|  | Submit 1'o Appropriate District Office State Lease - 6 copies  State of New Mexico |                    |             |                                   |          |              |                                       |                                     | Form C-105                           |                            |               |  |                      |  |
|--|--|--------------------|-------------|-----------------------------------|----------|--------------|---------------------------------------|-------------------------------------|--------------------------------------|----------------------------|---------------|--|----------------------|--|
| Fee Lease - 5 copies  Finergy Minerals and Natural Passaurees  |  |                    |             |                                   |          |              | Revised June 10, 2003                 |                                     |                                      |                            |               |  |                      |  |
| District I 1625 N. French Dr., Hobbs, NM 88240   |  |                    |             |                                   |          |              |                                       | WELL API NO.                        |                                      |                            |               |  |                      |  |
| District II 1301 W. Grand Avenue, Artesia, NM 88210 Oil Conservation Division  |  |                    |             |                                   |          |              |                                       | 30-025-38843                        |                                      |                            |               |  |                      |  |
| District III IAN 9 1 2011220 South St. Francis Dr.   |  |                    |             |                                   |          |              |                                       | 5. Indicate Type of Lease           |                                      |                            |               |  |                      |  |
| C / E 3.13 6.05 60.5   |  |                    |             |                                   |          |              |                                       | STATE FEE State Oil & Gas Lease No. |                                      |                            |               |  |                      |  |
| District IV<br>1220 S. St. Francis Dr., Santa Fe, NM 8744 OBBSUCD Santa Fe, NM 87505<br>WELL COMPLETION OR RECOMPLETION REPORT AND LOG |  |                    |             |                                   |          |              | State On &                            | z Gas                               | Lease No                             | '.<br>—                    |               |  |                      |  |
| la. Type of Well:  | OWPLETIC   | IN OR RECC         | JMPLE       | TION R                            | EPO      | KI ANL       | LOG                                   |                                     | 7 Logge Nam                          | 1                          | ·             | - 1 )  |                      |  |
|  | LL 🛛 GAS V   | VELL DRY           | / 🔲 (       | OTHER                             | _        |              |                                       |                                     | 7. Lease Name or Unit Agreement Name |                            |               |  |                      |  |
| b. Type of Comp  | oletion:   |                    |             |                                   |          |              |                                       |                                     | CAUDILL EAST 9 FEE                   |                            |               |  |                      |  |
| NEW 🖾 '  | NEW ☑ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF.   |                    |             |                                   |          |              |                                       |                                     |                                      |                            | ,             |  |                      |  |
| 2. Name of Operat  | OVER<br>or   | BAC                | CK R        | ESVR.                             | OTH      | ER           |                                       |                                     | 8. Well No.                          |                            | <del></del> . |  |                      |  |
| V-F PETROLEUM INC.   |  |                    |             |                                   |          |              | 1                                     |                                     |                                      |                            |               |  |                      |  |
| 3. Address of Oper   |  | <u> </u>           | 12.1.1      |                                   |          |              |                                       |                                     | 9. Pool name or Wildcat              |                            |               |  |                      |  |
| P.O. BOX 13  | 889, MIDL  |                    |             | )2                                |          |              |                                       |                                     | CAUDILL; PERMO UPPER PENN            |                            |               |  |                      |  |
| 4. Well Location   | I 1.7  | 22                 | 50          |                                   | r        |              | 0.110                                 |                                     |                                      |                            |               |  |                      |  |
| Unit Letter  | <u> </u>   | 80.9 Feet From     | The         | SOUTH                             | L        | ine and      | 2,110                                 | )                                   | Feet From The                        | <u> </u>                   | AST           | _Line  |                      |  |
| Section  | 9  | Township 1         | 5-S         |                                   | Rai      | nge 36       | -E                                    |                                     | NMPM                                 |                            |               | 1  | EA County            |  |
| 10. Date Spudded   |  | t                  |             | ol. (Ready to                     |          |              |                                       | (DF&                                | RKB, RT, GR                          | R, etc.)                   | 14. E         |  | EA County Casinghead |  |
| 09/27/08   | 10/20  | /08                | 0           | 1/22/11                           |          |              |                                       |                                     | 10' GR                               | -,,                        |               |  | 3,912'               |  |
| 15. Total Depth  |  | Back T.D.          | 17. If Mu   | ıltiple Com                       | pl. How  | Many         | 18. Interv                            |                                     | Rotary Tools                         |                            | Ca            | ble T  |                      |  |
| 10,911'  | 1  | 10,820'            | Zone        |                                   |          |              | Drilled B                             | y<br>                               | AI                                   |                            |               |  |                      |  |
| 19. Producing Inter<br>10,263' - 10  |  | npletion - Top, Bo | ttom, Name  | e                                 |          |              |                                       |                                     |                                      | 20. W                      | as Direction  |  | -                    |  |
| 21. Type Electric a  |  | ın                 |             |                                   |          |              |                                       |                                     | 22. Was Wel                          | l Core                     | 4             | YI   | 25                   |  |
| SONIC TLD M  |  |                    | NIC, SPE    | ECTRAL                            |          |              |                                       |                                     | NO NO                                | Colc                       | u             |  |                      |  |
| 23.  | 100 3 - 40   |                    | CASI        | NG RE                             | COR      | D (Rer       | ort all s                             | trin                                | gs set in v                          | vell)                      |               |  |                      |  |
| CASING SIZI  | E WEI  | GHT LB./FT.        |             | 'H SET                            | HOL      | E SIZE       |                                       |                                     |                                      | NTING RECORD AMOUNT PULLED |               |  |                      |  |
