

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Box 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

WELL API NO.	30-025-33012
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil / Gas Lease No.	
7. Lease Name or Unit Agreement Name	V.M. HENDERSON
8. Well No.	14
9. Pool Name or Wildcat	PADDOCK
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3498' GL, 3513' KB	

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMI (FORM C-101) FOR SUCH PROPOSALS.	
1. Type of Well:	OIL WELL ☒ GAS WELL ☐ OTHER ☐
2. Name of Operator	CHEVRON USA INC
3. Address of Operator	15 SMITH RD, MIDLAND, TX 79705
4. Well Location Unit Letter <u>D</u> : <u>660</u> Feet From The <u>NORTH</u> Line and <u>990</u> Feet From The <u>WEST</u> Line Section <u>30</u> Township <u>21-S</u> Range <u>37-E</u> NMPM <u>LEA</u> COUNTY	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3498' GL, 3513' KB	

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: ADD PERFS & INSTALL SUB PUMP ☒

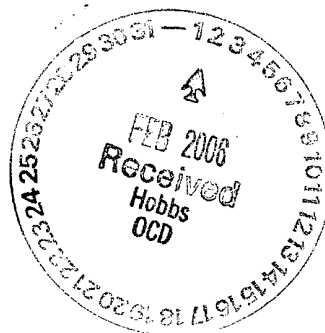
SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPERATION ☐ 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.

CHEVRON U.S.A. INC. INTENDS TO ADD PERFS IN THE PADDOCK FORMATION AND INSTALL A SUB PUMP.

THE INTENDED PROCEDURE AND CURRENT AND PROPOSED WELLBORE DIAGRAMS ARE ATTACHED FOR YOUR APPROVAL.



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

SIGNATURE Denise Pinkerton TITLE Regulatory Specialist DATE 1/31/2006
TYPE OR PRINT NAME Denise Pinkerton Telephone No. 432-687-7375

(This space for State Use)

APPROVED Hayward W. Wink TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER
CONDITIONS OF APPROVAL, IF ANY: DATE

OC FIELD REPRESENTATIVE II/STAFF MANAGER

FEB 03 2006

V. M. Henderson # 14

Paddock Field

T21S, R37E, Section 30

Job: Add Perfs In Paddock Formation And Install Sub Pump

Procedure:

1. Displace flowline with fresh water. Have field specialist close valve at header. Pressure line according to the type of line. Buried fiberglass lines will be tested with 300 psi. All polypipe (SDR7 and SDR11) will be tested w/100 psi. All steel lines will be tested w/500 psi. If a leak is found, contact Donnie Ives for repair/replacement. If test is good, bleed off pressure and **open valve** at header. Document this process in the morning report.
2. MI & RU workover unit. Bleed pressure from well, if any. Pump down csg with 8.6 PPG cut brine water, if necessary to kill well. POH with rods and pump. Remove WH. Install BOP's and test to 1000 psi. Release TAC. POH with 2 7/8" tbg string. LD TAC.
3. PU 4 3/4" MT bit and GIH on 2 7/8" EUE 8R L-80 work string to approximately 5750'. Establish reverse circulation using 8.6 PPG cut brine. Reverse circulate well clean from 5750'. POH with 2 7/8" work string and 4 3/4" bit. LD bit.
4. MI & RU Baker Atlas electric line unit. Install lubricator and test to 1000 psi. GIH with 3 3/8" Predator casing guns and perforate from 5110-14', 5118-26', 5147-54', 5160-66', 5172-76', 5182-90', 5194-5200', 5206-12', 5238-46', 5256-64', 5298-5302', 5306-10', 5314-22', 5326-30', 5334-42', 5356-64', and 5440-48' with 4 JSPF at 120 degree phasing, using 32 gram premium charges. POH. RD & release electric line unit. **Note: Use collars from Wedge CBL/GR/CCL Log dated 8/6/95 for depth correlation.**
5. PU and GIH w/ 5 1/2" PPI pkr (with 12' element spacing) and SCV on 2 7/8" work string to approximately 5100'. Test tbg to 5500 psi while GIH.
6. MI & RU DS Services. Acidize perfs 5110-5510' with 4,800 gals anti-sludge 15% HCl acid * at a maximum rate **as shown below** and a maximum surface pressure of **3500 psi**. Spot acid across perfs at beginning of each stage and let soak to lower breakdown pressure and prevent communication. Pump job as follows:

Interval	Amt. Acid	Max Rate	PPI Setting
5503-10'	200 gals	1 BPM	5500-12'
5466-80'	500 gals	1 BPM	5465-77'
5440-48'	200 gals	1 BPM	5438-50'
5408-18'	500 gals	1 BPM	5407-19'
5356-64'	200 gals	1 BPM	5354-66'
5334-42'	200 gals	1 BPM	5332-44'

