

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.	3002506912
5. Indicate Type of Lease	STATE ☐ FEE ☒
6. State Oil / Gas Lease No.	317230
7. Lease Name or Unit Agreement Name	HENDERSON, V. M.
8. Well No.	6
9. Pool Name or Wildcat	PADDOCK
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3496' GL

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 PERMITS"
(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 ROAD, MIDLAND, TX 79705	4. Well Location Unit Letter C : 760 Feet From The NORTH Line and 1980 Feet From The WEST Line Section 30 Township 21S Range 37E NMPM LEA COUNTY
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 PADDOCK PERFS & ACIDIZE ☒

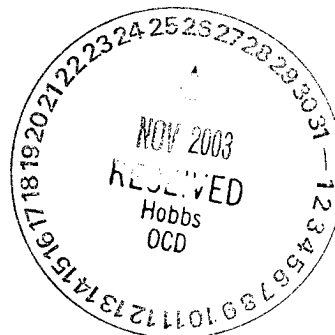
SUBSEQUENT REPORT OF:

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 ACIDIZE.
THIS WELL IS CURRENTLY DHC IN THE PADDOCK & THE BLINEBRY OIL AND GAS FIELD.

THE INTENDED PROCEDURE AND WELLBORE DIAGRAMS IS 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 Leake TITLE Regulatory Specialist DATE 11/25/2003
TYPE OR PRINT NAME Denise Leake Telephone No. 915-687-7375

(This space for State Use)

APPROVED Chris Williams TITLE OC DISTRICT SUPERVISOR/GENERAL MANAGER
CONDITIONS OF APPROVAL, IF ANY: DATE DEC 01 2003

V. M. Henderson # 6
Paddock Field
T21S, R37E, Section 30
Job: Add Perfs In Paddock Formation And Acidize

Procedure:

1. Displace flowline with fresh water. Have field specialist close valve at header. Pressure line according to the type of line. AGU, EMSU, and EMSUB 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 Larry Williams 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 pulling 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. POH with 2 3/8" tbg string.
3. PU and GIH with 4 3/4" MT bit and 2 7/8" work string to COTD at 5912'. If fill is encountered above perfs, cleanout to 5927' using air unit(s). POH with 2 7/8" work string and bit. LD bit.
4. MI & RU Baker Atlas electric line unit. Install lubricator and test to 1000 psi. GIH with 3 1/8" DP slick casing gun and perforate from 5173-76', 5184-90', 5198-5201', 5206-09', 5212-15', 5218-22', 5270-75', 5424-28', 5434-38', 5480-84', and 5512-18' with 4 JSPF at 120 degree phasing, using 23 gram premium charges. RD & release electric line unit.
5. PU and GIH w/ 5 1/2" PPI pkr (with 20' element spacing) and SCV on 2 7/8" work string to approximately 5150'. Test tbg to 5500 psi while GIH.
6. MI & RU DS Services. Acidize perfs 5158-5654' with 4,800 gals anti-sludge 15% HCl acid * at a maximum rate **as shown below** and a maximum surface pressure of **2500 psi**. Spot acid to bottom of tbg at beginning of each stage. Pump job as follows:

Interval	Amt. Acid	Max Rate	PPI Setting
5632-54'	500 gals	3 BPM	5631-51'
5618-28'	300 gals	3 BPM	5611-31'
5593-5610'	400 gals	3 BPM	5591-5611'
5569-87'	400 gals	3 BPM	5568-88'
5547-65'	400 gals	3 BPM	5546-66'
5539-43'	200 gals	1 BPM	5525-45'
5512-18'	200 gals	1/2 BPM	5500-20'
5480-84'	200 gals	1/2 BPM	5470-90'
5434-38'	200 gals	1/2 BPM	5430-50'

5424-28'	200 gals	½ BPM	5410-30'
5270-75'	200 gals	½ BPM	5260-80'
5212-22'	400 gals	½ BPM	5210-30'
5198-5209'	400 gals	½ BPM	5191-5211'
5184-90'	200 gals	½ BPM	5177-97'
5173-76'	400 gals	2 BPM	5172-92'
5158-68'	200 gals	1 BPM	5150-70'

Displace acid with 8.6 PPG cut brine water -- do not overdisplace. 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 pkr 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

7. Set PPI pkr at 5100'. GIH and 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.**
8. Open well. Release PPI pkr. POH with work string and PPI pkr. LD 2 7/8" work string and PPI pkr.
9. PU and GIH w/ BP mud anchor jt of 2 7/8" tbg, 2 7/8" x 4' perforated sub, SN, 1 jt 2 7/8" EUE 8R J-55 IPC tbg, 19 jts 2 7/8" EUE 8R J-55 tbg, TAC, and 162 jts 2 7/8" EUE 8R J-55 tbg, testing to 5000 psi. Set TAC at 5050' with EOT suspended at 5725' and SN at 5690'.
10. Remove BOP's and install WH. GIH with rods, weight bars, and pump per ALS recommended design. RD & release pulling unit.
11. Turn well over to production. Report producing rates and fluid levels.

Well: **V. M. Henderson # 6**

Field: **Paddock &
Blinebry O & G (DHC)**

Reservoir: **Paddock &
Blinebry**

Location:
760' FNL & 1980' FWL
Section: 30
Township: 21S
Range: 37E
County: Lea State: NM

Elevations:
GL: 3496'
KB: 3506'
DF: 3505'

**Current
Wellbore Diagram**

Well ID Info:
Chevno: FA8009
API No: 30-025-06912
L5/L6: U482000
Spud Date: 9/16/61
Compl. Date: 4/27/77

Surface Csg: 8 5/8", 24#, J-55
Set: @ 1253' w/ 800 sks
Hole Size: 12 1/4"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Tbg Detail:
BP @ 5721'
1 jt. 2 3/8" tbg
2 3/8" x 4' perf sub
SN @ 5685'
20 jts. 2 3/8" EUE 8R J-55 tbg
TAC @ 5059'
162 jts. 2 3/8" EUE 8R J-55 tbg

Perfs: 5158-68' **Status:** Paddock - Open

5539-43' Blinebry - Open
5547-65' Blinebry - Open
5569-87' Blinebry - Open
5593-5610' Blinebry - Open
5618-28' Blinebry - Open
5632-54' Blinebry - Open

CIBP @ 5980'
(35' cmt on top)

Baker Model D Pkr @ 6004'

Baker Model DB Pkr @ 5927'

Prod. Csg: 5 1/2", 14#, J-55
Set: @ 6550' w/ 1000 sks
Hole Size: 6 3/4"
Circ: No **TOC:** Above 1570'
TOC By: CBL

**4 3/4" Open-Hole
Production Interval**
6550-6700' (Drinkard - Below CIBP)

COTD: 5912'
PBTD: 5945'
TD: 6700'

Updated: 11/20/2003

By: A. M. Howell

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**Proposed
Wellbore Diagram**

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Tbg Detail:
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2 7/8" x 4' perf sub
SN @ 5690'
1 jt. 2 7/8" EUE 8R J-55 IPC tbg
19 jts. 2 7/8" EUE 8R J-55 tbg
TAC @ 5050'
162 jts. 2 7/8" EUE 8R J-55 tbg

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5184-90'	Paddock - Open
5198-5201'	Paddock - Open
5206-09'	Paddock - Open
5212-15'	Paddock - Open
5218-22'	Paddock - Open
5270-75'	Paddock - Open
5424-28'	Paddock - Open
5434-38'	Paddock - Open
5480-84'	Paddock - Open
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Updated: 11/20/2003

By: A. M. Howell