| 13 3/8" 48#  |  |                    | 642' 17 ½"  |                                   |          |              | 500 sx "C" PP -0-                     |                                     |                                      |                            |               |  |                      |  |
| 8 5/8" 32#   |  |                    |             |                                   |          |              | Econo "C" 200 Halcem "C" -0-          |                                     |                                      |                            |               |  |                      |  |
| 5 ½" 17# 10,901' 7 7/8" 650 sx Econo "H" 350 sx Versacem -0-   |  |                    |             |                                   |          |              |                                       |                                     |                                      |                            |               |  |                      |  |
| 24.  |  |                    | L<br>Liner  | RECORI                            | D        |              | <u> </u>                              | 25.                                 |                                      | TURIN                      | IG RECOF      | <u>}                                    </u> |                      |  |
| SIZE   | TOP  | BOTTOM             |             | SACKS CE                          |          | SCREEN       | I_                                    | SIZ                                 |                                      |                            | PTH SET       |  | PACKER SET           |  |
|  | <u>.</u>   |                    |             |                                   |          |              |                                       |                                     |                                      |                            |               |  |                      |  |
| 26. Perforation re   | ecord (interval si   | ve and number)     |             | _                                 |          | 27 40        | ID CHOT                               |                                     | ACTUBE OF                            | ) (E)                      | T. COLUMN     |  |                      |  |
| 1  | ` '  | ,                  | 10 278      | 10.250                            |          |              | ID, SHOT,<br>INTERVAL                 |                                     | ACTURE, CE<br>AMOUNT A               |                            |               |  |                      |  |
| 10,263', 10,264', 10,265', 10,272', 10,276', 10,2<br>10,361', 10,362', 10,380', 10,381', 10,382', 10,3                                 |  |                    |             | ,385', 0.41" 13 10,263' - 10,385' |          |              |                                       | 1,500 gal 15% HCl acid              |                                      |                            |               |  |                      |  |
| 10,571', 10,573', 10,587', 10,590', 10,593', 10,593  |  |                    |             | •                                 |          | 10,571       | ' – 10,793                            | ,                                   | 4,000 gal 15% HCl acid               |                            |               |  |                      |  |
| 10,643', 10,667  |  |                    |             |                                   |          |              |                                       |                                     |                                      |                            |               |  |                      |  |
| 10,793' 0.41 15  |  |                    |             |                                   |          |              |                                       |                                     |                                      |                            |               |  |                      |  |
| 28   |  |                    |             |                                   |          | DUCT         |                                       |                                     |                                      |                            |               |  |                      |  |
| Date First Production  |  | Production Meth    | nod (Flowii |                                   |          | z - Size and | type pump,                            | )                                   | Well Status                          |                            | ,             |  | ****                 |  |
| 01/23/11 PUMPING PRODUCING  Date of Test Hours Tested Choke Size Prod'n For Oil - Rbl Gas - MCF Water Rbl Gas - Oil Rbl                |  |                    |             |                                   |          |              |                                       |                                     |                                      |                            |               |  |                      |  |
| 01/24/11   | Hours Tested 24  | Choke Size NA      | 1           | rod'n For<br>est Period           | 1        | Oil - Bbl    |                                       | Gas                                 | - MCF<br>70                          | Wa<br>1                    | ter - Bbl.    |  | Gas - Oil Ratio      |  |
| Flow Tubing  |  |                    |             |                                   |          |              | Gas - MCF                             |                                     | Vater - Bbl.                         | 70 Oil Gravity - API       |               | 2,000/1                                      |                      |  |
| Press.   | SS. Hour Rate  |                    |             | 35   70                           |          | ı,           | 70                                    | 39.5°                               | ' '                                  |                            |               |  |                      |  |
| NA   | 35# psig   |                    |             |                                   |          |              |                                       |                                     |                                      |                            |               |  |                      |  |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)   |  |                    |             |                                   |          |              | Test Witnessed By                     |                                     |                                      |                            |               |  |                      |  |
| SOLD   |  |                    |             |                                   |          | WA           | YNE LU                                | JNA                                 | 4                                    |                            |               |  |                      |  |
| 30. List Attachment  | is   |                    |             |                                   |          | <u>-</u>     | · · · · · · · · · · · · · · · · · · · |                                     |                                      |                            |               |  |                      |  |
| 31 .I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief |  |                    |             |                                   |          |              |                                       |                                     |                                      |                            |               |  |                      |  |
|  |  |                    | both side.  | s oj this fo<br>ed                | orm as t | rue and c    | omplete to                            | the l                               | est of my kno                        | wledg                      | ge and belie  | र्ग  |                      |  |
| Signature  | landy L  | awles              | Name        |                                   | .K. L    | AWLIS        | •                                     | Tit                                 | le VICE P                            | RES                        | IDENT         | Dat  | te <u>01/24/11</u>   |  |
|  | •  |                    |             | ~                                 |          |              |                                       | . 10                                |                                      |                            |               |  |                      |  |
| E-mail Address   | :  |                    |             |                                   |          |              |                                       |                                     |                                      | /_2                        | APR           | - 0  | 6 2011               |  |
|  |  |                    |             |                                   |          |              |                                       |                                     | 7>                                   |                            |               |  | *                    |  |

