

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.	30-025-10318
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil / Gas Lease No.	
7. Lease Name or Unit Agreement Name	R.E. COLE 'A'
8. Well No.	5
9. Pool Name or Wildcat	PENROSE SKELLY GRAYBURG

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>I</u> : <u>2086'</u> Feet From The <u>SOUTH</u> Line and <u>554'</u> Feet From The <u>East</u> Line Section <u>16</u> Township <u>22-S</u> Range <u>37-E</u> NMPM <u>LEA COUNTY</u>
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3428' KB

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	COMMENCE DRILLING OPERATION ☐
PULL OR ALTER CASING ☐	CASING TEST AND CEMENT JOB ☐
OTHER: ☐	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.

3-31-06: MIRU. 4-03-06: TOH W/PMP & RODS. TIH W/BIT ON 2 7/8" TBG. TAG @ 4154'. NO FILL. 4-04-06: TIH W/CIBP & TAG RBP @ 4141. SET TOP OF CIBP @ 4136. TIH W/CBL & TRY TO LOG WELL. NO FLUID IN HOLE. PMP 60 BBLs FLUID DN CSG. TIH W/GAMMA RAY & CIBP & SET @ 3629. TEST CIBP TO 500#. RUN CBL FR 3629-3000. 4-05-06: TIH W/PKR ON 2 7/8" TBG. TAG CIBP @ 3629. SET PKR @ 3627. LOAD TBG W/15 BBLs FLUID & TEST CIBP TO 500 PSI. REL PRESSURE & PKR. TOH W/PKR & TIH & SET TBG WEIGHT BACK ON CIBP. LD TBG. TIH OPEN ENDED W/TBG & STACK OUT ON CIBP W/20 PTS TBG WEIGHT. LD 127 JTS 2 7/8" TBG. 5-02-06: MIRU KEY RIG #117. 5-03-06: PU RBP & SET IN 7" CSG. PU 6 1/8" TAG MILLS & 3 1/2" DP. TIH TO 3626. (MAKE 3.43' CORRECTION TO 3629 CIBP SETTING DEPTH). CIRC. PU WHIPSTOCK. 5-04-06: TIH W/WHIPSTOCK. RAN GYRO SURVEY. SET WHIPSTOCK @ 166.7 AZ. MILL TOW @ 3613. BOW @ 3621. DRILL 3' RATHOLE FR 3621-3624. PU DIRECTIONAL TOOLS.

5-05-06: DRILL 3624-3638, 3667 3876, 3949, 4105, 4230, 4245, 4420, 4427, 4536, 4540, 4672, 4677, 4831, 4837, 5028, 5052, 5178, 5185, 5304, 5310, 5515, 5521. TD 6 1/8" HOLE 5-10-06. 5-10-06: CIRC SWEEP @ TD. TIH W/31 STANDS. PU REAMERS & TIH TO TOW. 5-11-06: RAN GR/CCL. RAN CSG AS FOLLOW: FLOAT SHOE, 1 JT 4 1/2" CSG, LANDING COLLAR, 2 JTS CSG, ISO-PORT @ 5356, 7 JTS CSG, ISO-PORT @ 5041, 6 JTS CSG, ISO-PORT @ 4769, 5 JTS CSG, ISO-PORT @ 4545, 6 JTS CSG, ISO-PORT @ 4276, 7 JTS CSG, ISO-PORT @ 3962, 6 JTS CSG, LINER HANGER, 1 JT CSG, MECHANICAL OPEN HOLE HANGER PACKER W/ON-OFF TOOL. RIG DOWN. RUN LINER ON 3 1/2" DP. LAND LINER ON BTM. DROP BALL TO SET ANCHOR. DISPL PIPE W/42 BBLs TO LAND BALL IN CATCHER TO SET ANCHOR. SET ANCHOR @ 2100 PSIG. SHEAR OUT PUMP OUT PLUG @ 3800 PSI. BATCH MIX CMT & CMT LINER, PUMP 85 SX CL A W/200% D151, .03% D65, .04 GPS M45, .05% D167, .03% D159, .04% D13, & CITRIC ACID IN LAST 40 BBLs DISPLACEMENT, MIXED @ 15.0 PPG. SET DN ON PKR. SET DN 5 TIMES. REV OUT 70 BBLs FLUID. WOC. 5-12-06: TIH & LATCH ONTO ON/OFF TOOL @ 3627. REL. PU RBP & TIH. SET RBP @ 3306. TEST TO 500 PSIG. OK. RIG DOWN. REL RIG @ 18:00 PM WAIT ON COMPLETION 5-18-06: MIRU. TIH W/104 JTS 2 3/8" WS W/RBP OVERSHOT. LATCH ONTO RBP @ 3300 & REL RBP. LET EQUALIZE. TIH W/2 7/8" TBG. 5-19-06: TIH W/65 JTS PHG & 50 JTS L-80 & LATCH ONTO LINER. 5-22-06: TIH W/4 1/2" LINER, 83 JTS. TAG LINER @ 3621. 5-23-06: TIH W/4 1/2" JTS & SUB & LAND FRAC VALVE. TIH W/BIT & TBG. TAG @ 5443. 5-24-06: TIH W/TBG & BIT TO 5419. PICKLE TBG & LINER W/750 GALS ACID. ACIDIZE 6 PORTS: PORT 5356 SPOT ACID TO EOT. BREAK DN PORT 1 @ 3500. BROKE BACK TO 3200 PSI W/25 BBLs ACID. PORT 5041-50 BBLs SCALE INHIB. PORT 4769-WOULDN'T TREAT. REV ACID OUT OF TBG & CSG. 5-25-06: SPOT ACID ON PORT @ 4545. MUH TO PORT 4276. SPOT ACID. OPEN @ 3962. SPOT ACID. (CONTINUED ON NEXT PAGE)

