

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.

30-025-06648

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 PERMI
(FORM C-101) FOR SUCH PROPOSALS.

7. Lease Name or Unit Agreement Name

MITTIE WEATHERLY

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

2. Name of Operator

CHEVRON USA INC

8. Well No.

2

3. Address of Operator

15 SMITH RD, MIDLAND, TX 79705

9. Pool Name or Wildcat

EUNICE SAN ANDRES, NORTH(GAS)

4. Well Location

Unit Letter E: 1980 Feet From The NORTH Line and 990 Feet From The WEST Line

Section 17 Township 21-S Range 37-E NMPM LEA COUNTY

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

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 IN SAN ANDRES & 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 SAN ANDRES FORMATION & ACIDIZE.

A PIT WILL NOT BE USED FOR THIS WORKOVER. A STEEL FRAC TANK WILL BE UTILIZED.

THE CURRENT AND PROPOSED WELLBORE DIAGRAMS, AND THE INTENDED PROCEDURE 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 Pinkerton TITLE Regulatory Specialist

DATE 7/18/2005

TYPE OR PRINT NAME

Denise Pinkerton

Telephone No. 432-687-7375

(This space for State Use)

APPROVED [Signature]

CONDITIONS OF APPROVAL, IF ANY:

TITLE

PETROLEUM ENGINEER

DATE

JUL 20 2005

Mittie Weatherly # 2
Eunice North Field
T21S, R37E, Section 17
Job: Add Perfs In San Andres 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 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 pulling unit. Bleed pressure from well, if any. Pump down csg with 8.6 PPG cut brine water, if necessary to kill well. Remove WH. Install BOP's and test to 1000 psi. POH with 2 7/8" tbg and Centrilift sub pump assembly. Send sub pump assembly in to Centrilift for testing and repair if needed.
3. PU & GIH with 4 3/4" MT bit on 2 7/8" work string to top of CIBP in 5 1/2" csg at 4048'. LD and drill out/push CIBP in 5 1/2" csg to approximately 5000'. Pump down tbg using 8.6 PPG cut brine water while drilling on CIBP. **Note: Well will not circulate so drill without returns until CIBP turns loose and then push CIBP downhole to below 5000'.** 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 and conduct GR/CBL/CCL log from 5000' up to 3000'. POH. Inspect logs for good cement bond from approximately 5000' up to 3700'. If bond does not appear to be good across proposed completion interval, discuss with Engineering before proceeding. Cmt squeeze as necessary to obtain good cmt across completion interval. GIH and conduct GR/Compensated Neutron/CCL log from 5000' up to 3000'. GIH with 4" Predator casing guns and perforate from 4086-92', 4108-14', 4124-28', 4134-38', 4162-66', 4240-46', 4280-86', 4330-34', 4371-75', 4496-4500', 4605-11', 4698-4702', 4754-58', 4808-14', 4863-67', and 4890-94' with 4 JSPF at 120 degree phasing, using 32 gram premium charges. POH. RD & release electric line unit.
5. PU and GIH w/ 5 1/2" PPI pkr (with 12' element spacing) and SCV on 2 7/8" work string to approximately 3950'. Test tbg to 5500 psi while GIH.
7. MI & RU DS Services. Acidize perfs 3957-4894' with 3,800 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
4890-94'	200 gals	1/2 BPM	4887-99'
4863-67'	200 gals	1/2 BPM	4860-72'

4808-14'	200 gals	½ BPM	4805-17'
4754-58'	200 gals	½ BPM	4750-62'
4698-4702'	200 gals	½ BPM	4695-4707'
4605-11'	200 gals	½ BPM	4602-14'
4496-4500'	200 gals	½ BPM	4494-4506'
4371-75'	200 gals	½ BPM	4368-80'
4330-34'	200 gals	½ BPM	4325-37'
4280-86'	200 gals	½ BPM	4276-88'
4240-46'	200 gals	½ BPM	4236-48'
4162-66'	200 gals	½ BPM	4160-72'
4134-38'	200 gals	½ BPM	4130-42'
4124-28'	200 gals	½ BPM	4120-32'
4108-14'	200 gals	½ BPM	4105-17'
4086-92'	200 gals	½ BPM	4084-96'
4028-38'	200 gals	½ BPM	4027-39'
3970-76'	200 gals	½ BPM	3967-79'
3957-63'	200 gals	½ BPM	3955-67'

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

8. Set PPI pkr at 3930'. 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.**
9. Open well. Release PPI pkr. POH with work string and PPI pkr. LD 2 7/8" work string and PPI pkr.
10. PU and GIH w/ Centrilift sub pump assembly, 2 7/8" x 10' tbg sub, SN, and 121 jts 2 7/8" EUE 8R J-55 tbg, testing to 5000 psi. Suspend tbg with bottom of sub pump assembly at approximately 3900'.
11. Remove BOP's and install WH. RD & release pulling unit.

