

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.

30-025-25056

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
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 RD, MIDLAND, TX 79705

4. Well Location

Unit Letter K : 2130 Feet From The SOUTH Line and 1860 Feet From The WEST Line
Section 6 Township 22-S Range 37-E NMPM LEA COUNTY

10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3454' GL

7. Lease Name or Unit Agreement Name

H.T. MATTERN NCT-D

8. Well No.
12

9. Pool Name or Wildcat
BLINEBRY TUBB DRINKARD

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 & ACIDIZE ☒

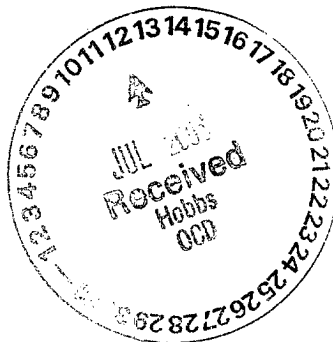
SUBSEQUENT REPORT OF:

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 BLINEBRY/TUBB/DRINKARD FORMATIONS AND ACIDIZE.

THE INTENDED PROCEDURE AND THE 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 7/10/2006

TYPE OR PRINT NAME Denise Pinkerton

Telephone No. 432-687-7375

(This space for State Use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

TITLE

PETROLEUM ENGINEER
JUL 31 2006

DATE

JUL 31 2006

H. T. Mattern (NCT-D) # 12
Blinebry/Tubb/Drinkard Fields
T22S, R37E, Section 6

Job: Add Perfs In Blinebry/Tubb/Drinkard Formations And Acidize

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. POH with 2 7/8" tbg string.
3. PU and GIH with 4 3/4" MT bit and 2 7/8" work string to 6700'. Establish reverse circulation using 8.6 PPG cut brine water. LD and cleanout fill in 5 1/2" casing to PBTD at 6759'. Reverse circulate well clean from 6759'. POH with work string and bit. LD bit. **Note: If well will not circulate, cleanout fill using hydrostatic bailer or air unit if too much fill for bailer.**
4. MI & RU Baker Atlas electric line unit. Install lubricator and test to 1000 psi. GIH with 3 1/8" DP slick casing guns and perforate from 5472-80', 5500-06', 5510-15', 5522-30', 5554-62', 5570-74', 5594-98', 5644-52', 5662-70', 5693-96', 5736-42', 5774-78', 5794-98', 6038-42', 6072-76', 6168-74', 6190-96', 6212-16', 6222-26', 6252-60', 6280-86', 6518-22', 6542-50', 6556-60', 6565-69', 6596-6604', and 6624-28' with 4 JSPF at 120 degree phasing, using 23 gram premium charges. POH. RD & release electric line unit. **Note: Use collars from Schlumberger PDC Log dated 7/11/75 for depth correction.**
5. PU and GIH w/ 5 1/2" PPI pkr (with 10' element spacing) and SCV on 2 7/8" work string to approximately 5450'. Test tbg to 5500 psi while GIH.
6. MI & RU DS Services. Acidize perfs 5472-6657' with 9,300 gals anti-sludge 15% HCl acid * at a maximum rate **as shown below** and a maximum surface pressure of **4500 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
6655-57'	200 gals	1 BPM	6650-60'
6639-41'	200 gals	1 BPM	6635-45'
6624-28'	200 gals	1 BPM	6620-30'
6617-19'	200 gals	1 BPM	6610-20'

6596-6604'	400 gals	1 BPM	6595-6605'
6585-87'	200 gals	1 BPM	6580-90'
6565-69'	200 gals	1 BPM	6562-72'
6556-60'	200 gals	1 BPM	6552-62'
6542-50'	400 gals	1 BPM	6541-51'
6518-22'	200 gals	1 BPM	6515-25'
6340-44'	200 gals	1 BPM	6338-48'
6295-99'	200 gals	1 BPM	6290-6300'
6280-86'	300 gals	1 BPM	6278-88'
6252-60'	400 gals	1 BPM	6251-61'
6229-33'	200 gals	1 BPM	6228-38'
6222-26'	200 gals	1 BPM	6218-28'
6212-16'	200 gals	1 BPM	6210-20'
6190-96'	300 gals	1 BPM	6188-98'
6168-74'	300 gals	1 BPM	6166-76'
6072-76'	200 gals	1 BPM	6070-80'
6038-42'	200 gals	1 BPM	6035-45'
5794-98'	200 gals	1 BPM	5792-5802'
5774-78'	200 gals	1 BPM	5770-80'
5736-42'	300 gals	1 BPM	5734-44'
5704-06'	200 gals	1 BPM	5700-10'
5693-96'	200 gals	1 BPM	5689-99'
5662-70'	400 gals	1 BPM	5661-71'
5644-52'	400 gals	1 BPM	5641-51'
5604-06'	200 gals	1 BPM	5600-10'
5594-98'	200 gals	1 BPM	5590-5600'
5570-74'	200 gals	1 BPM	5569-79'
5554-62'	400 gals	1 BPM	5553-63'
5522-30'	400 gals	1 BPM	5521-31'
5510-15'	200 gals	1 BPM	5508-18'
5500-06'	300 gals	1 BPM	5498-5508'
5472-80'	400 gals	1 BPM	5471-81'