## **INSTRUCTIONS**

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

### INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

| Southeas           | tern New Mexico  | Northwe               | Northwestern New Mexico |  |  |  |  |
|--------------------|------------------|-----------------------|-------------------------|--|--|--|--|
| T. Anhy            | T. Canyon        | T. Ojo Alamo          | T. Penn. "B"            |  |  |  |  |
| T. Salt            | T. Strawn        | T. Kirtland-Fruitland | T. Penn. "C"            |  |  |  |  |
| B. Salt            | T. Atoka         | T. Pictured Cliffs    | T. Penn. "D"            |  |  |  |  |
| T. Yates           | T. Miss          | T. Cliff House        | T. Leadville            |  |  |  |  |
| T. 7 Rivers        | T. Devonian      | T. Menefee            | T. Madison              |  |  |  |  |
| T. Queen           | T. Silurian      | T. Point Lookout      | T. Elbert               |  |  |  |  |
| T. Grayburg        | T. Montoya       | T. Mancos             | T. McCracken            |  |  |  |  |
| T. San Andres      | T. Simpson       | T. Gallup             | T. Ignacio Otzte        |  |  |  |  |
| T: Glorieta        | T. McKee         | Base Greenhorn        | T. Granite              |  |  |  |  |
| T. Paddock         | T. Ellenburger   | T. Dakota             | T                       |  |  |  |  |
| T.Blinebry 6,832   | T. Gr. Wash      | T. Morrison_          | Т.                      |  |  |  |  |
| T.Tubb 7,398       | T. Delaware Sand | T.Todilto             | Т                       |  |  |  |  |
| T. Drinkard        | T. Bone Springs  | T. Entrada            | T.                      |  |  |  |  |
| T. Abo 8,140       | T.               | T. Wingate            | Т.                      |  |  |  |  |
| T. Wolfcamp 9,743  | T                | T. Chinle             | T.                      |  |  |  |  |
| T. Penn            | T.               | T. Permian            | Т.                      |  |  |  |  |
| T. Cisco (Bough C) | Т.               | T. Penn "A"           | T. OIL OP CAS           |  |  |  |  |

