measurements were made in - ☐ Tubing ☐ Casing ☐ Open Hole ☒ Drill Pipe.

At no time was the subject well intentionally deviated from the vertical in any manner whatsoever.

INCLINATION DATA CERTIFICATION

I 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.

M. D. Mosley
 Signature of Authorized Representative

M. D. Mosley, Vice President Operations
 Name of Person and Title

TOT Drilling Corporation
 Name of Company

Telephone: (915) 563-1948

STATE OF TEXAS)

COUNTY OF MIDLAND)

Subscribed and sworn before me this 29th day of January,

1990.

Elizabeth A. Knight
 Notary Public, State of Texas
 Elizabeth A. Knight

My commission expires the 10th day of June, 1993.

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

OIL CONSERVATION DIVISION
RECEIVED
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

90 JAN 22 AM 10 00

WELL API NO.	30-025-30728
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil & Gas Lease No.	

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 ☐	7. Lease Name or Unit Agreement Name Chevron 28 State
2. Name of Operator Chevron U.S.A. Inc.	8. Well No. 1
3. Address of Operator P.O. Box 670, Hobbs, NM 88240	9. Pool name or Wildcat Wildcat
4. Well Location Unit Letter L : 2068 Feet From The South Line and 610 Feet From The West Line Section 28 Township 15S Range 34E NMPM Lea County	
10. Elevation (Show whether OF, RKB, RT, GR, etc.) 4095.5	

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 ☐		CASING TEST AND CEMENT JOB ☐	
OTHER: ☐		OTHER: Set Casing ☒	

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.

MIRU TOT RIG #2, SPUD 14 3/4" HOLE @ 7:30 PM 12-12-89, DRILLED TO 450', SET & CEMENTED 11 3/4" CASING @ 450' W/300 SX CLASS C CMT W/2% CACL2, CIRC 85 SXS, PLUG DN @ 1315 HRS PM 12-13-89, NU CLASS III BOPE TEST TO 1000 PSI, DRLD CMT & FE, DRILLED AHEAD AT 1430 HRS 12-14-89 (TOTAL WOC TIME-25 1/4 HRS), DRILLED 11" HOLE TO 4642', SET & CMTD 8 5/8" CSG @ 4642' W/580 SX CLASS C CMT W/16% GEL & 200 SX CLASS C CMT & 2% CACL2, PLUG DN @ 0120 HRS 12-25-89, DID NOT CIRC CMT TO SURFACE, TSITOC @ 50', NU CLASS 4 BOPE, TSTD TO 5000 PSI, D/O CMT & FE TO 4642 (TOTAL WOC TIME 49 HRS). OB DRLG 7 7/8" HOLE 12-27-89, DRILLING AHEAD.

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

SIGNATURE M. E. Akins 1/16/90 TITLE Staff Drlg. Engr. DATE 1-16-90

TYPE OR PRINT NAME M. E. Akins TELEPHONE NO 393-4121

(This space for State Use)

APPROVED BY [Signature] DISTRICT 1 SUPERVISOR DATE JAN 18 1990

CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate
District Office:
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

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

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

API NO. (assigned by OCD on New Wells)
30-025-30728
5. Indicate Type of Lease
STATE ☒ FEE ☐
6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					
1a. Type of Work:			7. Lease Name or Unit Agreement Name		
DRILL ☒ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☐			Chevron State 28		
b. Type of Well:			8. Well No.		
OIL WELL ☒ GAS WELL ☐ OTHER ☐			1		
SINGLE ZONE ☐ MULTIPLE ZONE ☐			9. Pool name or Wildcat		
2. Name of Operator			Wildcat		
Chevron U.S.A. Inc.					
3. Address of Operator					
P. O. Box 670 Hobbs NM 88240					
4. Well Location					
Unit Letter L : 2068 Feet From The South Line and 610 Feet From The West Line					
Section 28 Township 15S Range 34E NMPM Lea County					
10. Proposed Depth			11. Formation		12. Rotary or C.T.
12,000			STRAWN		Rotary
13. Elevations (Show whether DF, RT, GR, etc.)		14. Kind & Status Plug Bond	15. Drilling Contractor	16. Approx. Date Work will start	
4095.5		Blanket	NYK	ASAP	
17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14 3/4"	11 3/4"	42	400	500 'C'	Circ
11"	8 5/8"	32	4500	2500 'C'	Circ
7 7/8"	5 1/2"	17	12000	2300 'C'	Circ

0-450' FW Spud Mud
450'-4500' 10 PPG BW
4500'-12000' FW/FW Mud

BOP EQUIPMENT

Chevron Class III Preventer
See Attached Drawing

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE m. E. Abim TITLE Staff Drilling Engineer DATE 11/03/89

TYPE OR PRINT NAME _____ TELEPHONE NO. _____

(This space for State Use)