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 7/17/2006
TYPE OR PRINT NAME Denise Pinkerton Telephone No. 432-687-7375

(This space for State Use)

APPROVED [Signature] TITLE PETROLEUM ENGINEER DATE AUG 03 2006

CONDITIONS OF APPROVAL, IF ANY:

2 H Eunice San Andres

R.E. COLE 'A' #5H CONTINUATION

6-01-06: FRAC W/78,000 GALS YF125ST.

6-02-06: FRAC W/84,000 GALS YF125ST. TIH W/COIL TBG & CLOSE PORT 3. OPEN PORT 1. OPEN PORT 2. FRAC W/72,000 GALS YF125ST. TIH W/COIL TBG. C/O TO TD @ 5457. OPEN PORT 6,5,4. OPEN PORT 3 & WELL WENT ON VAC. SAND CAME IN & STUCK COIL TBG @ 4497. WORK UP TO 4238. STUCK AGAIN. CAME FREE. RIG DOWN COIL TBG. SUSPEND OPRS.

6-06-06: MIRU WORKOVER RIG #45.

6-07-06: TIH W/BIT & TAG SAND @ 3892. CIRC W/AIR UNIT. C/O SAND TO 4620.

6-08-06: TAG SAND @ 4027. C/O TO 4620. C/O TO 4950 & FELL OUT OF SAND. C/O TO 5455'. CIRC HOLE W/AIR UNIT.

6-09-06: TIH W/110 JTS & PKR TO 3501. SET PKR. RU SWAB.

6-12-06: TIH W/SWAB & FLUID LEVEL @ 3000'. REL PKR. TIH W/BIT & WS & WENT TO TOE OF HORIZONTAL. NO SAND IN HORIZONTAL.

6-13-06: TIH W/TBG & TAG TOE. TIH W/PRISM LOG.

6-14-06: TIH W/PEAK PORT OPENING TOOL. ISOLATE EVERY PORT. OPEN. TIH W/PKR & SET @ 3501. RU SWAB.

6-15-06: SWABBING.

6-16-06: FINAL FLUID LEVEL @ 3100'.

6-19-06: TBG PSI 550#. FLOW WELL TO FRAC TANK. REL PKR. TIH W/OPEN ENDED TBG & TAG SAND @ 4503. POOH W/TBG TO ABOVE HORIZONTAL WINDOW.

6-20-06: TIH W/TBG & TAG SAND @ 4280. MIRU AIR UNIT. C/O TO 5442'. PUMP 30 BBLS WTR DN BS. PULL TBG UP TO ABOVE WINDOW.