| From | То | Thickness In Feet | Lithology | Froi | n To | In Feet | Lithology |  |
|------|----|-------------------|-----------|------|------|---------|-----------|--|
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|      |    |                   |           |      |      |         |           |  |

CIMAREX ENERGY CO

309517-001.01 CAUDILL EAST 9 FEE 1H (T&A)

Spud Date: Formation:

09/27/2008 W.I. Pct BCP: 100.00 % 100.00 %

County, St:

Lea. NM

Prop Depth:

Wolfcamp W.I. Pct ACP: 12450 Sec/TS/Rng:

15S 36E

Location:

2300' FSL & 2110' FEL

DFS:

UNPLUG FLOWLINE. SPUD 17 1/2" SURFACE HOLE @ 07:30 HOURS CST 9/27/2008. DRILL 17 1/2" SURFACE HOLE F/ 40' TO 313', 273', 84.0 FPH, WOB-35K, RPM-75/38, GPM-370, PP-650 PSI. WIRE LINE SURVEY @ 229'- .50 DEG. DRILL 17 1/2" SURFACE HOLE F/ 313' TO 642', 329', 73.1 FPH, WOB-45K, RPM-75/38, GPM-370, PP- 800 PSI. PUMP HI-VIS SWEEP AND CIRCULATE HOLE CLEAN. DROP TOTCO AND T.O.H. L.D. 17 1/2" IB AND SHOCK SUB AND BIT, SAFETY MEETING W/ BULL ROGERS CREW AND ALL RIG PERSONEL. RIG UP POWER TONGS AND FLOOR, RAN 16 JOINTS 13 3/8" 48# H-40 STC CASING 646'. CIRCULATE CASING ON BOTTOM, RIG DOWN CASERS, HOLD SAFETY MEETING W/ HALLIBURTON & ALL RIG PERSONEL. INSTALL CEMENT HEAD AND LINES. TEST LINES TO 2,000 PSI ( OK ) PUMP LEAD CEMENT 280 SKS (99 BBLS) PREMIUM PLUS CENENT, MIXING DENSITY 12.5 LBM/GAL, YIELD 1.98 FT3/SK, MIX WATER 10.87 GAL/SK. PUMP TAIL CEMENT 220 SKS ( 53 BBLS ) PREMIUM PLUS W/ 2% CALICUM CHLORIDE, MIXING DENSITY 14.8 LBM/GAL, YIELD 1.34 FT3/SK, MIX WATER 6.74 GAL/SK. SHUT DOWN AND DROP PLUG, PUMP DISPLACEMENT 95 BBLS WATER. BUMPED PLUG W/ 175 PSI LIFT, PRESSURED UP TO 220 PSI, RELEASED PRESSURE BACK TO DISPLACEMENT TANK 1 BBL BACK. FLOAT HELD (OK). CIRCULATED 85 SKS ( 30 BBLS ) TO SURFACE. GOOD CIRCULATION THREWOUT CEMENT JOB. W.O.C. ( NOTE ) CALLED BUDDY VIEL W/ N.M. OIL CONSERVATION DIVISION PER SPUD DATE AND TIME EXT # 114.

09/27/2008

DRIG

DFS:

Depth

0 Daily Cost: \$70,475

Progress

0 Cumulative Costs: \$265,937

AFE: 258077 0

Present Operation:

UNPLUG FLOWLINE

MOVE IN AND RIG UP. RIG INSPECTED AND READY FOR DRILLING OPERATIONS, MIX SPUD MUD AND P.U. BHA UNPLUG FLOWLINE AND POSSUMBELLY OF BOTH SHALE SHAKERS. ( NOTE ) SHOULD BE READY TO DRILL BY 7:00

A.M.CDT.