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 500 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

7. Release PPI pkr and PUH to approximately 5450'. **Wait 2 hours for acid to spend.** 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. MI & RU pump truck. Pump down tbg with 50 bbls 8.6 PPG cut brine water containing 110 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 with 2 7/8" work string. LD work string and PPI packer.
9. PU and GIH w/ shrouded Centrilift sub pump assembly, 2 7/8" x 6' tbg sub and 211 jts 2 7/8" EUE 8R J-55 tbg, testing to 5000 psi. Suspend tbg with bottom of sub pump assembly at approximately 6600'.
10. Remove BOP's and install WH. RD & release pulling unit.
11. Turn well over to production. Report producing rates, choke sizes, flowing pressures and/or fluid levels.

AMH
7/6/2006

Well: **H. T. Mattern (NCT-D) # 12**

Field: **Blinebry O&G,
Tubb O&G, &
Drinkard (DHC)**

Reservoir: **Blinebry, Tubb,
& Drinkard**

Location:

2130' FSL & 1860' FWL
Section: 6
Township: 22S
Range: 37E
County: Lea State: NM

Elevations:

GL: 3454'
KB: 3565'
DF: 3464'

**Current
Wellbore Diagram**

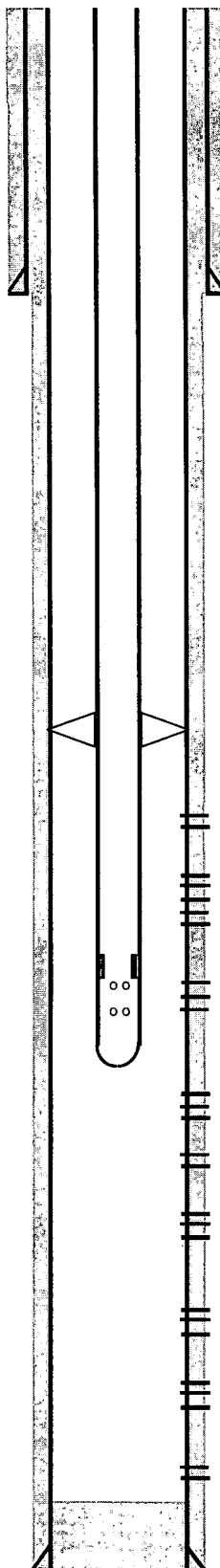
Well ID Info:

Chevno: EO5275
API No: 30-025-25056
L5/L6: UCU467000
Spud Date: 6/23/75
Compl. Date: 7/14/75

Surf. Csg: 8 5/8", 24#, K-55
Set: @ 1188' w/ 450 sks
Hole Size: 11"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Tubing Detail:

#Jts:	Size:	Footage
	KB Correction	11.00
156	Jts. 2 7/8" EUE 8R J-55 Tbg	4949.88
	TAC	2.72
26	Jts. 2 7/8" EUE 8R J-55 Tbg	824.98
	SN	1.10
	2 7/8" x 4' Perf Tbg Sub	4.10
1	Jt. 2 7/8" EUE 8R J-55 Tbg	31.20
	Bull Plug	0.50
183	Bottom Of String >>	5825.48



Perfs: **Status:**
5478-80' Blinebry - Open
5502-04' Blinebry - Open
5526-28' Blinebry - Open
5558-60' Blinebry - Open
5604-06' Blinebry - Open
5668-70' Blinebry - Open
5704-06' Blinebry - Open

6229-33' Tubb - Open
6256-60' Tubb - Open
6295-99' Tubb - Open
6340-44' Tubb - Open