APPROVED BY [Signature] TITLE DISTRICT 1 SUPERVISOR DATE NOV 6 1989

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

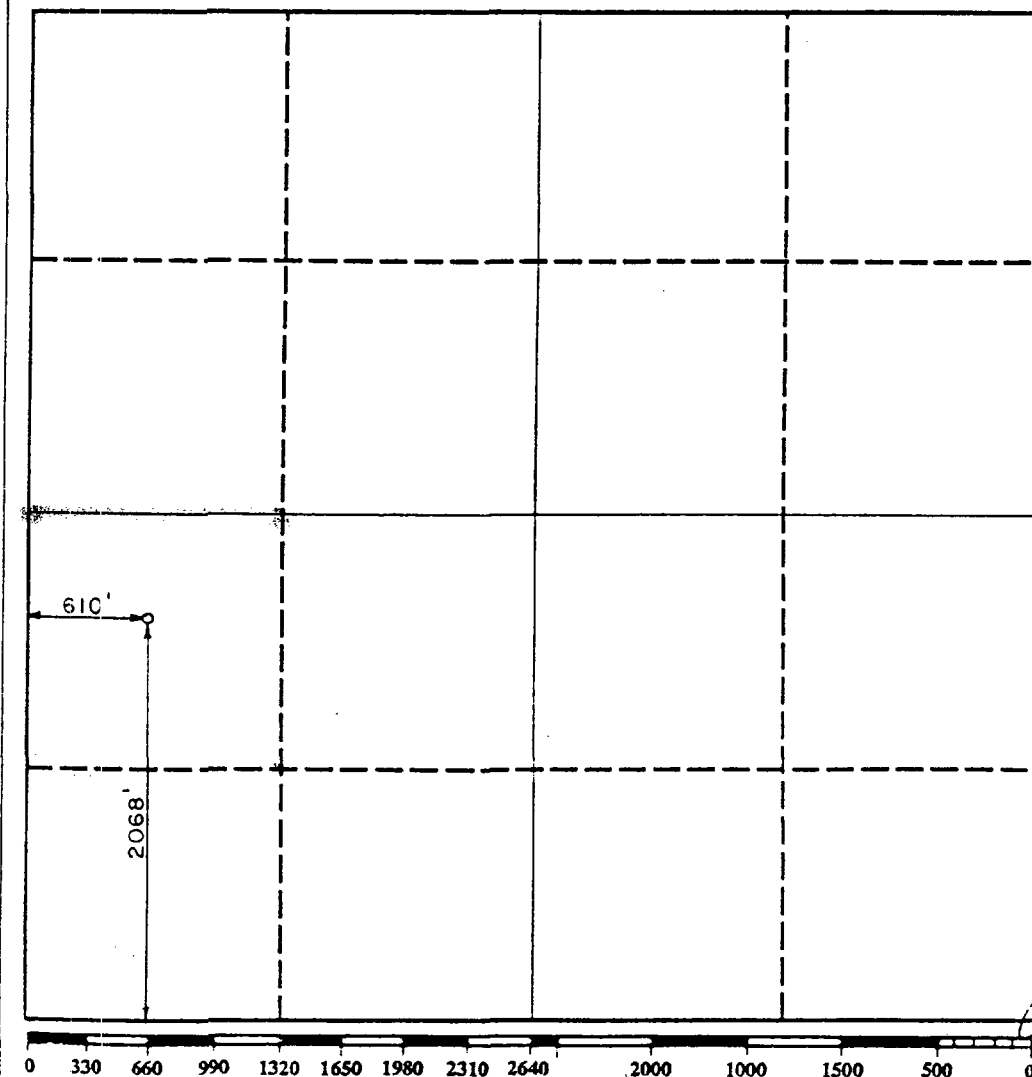
All Distances must be from the outer boundaries of the section

Operator Chevron USA, Inc.			Lease Chevron State 28		Well No. 1
Unit Letter L	Section 28	Township 15 South	Range 34 East	County NMPM	Lea
Actual Footage Location of Well: 2068 feet from the South line and 610 feet from the West line					
Ground level Elev. 4095.5	Producing Formation Wildcat STRAWN			Pool Wildcat	Dedicated Acreage: 40 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature

M. E. Akins

Printed Name

M.E. Akins

Position

Staff Drlg. Engr.

Company

Chevron U.S.A. Inc.

Date

11/3/89

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.