09/26/2008

Depth

n Daily Cost: \$195,462

Progress

٥ **Cumulative Costs:**  \$195,462

DRLG AFE:

258077

Present Operation:

MOVE IN AND RIGGING UP.

DFS: 0

LOCATION WAS SURVEYED BY GARY L. JONES ON 4/3/2008. LOCATION WAS BUILT BY B&R CONSTRUCTION, BIG GUNS RATHOLE SET & CEMENTED 40' 20" CONDUCTOR PIPE, DUG RATHOLE & MOUSEHOLE. RIG MOVED BY BRANTLEY

TRUCKING INC. RIG MOVE 44 MILES. MOVED IN 70%, RIGGED UP 30%.



CIMAREX ENERGY CO 09/27/2008 W.I. Pct BCP: 100.00 % Soud Date: Wolfcamp W.I. Pct ACP: 100 00 % Formation: 309517-001.01 CAUDILL EAST 9 FEE 1H (T&A) 12450 Sec/TS/Rng: 15S 36E County, St: Prop Depth: Lea. NM Location: 2300' FSL & 2110' FEL

5,895 Daily Cost: \$43,214 10/09/2008 Depth DRLG 265 **Cumulative Costs:** \$1,269,587 Progress

AFE: 258077 Present Operation: Drilling 7 7/8" Hole

Drill 7 7/8" hole from 5,630 ft. to 5,852 ft. - 222 ft. at 31.1 fph, WOB 20/25K, RPM 60 Rot. 55 Motor, GPM 370, PP 1,370 psi. Lost 12 DFS

partial returns from 5,795 ft. - Pump LCM pills, H2S gas returning, approx. 60 to 80 units. Circulate at 5,852 ft., mix and pump 3 drums of 4060 scavenger to control H2S. Pump LCM pills and raised mud weight from 9.0 ppg to 9.3 ppg. - Neutralized H2S gas. Spot 80 bbls of 18 lb/bbl. LCM pill on bottom. TOH, lay down both torque subs and (1) 3 point reamer, leaving (1) 3 point reamer at 60 ft. - Removed flow nipple. TIH to 8 5/8" casing shoe at 4,500 ft. - Installed rotating head rubber. Build up mud volume, mix mud and LCM at 4.500 ft. TIH from 4.500 ft, to bottom at 5.852 ft. Pump 18 lb/bbl LCM with 9.3 ppg mud weight. Regained partial returns after pumping for 45 minutes. Regained full returns at 04:30 hrs. Drill 7 7/8" hole from 5,852 ft. to 5,895 ft. - 43 ft. at 28.6 fph, WOB 20/25K, RPM 60 Rot. 55 Motor, GPM 370 PP 1,750 psi. Lossing approx. 40 bbls of mud per hour. No shows to report.

\$64.957 5.630 Daily Cost: 10/08/2008 Depth \$1,226,373 DRLG 910 Cumulative Costs: Progress

Drilling 7 7/8" Hole AFE: 258077 Present Operation:

Drill 7 7/8" hole from 4,720 ft. to 4,868 ft. - 148 ft. at 49.3 fph, WOB 15/20K, RPM 60 Rot. 55 Motor, GPM 370, PP 1,420 psi. DES 11 Lubricate rig. Run a wire line survey at 4,786 ft. - 1.5 deg. Drill 7 7/8" hole from 4,868 ft. to 5,314 ft. - 446 ft. at 48.2 fph, WOB

15/20K, RPM 60 Rot. 55 Motor, GPM 370, PP 1,410 psi. Run a wire line survey at 5,231 ft. - 1.5 deg. Drill 7 7/8" hole from 5,314 ft. to 5,630 ft. - 316 ft. at 30.8 fph, WOB 20/25K, RPM 60 Rot. 55 Motor, GPM 370, PP 1,370 psi. No shows to report last 24 hours.