5326-30'	200 gals	1 BPM	5322-34'
5314-22'	200 gals	1 BPM	5312-24'
5306-10'	200 gals	1 BPM	5302-14'
5298-5302'	200 gals	1 BPM	5292-5304'
5256-64'	200 gals	1 BPM	5255-67'
5238-46'	200 gals	1 BPM	5237-49'
5206-12'	200 gals	1 BPM	5204-16'
5194-5200'	200 gals	1 BPM	5192-5204'
5182-90'	200 gals	1 BPM	5180-92'
5172-76'	200 gals	1 BPM	5168-80'
5160-66'	200 gals	1 BPM	5158-70'
5147-54'	200 gals	1 BPM	5144-56'
5134-43'	200 gals	1 BPM	5132-44'
5118-26'	200 gals	1 BPM	5116-28'
5110-14'	200 gals	1 BPM	5104-16'

Displace acid with 8.6 PPG cut brine water -- do not overdisplace. Use a SCV to control displacement fluid. Record ISIP, 5 & 10 minute SIP's. RD and release DS services.

Note: Pickle tubing in 1 run of 500 gals acid, prior to acidizing perfs. Pickle acid is to contain only 1/2 gal A264 and 1 gal W53. Also, if communication occurs during treatment of any interval, monitor casing pressure and attempt to complete stage w/o exceeding 1000 psi csg pressure. If cannot, then move PPI to next setting depth and combine treatment volumes of the intervals.

* Acid system is to contain:	1 GPT A264	Corrosion Inhibitor
	8 GPT L63	Iron Control Agent
	2 PPT A179	Iron Control Aid
	20 GPT U66	Mutual Solvent
	2 GPT W53	Non-Emulsifier

- Release PPI pkr and PUH to approximately 5100'. Swab back all intervals together. Recover 100% of treatment and load volumes before shutting well in for night, if possible. Report recovered fluid volumes, pressures, and/or swabbing fluid levels. **Note:** Selectively swab perfs as directed by Engineering if excessive water is produced.
- Open well. MI & RU pump truck. Pump down tbq with 50 bbls 8.6 PPG cut brine water containing 55 gals Baker RE-4777 Scale Inhibitor followed by 200 bbls 8.6 PPG cut brine water at **5 BPM** and **2500 psi maximum pressure**. RD and release pump truck. Release PPI pkr. POH LD 2 7/8" work string and PPI packer.
- PU and GIH w/ shrouded Centrifugal sub pump assembly, drain sub, 2 7/8" x 6' tbq sub, SN, and 176 jts 2 7/8" EUE 8R J-55 tbq, testing to 5000 psi. Suspend tbq with bottom of sub pump assembly at approximately 5513'.

10. Remove BOP's and install WH. RD & release workover unit.

11. Turn well over to production. Report producing rates, choke sizes, flowing pressures and/or fluid levels.

AMH

1/30/2006

WELL DATA SHEET

Field: Paddock	Well Name: V. M. Henderson #14	Lease Type: State
Location: 660' FNL & 990' FWL	Sec: 30-D Township: 21S	Range: 37E
County: Lea State: New Mexico	Refno: BD6242 API: 30-025-33012	Cost Center: UCU481900
Current Status: PR		
Current Producing Formation(s): Paddock		

CURRENT

Surface Csg.

Size: 8 5/8"
 Wt.: 24#
 Set @: 1136'
 Sxs cmt: 500
 Circ: Yes
 TOC: Surface
 Hole Size: 11"

KB: 3513'
 DF: 3512'
 GL: 3498'
 Spud Date: 7/13/1995
 Released Rig: 7/30/1995
 Compl. Date: 8/5/1995