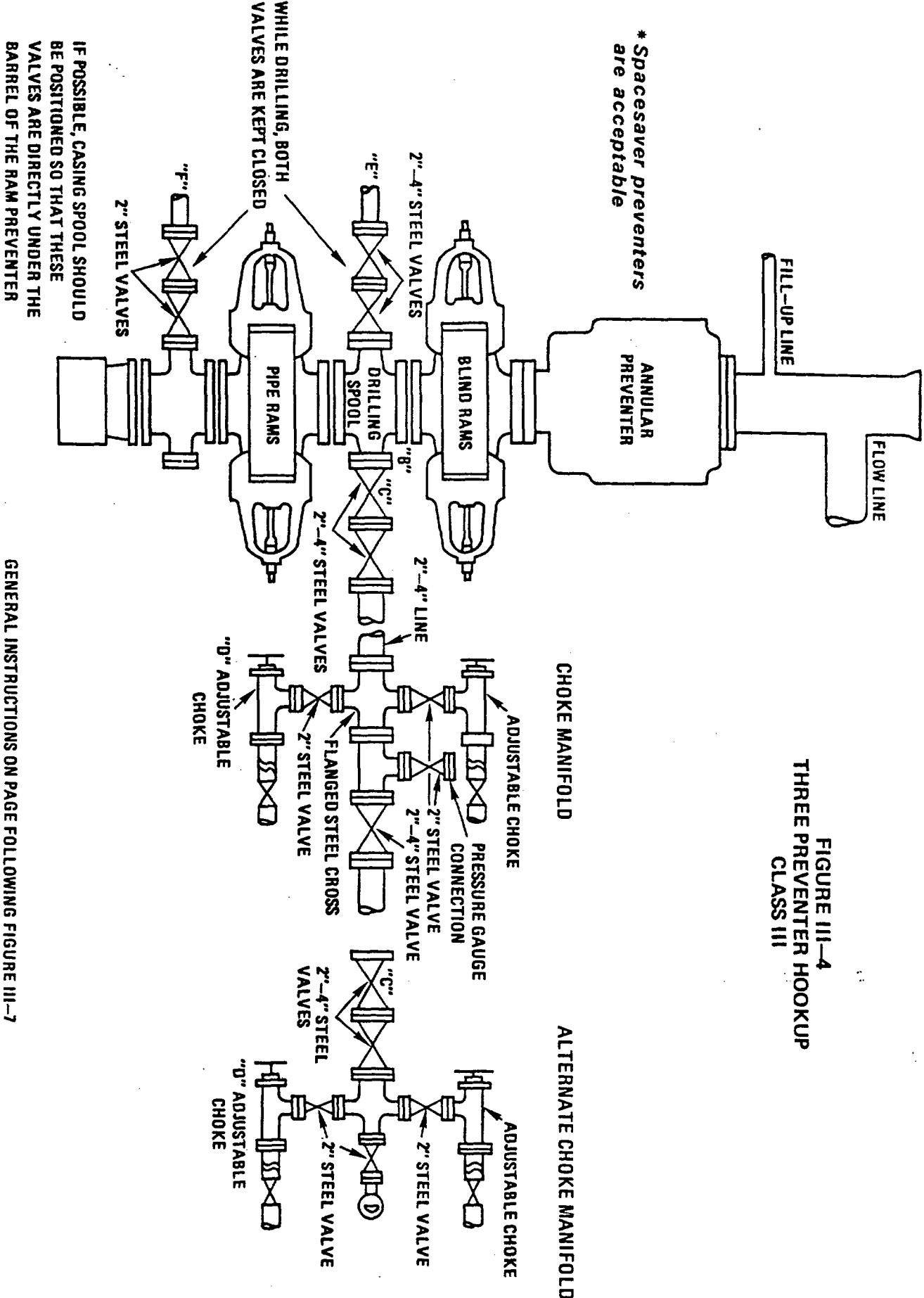
Date Surveyed

October 13, 1989

Signature & Seal of
Professional Surveyor

JOHN W. WEST
RONALD J. EIDSON
NEW MEXICO
JOHN W. WEST

HOBBS DIVISION CLASS III PREVENTER



The blowout preventer shall be nipped up as needed and a spare set of drill pipe rams shall be on location. The ram preventers may be two singles or a double type. If full opening flanged outlets are on the side of the rams, then they may be used for connecting the choke line (4") and the kill line (2"). A set of spare flange bolts and nuts will be on location at all times for all flanges used.

The substructure height shall be sufficient to install a rotating blowout preventer.

The accumulator shall be equipped with two pumps. One shall be powered with air, the other will be powered with electricity. Each pump shall be capable of fluid charging the total accumulator from precharge pressure to rated pressure within 2 minutes. The minimum nitrogen precharge pressure shall be 750 psi. The pressurized fluid volume stored in the accumulators shall be sufficient to close all pressure operated devices simultaneously within 19 seconds, after closure, the remaining accumulator pressure shall be not less than 1500 psi with the remaining accumulator fluid volume at least 50 percent of the original.