4,720 Daily Cost: \$53.282 10/07/2008 Depth

DRLG 220 **Cumulative Costs:** \$1,161,416 Progress

AFE: DRILLING 7 7/8" PRODUCTION HOLE. 258077 Present Operation:

TEST PIPE RÂMS, BLIND RAMS, KILL LINE VALVES, CHOKE LINE, CHOKE MANIFOLD VALVES, UPPER AND LOWER KELLY 10 DES

VALVES DART VALVE 250 PSI LOW & 5,000 PSI HI. HYDRIL 250 PSI LOW & 2,500 PSI HI. REPLACED SWACO CHOKE,

INSIDE 2"X5M VALVE ON CHOKE MANIFOLD AND UPPER KELLY VALVE. ALL TEST (OK). FUNCTION TEST

ACCUMULATOR (OK). TEST CASING 1,000 PSI (OK). PICK UP BIT, COUGAR MUD MOTOR SER # 650-11, 2-3 PT REAMERS, DRILLING JARS, 23 6 1/2" DRILL COLLARS AND T.I.H. DRILL PLUG AND CEMENT F/ 4.451' TO 4.500'. DRILL 7 7/8" HOLE F/ 4,500 TO 4,518', 18', 72.0 FPH, WOB-20K, RPM-60/55, GPM-370, PP-1,375 PSI. LEAK OFF TEST 1,000 PSI (OK). WIRE LINE SURVEY @ 4,436'- 1,50 DEG. CHANGE 4" MUD VALVE ON # 1 MUD PUMP. DRILL 7 7/8" HOLE F/ 4,518' TO 4,720', 202, 50.5

FPH, WOB-20K, RPM-60/55, GPM-370, PP-1,450 PSI. ( NOTE ) NO SHOWS LAST 24 HOURS. BHA- 6.00 HOURS.

Daily Cost: \$325.933 10/06/2008 Depth 4.500

DRLG Cumulative Costs: \$1,108,134 Progress

258077 DES 9

CIRCULATE CASING ON BOTTOM RIG DOWN CASERS & L.D. MACHINE. SAFETY MEETING W/ HALLIBURTON & RIG PERSONEL. INSTALL CEMENT HEAD & TEST CEMENT LINES 2,000 PSI (OK) PUMP 17 BBLS GEL SPACER, PUMP LEAD CEMENT 1030 SKS ECONOCEM-C, SLURRY (451 BBLS) W/ 1 LB PHENO SEAL, MIXING DENSITY 11.9 LBM/GAL, YIELD 2 46 FT3/SK, MIX WATER 14.12 GAL/SK. PUMP TAIL CEMENT 200 SKS (47 BBLS) HALCEM-C. MIXING 250 WATER, BUMP PLUG W/ 1150 PSI DOWN & DROWN TUB. CIRCULATED 48 SKS CEMENT 21 BBLS TO SURFACE. W.O.C. AND CLEAN MUD PITS, NIPPLE DOWN BOP, CUT OFF

8 5/8" CASING AND WELD ON 8 5/8"X 11" 5M HEAD AND TEST HEAD 500 PSI (OK ). NIPPLE UP 13 5/8" X 5M BOP STACK

AND CHOKE MANIFOLD.

4,500 Daily Cost: \$28,355 Depth 10/05/2008

DRLG Cumulative Costs: \$782,201 Progress 258077 Present Operation: LAY DOWN B.H.A. AFE:

CIRCULATE AND CONDITION MUD. SHORT TRIP TO 587'. TIGHT @ 1,880'- 1,865' & 1,428'- 1,422'. GOING IN @ TIGHT DFS 8 1,755'- 1,840. KELLY UP. PUMP SWEEP AND CIRCULATE TO CLEAN HOLE. SHORT TRIP TO 650'. TIGHT @ 2,100-2,070'. KELLY UP @ 1,720- 1,723' AND @ 2,027- 2,059'. WESH TO BOTTOM 80'. FILL 45'. PUMP SWEEP AND CIRCULATE TO

CLEAN HOLE, T.O.H. TO DRILL COLLARS, NO DRAG, SAFETY MEETING W/ BULL ROGERS L.D. CREW AND ALL RIG

PERSONEL, R.U. L.D. MACHINE AND L.D. DRILL COLLARS.