6548-50' Drinkard - Open
6566-68' Drinkard - Open
6585-87' Drinkard - Open
6617-19' Drinkard - Open
6639-41' Drinkard - Open
6655-57' Drinkard - Open

COTD: 6755'
PBTD: 6759' (float collar)
TD: 6800'

Updated: 6/28/2006

By: A. M. Howell

Prod. Csg: 5 1/2", 15.50#, K-55
Set: @ 6800' w/ 700 sks
Hole Size: 7 7/8"
Circ: No **TOC:** 2440'
TOC By: Temperature Survey

Well: **H. T. Mattern (NCT-D) # 12**

Field: **Blinebry O&G,
Tubb O&G, &
Drinkard (DHC)**

Reservoir: **Blinebry, Tubb,
& Drinkard**

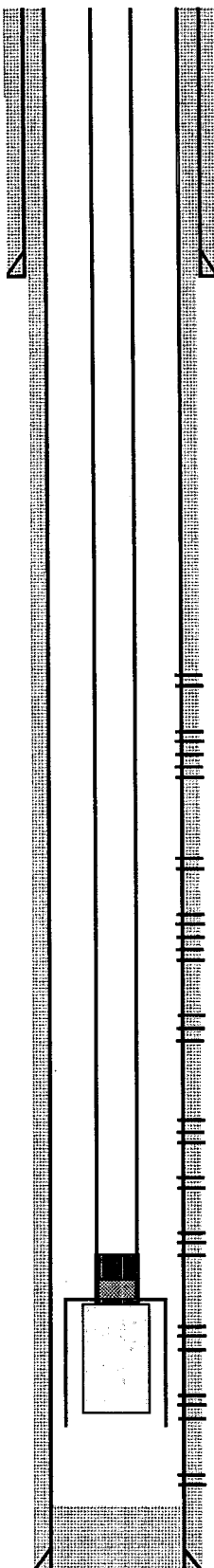
Location:

2130' FSL & 1860' FWL
Section: 6
Township: 22S
Range: 37E
County: Lea State: NM

Elevations:

GL: 3454'
KB: 3465'
DF: 3464'

**Proposed
Wellbore Diagram**



Well ID Info:

Chevno: EO5275
API No: 30-025-25056
L5/L6: UCU467000
Spud Date: 6/23/75
Compl. Date: 7/14/75

Surf. Csg: 8 5/8", 24#, K-55
Set: @ 1188' w/ 450 sks
Hole Size: 11"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Tubing Detail:

#Jts:	Size:	Footage
	KB Correction	11.00
211	Jts. 2 7/8" J-55 Cl. 'B'	6549.00
	2 7/8" x 6" Tbg Sub	6.00
	Drain Valve	0.55
	2 7/8" x 2 3/8" X-Over	0.60
	Centriflgt Sub Pump (shrouded)	35.41
211	Bottom Of Mtr >>	6602.56

Perfs:

Status:

5472-80'	Blinebry - Open
5500-06'	Blinebry - Open
5510-15'	Blinebry - Open
5522-30'	Blinebry - Open
5554-62'	Blinebry - Open
5570-74'	Blinebry - Open
5594-98'	Blinebry - Open
5604-06'	Blinebry - Open
5644-52'	Blinebry - Open
5662-70'	Blinebry - Open
5693-96'	Blinebry - Open
5704-06'	Blinebry - Open
5736-42'	Blinebry - Open
5774-78'	Blinebry - Open
5794-98'	Blinebry - Open
6038-42'	Blinebry - Open
6072-76'	Blinebry - Open
6168-74'	Tubb - Open
6190-96'	Tubb - Open
6212-16'	Tubb - Open
6222-26'	Tubb - Open
6229-33'	Tubb - Open
6252-60'	Tubb - Open
6280-86'	Tubb - Open
6295-99'	Tubb - Open
6340-44'	Tubb - Open
6518-22'	Drinkard - Open
6542-50'	Drinkard - Open
6556-60'	Drinkard - Open
6565-69'	Drinkard - Open
6585-87'	Drinkard - Open
6596-6604'	Drinkard - Open
6617-19'	Drinkard - Open
6624-28'	Drinkard - Open
6639-41'	Drinkard - Open
6655-57'	Drinkard - Open

COTD: 6759'
PBTD: 6759' (float collar)
TD: 6800'

Updated: 6/28/2006

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