A remote closing manifold located on the rig floor shall be operational. The closing manifold and remote shall have a separate control for each pressure-operated device. Controls are to be labeled as to device and opened or closed. All controls are to be left in the open position when not in use. A pressure reducer and regulator will be provided for operating the annular preventer. All lines from the accumulator to the preventer will be rated to the same pressure rating of the preventer. The accumulator shall be placed away from the rig floor, the distance is specified in MRDC. Hydraulic fluid must meet RP-53 specifications.

The choke manifold and all lines are to be supported by metal stands and securely anchored. The choke flow line, relief lines and choke lines shall be as straight as possible and without sharp turns.

The choke flow line valves and kill line valves and all ram preventers must be equipped with stem extension, universal joints if needed, and hand wheels which extend beyond the edge of the substructure constructed to facilitate easy operation from outside the substructure. All other valves shall be equipped with handles.

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WRS COMPLETION REPORTCOMPLETIONS SEC 28 TWP 15S RGE 34E
PI# 30-T-0010 02/15/90 30-025-30728-0000 PAGE 1NMEX LEA * 2068FSL 610FWL SEC NW SW
STATE COUNTY FOOTAGE SPOTCHEVRON USA WS WS
OPERATOR WELL CLASS INIT FIN1 CHEVRON "28" STATE
WELL NO. LEASE NAME4115KB 4096GR WILDCAT
OPER ELEV FIELD/POOL/AREAAPI 30-025-30728-0000
LEASE NO. PERMIT OR WELL I.D. NO.12/12/1989 01/27/1990 ROTARY VERT D&A
SPUD DATE COMP. DATE TYPE TOOL HOLE TYPE STATUS12000 STRAWN TOT DRLG 2 RIG SUB 18
PROJ. DEPTH PROJ. FORM CONTRACTORDTD 11650 FM/TD PNNSYLVN
DRILLERS T.D. LOG T.D. PLUG BACK TO OLD T.D. FORM I.D.**LOCATION DESCRIPTION**30 MI SE CAPROCK, NM
1 1/2 MI NW/13190 (MRRW) GAS PROD IN EDISON N FLD**CASING/LINER DATA**CSG 11 3/4 @ 450 W/ 300 SACKS
CSG 8 5/8 @ 4642 W/ 780 SACKS
PLUGS @ 11365-11650 W/75 SX, 9577-9800 W/75 SX,
7854-8082 W/85 SX, 5851-6079 W/85 SX, 4441-4692
W/75 SX, 2611-2900 W/75 SX, 1581-1870 W/75 SX, SURF-60
W/15 SX**CORES**CORE 1 11087-11146 REC 59.00FT PNNSYLVN CONV D
NO DESCRIPTION AVAILABLE**LOGS AND SURVEYS /INTERVAL,TYPE/**LOGS LDT CNL NGT
LOGS GR DI SONL
LOGS FOCL SHDT DIPM**DRILLING PROGRESS DETAILS**CHEVRON USA
BOX 670
HOBBS, NM 88240
505-393-4121

CONTINUED IC# 300257032489

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Form No. 18

CB a company of
The Dun & Bradstreet Corporation

COMPLETIONS SEC 28 TWP 15S RGE 34E
PI# 30-T-0010 02/15/90 30-025-30728-0000 PAGE 2

CHEVRON USA

WS WS

1

CHEVRON "28" STATE

DRILLING PROGRESS DETAILS

11/06 LOC/1989/
12/18 DRLG 3115
12/28 DRLG 4695
01/04 DRLG 7523
01/11 DRLG 9360
01/18 DRLG 10757
01/25 DRLG 11348
02/01 11650 TD, HOLDING FOR DATA
02/01 DEVIATION SURVEYS @ 253 (1/2 DEG), 450 (3/4 DEG)
943 (1/2 DEG), 1443 (1 DEG), 1797 (1 DEG), 2294
(1 DEG), 2791 (1 DEG), 3220 (1 DEG), 3730 (3/4
DEG), 3887 (1/2 DEG), 4381 (1/2 DEG), 4642 (1/2
DEG), 4882 (3/4 DEG), 5365 (1 1/4 DEG), 5853
(1 1/4 DEG), 6349 (1/2 DEG), 6848 (1 DEG), 7349
(1 DEG), 7523 (1/2 DEG), 8027 (1 DEG), 8527
(1 3/4 DEG), 8989 (1 3/4 DEG), 9243 (1 3/4 DEG),
9740 (2 3/4 DEG), 10008 (2 3/4 DEG), 10313
(2 DEG), 10445 (1 3/4 DEG), 10763 (2 1/2 DEG),
11087 (2 DEG), 11650 (1 3/4 DEG)
TOTAL DISPLACEMENT 251.48 FT @ TD
RIG REL 01/27/90
02/13 11650 TD
COMP 1/27/90, D&A
ONE CORE, NO DSTS RPTD