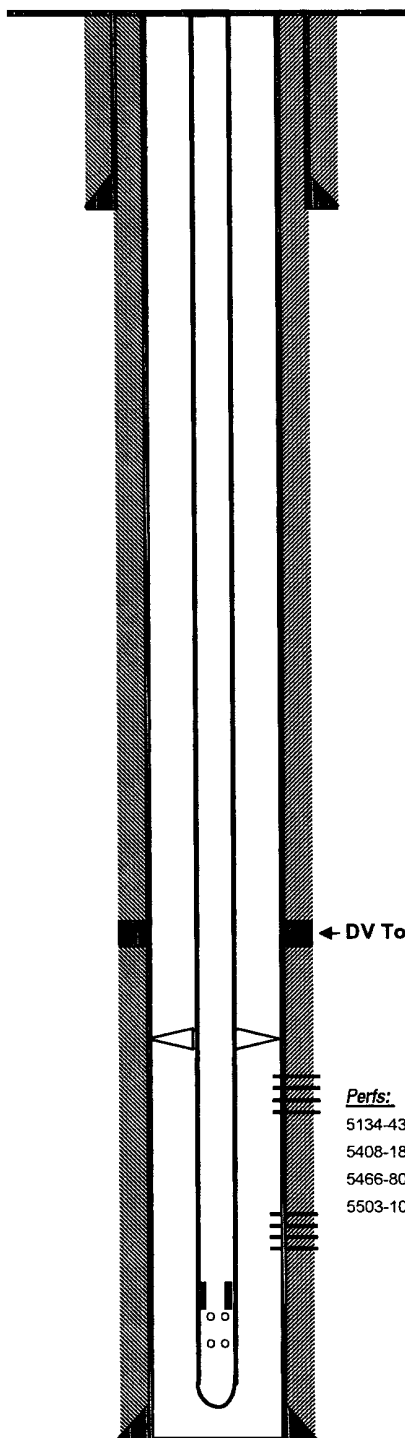
Production Csg.

Size: 5 1/2"
 Wt.: 17#
 Set @: 6800'
 Sxs Cmt: 2350
 Circ: Yes
 TOC: Surface
 Hole Size: 7 7/8"

Tubing Detail:

#Jts:	Size:	Footage
	KB Correction	15.00
161	Jts. 2 7/8" EUE 8R J-55 Tbg	5053.00
	TAC	3.00
19	Jts. 2 7/8" EUE 8R J-55 Tbg	599.00
1	Jt. 2 7/8" EUE 8R J-55 IPC Tbg	31.00
	SN	1.10
	2 7/8" x 4" Perf Tbg Sub	4.10
1	Jt. 2 7/8" EUE 8R J-55 Tbg	31.50
	Bull Plug	0.50
182	Bottom Of String >>	5738.20

Top Salt	1210'
Base Salt	2450'
Top Queen	3470'
Top Paddock	5134'
Top Blinbry	5600'
Top Tubb	6185'
Top Drinkard	6390'



Perfs:

5134-43'
 5408-18'
 5466-80'
 5503-10'

Status:

Paddock- Open
 Paddock- Open
 Paddock- Open
 Paddock- Open

PBTD: 5750'
 TD: 6800'

Prepared by: K M Jackson
 Date: 9/8/2003

WELL DATA SHEET

Field: Paddock
Location: 660' FNL & 990' FWL
County: Lea **State:** New Mexico
Current Status: PR
Current Producing Formation(s): Paddock

Well Name: V. M. Henderson #14
Sec: 30-D **Township:** 21S
Refno: BD6242 **API:** 30-025-33012

Lease Type: State
Range: 37E
Cost Center: UCU481900

Proposed

Surface Csg.

Size: 8 5/8"
Wt.: 24#
Set @: 1136'
Sxs cmt: 500
Circ: Yes
TOC: Surface
Hole Size: 11"

Production Csg.

Size: 5 1/2"
Wt.: 17#
Set @: 6800'
Sxs Cmt: 2350
Circ: Yes
TOC: Surface
Hole Size: 7 7/8"

KB: 3513'
DF: 3512'
GL: 3498'
Spud Date: 7/13/1995
Released Rig: 7/30/1995
Compl. Date: 8/5/1995

Tubing Detail:

#Jts:	Size:	Footage
	KB Correction	15.00
176	Jts. 2 7/8" J-55 Cl. 'B'	5456.00
	2 7/8" x 6" Tbg Sub	6.00
	Drain Valve	0.55
	Centriflitt Sub Pump (shrouded)	35.41
176	Bottom Of Mtr >>	5512.96

Top Salt	1210'
Base Salt	2450'
Top Queen	3470'
Top Paddock	5134'
Top Blinbry	5600'
Top Tubb	6185'
Top Drinkard	6390'

← DV Tool @ 4005'

Perfs:	Status:
5110-14'	Paddock- Open
5118-26'	Paddock- Open
5134-43'	Paddock- Open
5147-54'	Paddock- Open
5160-66'	Paddock- Open
5172-76'	Paddock- Open
5182-90'	Paddock- Open
5194-5200'	Paddock- Open
5206-12'	Paddock- Open
5238-46'	Paddock- Open
5256-64'	Paddock- Open
5298-5302'	Paddock- Open
5306-10'	Paddock- Open
5314-22'	Paddock- Open
5326-30'	Paddock- Open
5334-42'	Paddock- Open
5356-64'	Paddock- Open
5408-18'	Paddock- Open
5440-48'	Paddock- Open
5466-80'	Paddock- Open
5503-10'	Paddock- Open

PBTD: 5750'
TD: 6800'

pared by: AMH
Date: 1/15/2006

Tubing Landing Details

[illegible]