6-21-06: TIH & DID NOT TAG SAND. WENT TO TOE OF HORIZONTAL @ 5442. CIRC W/FOAM.

6-22-06: LD 4 1/2" FRAC TBG. MI 2 7/8" TBG.

6-23-06: TIH W/SUB, TBG SUB, & DRAIN. TIH W/112 JTS 2 7/8" TBG. LAND BTM OF SUB @ 3585. RIG DOWN. FINAL REPORT. W/O COMPLETION TEST.

6-27-06: ON 24 HR OPT. PUMPING 84 OIL, 240 GAS, & 366 WATER. GOR-2857. TBG-100#, CSG-21#.

Well: **R. E. Cole (NCT-A) # 5**

Field: **Penrose Skelly**

Reservoir: **Grayburg**

Location:
2086' FSL & 554' FEL
Section: 16
Township: 22S
Range: 37E
County: Lea State: NM

Elevations:
GL: 3416'
KB: 3428'
DF: 3427'

**Proposed
Wellbore Diagram**

Well ID Info:
Chevno: FB1312
API No: 30-025-10318
L5/L6: LB10100
Spud Date: 9/12/47
Compl. Date: 12/6/47

Surf. Csg: 13 3/8", 48#, SS
Set: @ 295' w/ 300 sks
Hole Size: 17 1/4"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Interm. Csg: 9 5/8", 36#, H-40 & J-55
Set: @ 2900' w/ 1300 sks
Hole Size: 12 1/4"
Circ: No **TOC:** 1225'
TOC By: Temperature Survey

6-1/8" Hole
4-1/2" Liner
PBTD
MD 5455'
TVD 3810'

Perfs: Status:
3789-90' San Andres - Closed
3794-95' San Andres - Closed
3803-04' San Andres - Closed
3810-11' San Andres - Closed
3819-20' San Andres - Closed
3822-23' San Andres - Closed
3843-44' San Andres - Closed
3846-47' San Andres - Closed
3853-54' San Andres - Closed
3864-65' San Andres - Closed
3869-70' San Andres - Closed
3873-74' San Andres - Closed
3881-82' San Andres - Closed
3884-85' San Andres - Closed
3896-97' San Andres - Closed
3900-01' San Andres - Closed
3909-12' San Andres - Closed
3920-24' San Andres - Closed
3934-36' San Andres - Closed

4169-74' San Andres - Isolated w/ RBP
4545-50' San Andres - Isolated w/ RBP

CIBP @ 5320'
(35' cmt on top)

CIBP @ 6230'
(35' cmt on top)

CIBP @ 7195'
(35' cmt on top)

CICR @ 7900'
(10' cmt on top)

COTD: 5285'
PBTD: 5285'
TD: 8068'

Updated: 9-12-02

By: LPW

TOW 3613' BOW 3621'

On/off Tool 3962' 4276' 4545' 4769' 5041' 5357'
Openhole Pkr @ 3627'

CIBP @ 4,150'

5400-10' Blinbery - Cmt Sqzd
5444-56' Blinbery - Cmt Sqzd
5474-81' Blinbery - Cmt Sqzd
5500-90' Blinbery - Cmt Sqzd
5606-32' Blinbery - Cmt Sqzd
5664-80' Blinbery - Cmt Sqzd
5698-5742' Blinbery - Cmt Sqzd

6311-13' Drinkard - Below CIBP
6348-50' Drinkard - Below CIBP
6379-81' Drinkard - Below CIBP
6430-32' Drinkard - Below CIBP
6465-82' Drinkard - Cmt Sqzd
6483-85' Drinkard - Below CIBP
6486-6510' Drinkard - Cmt Sqzd
6552-54' Drinkard - Below CIBP

7224-26' Montoya - Below CIBP
7235-37' Montoya - Below CIBP
7256-58' Montoya - Below CIBP

7560-7610' McKee - Cmt Sqzd
7635-7700' McKee - Cmt Sqzd

7930-35' Ellenburger - Cmt Sqzd

Prod. Csg: 7", 23#, AOS HY & J-55
Set: @ 7953' w/ 800 sks
Hole Size: 8 3/4"
Circ: No **TOC:** 3555'
TOC By: Temperature Survey