4.500 Daily Cost: \$59,762 10/04/2008 Depth \$753,846 DRLG Progress 496 **Cumulative Costs:** 

CIRCULATE AND CONDITION MUD. 258077 Present Operation: AFF:

DFS: GPM-580, PP-2,200 PSI. REPLACE QUICK RELEASE ON ROTARY CLUTCH. DRILL 11" HOLE F/4,064' TO 4,124', 60', 40.0 FPH, WOB-25K, RPM-70/70, GPM-580, PP-2,200 PSI. WIRE LINE SURVEY @ 4,042'- 1.00 DEG. CIRCULATE AND CHANGE LINER PACKING ON # 1 MUD PUMP. DRILL 11" HOLE F/4,124' TO 4,283', 159', 42.4 FPH, WOB-25K, RPM-70/70, GPM-580,

PP-2,100 PSI. CIRCULATE AND CHANGE LINER PACKING ON # 1 MUD PUMP. DRILL 11" HOLE F/ 4,283' TO 4,500', T.D. 217'. 32.2 FPH, WOB-25K, RPM-70/70, GPM-580, PP-2,225 PSI. PUMP SWEEP AND CIRCULATE AND CONDITION MUD. (NOTE) RAN FLUID CALIPER @ 4,475' ANNULAR VOLUME @ 4,500' 2,244 CU FT, AVERAGE HOLE SIZE 12 7/8", WASHOUT 96%.

WASH TO BOTTOM F/ 3,866' TO 4,004'. FILL 20'. DRILL 11" HOLE F/ 4,004' TO 4,064', 60', 34.3 FPH, WOB-25K, RPM-70/70,

Page 4 of 6

7

AFE:



# Cimarex Energy Co. **Well History**

01/01/1900 - 12/31/2076

### **OPERATED**

258077

AFE:

#### CAUDILL EAST (WOLFCAMP) PROSPECT

| CIMAREX ENE   | RGY CO                      | Spud Date:  | 09/27/2008 | W.I. Pct BCP: |   | 100.00 % |  |
|---------------|-----------------------------|-------------|------------|---------------|---|----------|--|
| 309517-001.01 | CAUDILL EAST 9 FEE 1H (T&A) | Formation:  | Wolfcamp   | W.I. Pct ACP: |   | 100.00 % |  |
| County, St:   | Lea, NM                     | Prop Depth: | 12450      | Sec/TS/Rng:   | 9 | 15S 36E  |  |
| Location:     | 2300' FSL & 2110' FEL       |             |            |               |   |          |  |

\$8,378 10/25/2008 Daily Cost: COME **Cumulative Costs:** \$2:300.845

AFE: 258077 Present Operation: See Drilling Report DES: 28 See Drilling Report

Present Operation:

10,911 Daily Cost: \$66,539 10/25/2008 Depth

DRLG \$2,300,845 Cumulative Costs: Progress AFE: 258077 Present Operation: RIGGING DOWN

INSTALL 11" 5M X 7 1/16" TUBING HEAD AND TEST TO 5,000 PSI. INSTALL CAPPING FLANGE. CLEAN MUD PITS. RIG 28 DES: RELEASED @ 10:00 HOURS 10/24/2008. BRITT TRUCKING SET UP TO MOVE RIG SATURDAY 10/25/2008. TO BLANCA 23 FEE # 1. LAST REPORT FOR THIS WELL. THANK'S.

Daily Cost: \$269,598 10/24/2008 COMP Cumulative Costs: \$2,225,928

27 See drilling reports. Completion costs only. DES:

See drilling reports.