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

AMH

7/15/2005

Well: **Mittie Weatherly # 2**Field: **Eunice North**Reservoir: **San Andres****Location:**

1980' FNL & 990' FWL
 Section: 17
 Township: 21S
 Range: 37E
 County: Lea State: NM

Elevations:

GL: 3473'
 KB: 3486'
 DF: 3485'

Tubing Detail:

Centriflitt sub pump @ 3903'
 2-7/8" x 10' tbq sub
 SN @ 3852'
 121 jts 2-7/8" EUE J-55 8rd tbq

Block Sqz Perfs @ 4010'
 (Sqzd with 350 sks,
 new TOC 2900' by TS)

CIBP @ 4048'

CIBP @ 5500'
 (30' cmt on top)

CIBP @ 6093'
 (30' cmt on top)

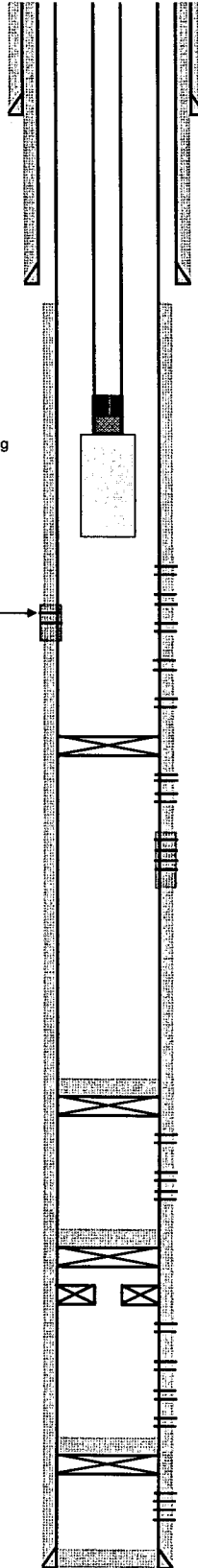
Baker Model D Pkr @ 6170'

CIBP @ 6380'
 (11' Hydromite on top)

COTD: 4048'
PBTD: 4048'
TD: 6650'

Updated: 7/15/05

Current
Wellbore Diagram



By: A. M. Howell

Well ID Info:

Refno: FA7752
 API No: 30-025-06648
 L5/L6: PI61000
 Spud Date: 1/11/52
 Compl. Date: 3/7/52

Surf. Csg: 13 3/8" Spiral Csg
Set: @ 289' w/ 300 sks
Hole Size: 17 1/4"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Interm. Csg: 8 5/8", 28 & 32#, H-40
Set: @ 2790' w/ 2000 sks
Hole Size: 11"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Perfs:

3950-52' San Andres - Open
 3957-63' San Andres - Open
 3970-76' San Andres - Open
 3990-95' San Andres - Open
 4005-11' San Andres - Open
 4016-18' San Andres - Open
 4028-38' San Andres - Open

Status

4056-60' San Andres - Below CIBP
 4070-78' San Andres - Below CIBP
 4078-4100' San Andres - Cmt Sqzd

5668-5710' Blinebry - Below CIBP
 5775-5856' Blinebry - Below CIBP

6212-34' Tubb - Below CIBP
 6240-52' Tubb - Below CIBP
 6266-80' Tubb - Below CIBP
 6294-6302' Tubb - Below CIBP

6615-47' Drinkard - Below CIBP

Prod. Csg: 5 1/2", 15.5#, J-55
Set: @ 6650' w/ 350 sks
Hole Size: 7 7/8"
Circ: No **TOC:** 4058'
TOC By: Temperature Survey

Reservoir: **San Andres**

1980' FNL & 990' FWL
Section: 17
Township: 21S
Range: 37E
County: Lea State: NM

Refno: FA7752
API No: 30-025-06648
L5/L6: PI61000
Spud Date: 1/11/52
Compl. Date: 3/7/52

GL: 3473'
KB: 3486'
DF: 3485'

Centriflft sub pump @ 3903'
2-7/8" x 10' tbg sub
SN @ 3852'
121 jts 2-7/8" EUE J-55 8rd tbg

Block Sqz Perfs @ 4010'
(Sqzd with 350 sks,
new TOC 2900' by TS)

CIBP @ 5500'
(30' cmt on top)

CIBP @ 6093'
(30' cmt on top)

Baker Model D Pkr @ 6170'

CIBP @ 6380'
(11' Hydromite on top)

COTD: 4048'
PBTD: 4048'
TD: 6650'

Updated: 7/15/05

By: A. M. Howell

Surf. Csg: 13 3/8" Spiral Csg
Set: @ 289' w/ 300 sks
Hole Size: 17 1/4"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Interm. Csg: 8 5/8", 28 & 32#, H-40
Set: @ 2790' w/ 2000 sks
Hole Size: 11"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Perfs:	Status
3950-52'	San Andres - Open
3957-63'	San Andres - Open
3970-76'	San Andres - Open
3990-95'	San Andres - Open
4005-11'	San Andres - Open
4016-18'	San Andres - Open
4028-38'	San Andres - Open
4056-60'	San Andres - Open
4070-78'	San Andres - Open
4078-86'	San Andres - Cmt Sqzsd
4086-92'	San Andres - Open
4092-4100'	San Andres - Cmt Sqzsd
4108-14'	San Andres - Open
4124-28'	San Andres - Open
4134-38'	San Andres - Open
4162-66'	San Andres - Open
4240-46'	San Andres - Open
4280-86'	San Andres - Open
4330-34'	San Andres - Open
4371-75'	San Andres - Open
4496-4500'	San Andres - Open
4605-11'	San Andres - Open
4698-4702'	San Andres - Open
4754-58'	San Andres - Open
4808-14'	San Andres - Open
4863-67'	San Andres - Open
4890-94'	San Andres - Open

5668-5710'	Blinebry - Below CIBP
5775-5856'	Blinebry - Below CIBP

6212-34'	Tubb - Below CIBP
6240-52'	Tubb - Below CIBP
6266-80'	Tubb - Below CIBP
6294-6302'	Tubb - Below CIBP

6615-47' Drinkard - Below CIBP

Prod. Csg: 5 1/2", 15.5#, J-55
Set: @ 6650' w/ 350 sks
Hole Size: 7 7/8"
Circ: No **TOC:** 4058'
TOC By: Temperature Survey