Daily Cost: \$3.839 10/24/2008 Depth DRLG **Cumulative Costs:** \$2,225,928 Progress

AFE: 258077 Present Operation: INSTALLING 11" 5M X 7 1/16" TUBING HEAD. LAY DOWN BHA, SAFETY MEETING W/ BULL ROGERS CREWS & ALL RIG PERSONEL. RIG UP POWER TONGS & RIG DFS: 27

FLOOR, RAN 270 JOINTS 5 1/2" 17 ppf, P-110, LTC, CASING 10,901'. CIRCULATE 5 1/2" CASING @ 10,901'. RIG DOWN CASERS & L.D. MACHINE, HOLD SAFETY MEETING W/ HALLIBURTON AND ALL RIG PERSONEL. INSTALL CEMENT HEAD TEST CEMENT LINES 6,000 PSI (OK) PUMP 10 BBLS WATER SPACER, PUMP 24 BBLS SUPER FLUSH 101, 10 BBLS WATER, PUMP 1 st LEAD CEMENT 300 SKS ECONCEM H, W/ 3 LBM PHENO SEAL, 0.1% HR-7, MIXING DENSITY 11.9 LBM/GAL, YIELD 2.49 FT3/SK, MIX WATER 14.14 GAL/SK. PUMP 2nd LEAD CEMENT 350 SKS ECONOCEM H, W/1 LBM PHENO SEAL, 0.1% HR-7, MIXING DENSITY 11.9 LBM/GAL, YIELD 2.46 FT3/SK MIX WATER 14.15 GAL/SK, TOTAL LEAD SLURRY 286 BBLS, PUMP TAIL CEMENT 350 SKS VERSACEM W/ .5% HALAD R-344, .4% CFR-3, 1 LBM SALT, 3 LBM PHENO SEAL. 2% HR-7, MIXING DENSITY 13.2 LBM/GAL, YIELD 1.62 FT3/SK, MIX WATER 8.14 GAL/SK, TAIL SLURRY 101 BBLS. SHUT DOWN DROP PLUG, PUMP DISPLACEMENT 252 BBLS FRESH WATER, BUMP PLUG W/ 1,800 PSI, PUMP 500 PSI OVER 2,300 PSI, RELEASE PRESSURE BACK TO PUMP UNIT 2 BBLS BACK, PLUGS DID NOT HOLD. FULL CIRCULATION THREW OUT CEMENT JOB, LEAVE HEAD ON AND CLOSED IN. NIPPLE DOWN 13 5/8" 5M BOP, PICK UP STACK AND SET 5 1/2" CASING SLIPS W/ 140M. W.O.C. AND CLEAN MUD PITS. FLOATS HOLDING (OK) CUT OFF 5 1/2"

CASING AND LAY DOWN BOP STACK AND INSTALLING 11" 5M X 7 1/16" TUBING HEAD.

Daily Cost: \$8.879 10/23/2008 COMP Cumulative Costs: \$1,952,491

258077 Present Operation: See drilling report. AFE: 26 See drilling report. Completion costs only. DFS:

10,911 Daily Cost: \$22,109 10/23/2008 Depth DRLG ٥ **Cumulative Costs:** \$1,952,491 Progress

AFE: 258077 Present Operation: LAY DOWN DRILL COLLARS.

TRIP IN HOLE W/ BIT TO 8,413'. DRILLER RAN INTO CROWN. INSTALL CIRCULATING SUB TO CIRCULATE HOLE. INSPECT 26 DFS: CROWN AND BLOCKS BY DRLLING SUPERINTENDENT AND TOOL PUSHER. DRILLING SUPERINTENDENT AND SAFETY MAN DID RIG INSPECTION AND INCIDENT REPORT. CROWN-A-MATIC WAS SET AND WORKING. WHEN KICKED IN

CROWN-A-MATIC HAD AIR LEAK IN RELAY VALVE. SIMCO SERVICES REPAIRED AND RESET CROWN-A-MATIC. WORKING (OK). TRIP IN HOLE. WASH TO BOTTOM F/ 10,829' TO 10,911'. FILL ON BOTTOM 10'.

<<<<<<<<<<<<<<<> WELL ON COMPLETION AFE @ 19:15 HOURS 10/22/2008>>>>>>>>>>>> PUMP HI-VIS SWEEP AND CIRCULATE HOLE CLEAN. L.D.D.P SOFT BREAK KELLY,

L.D. 6 1/2" D.C. BRITT TRUCKING SETUP TO MOVE RIG ON SATURDAY 10/25/08.