UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICATE (See other in-structions on

FOR APPROVED

| OMB NO 1004-0137 |
|------------------------------------|
| Expires: December 31, 1991 |
| 5. LEASE DESIGNATION AND SERIAL NO |

BUREAU OF LAND MANAGEMENT

| | | USA SF-07 | | | | | | | ter Transition | | | | | | | |
|---|-------------|-------------|---------------|--|--------------|-------------------------------------|------------------------|----------------------------------|----------------|---------------------------------------|--|--------------------------------|------------------------|--------------|--|--|
| WELL CO | MPL | ETION | NOR F | | | TION | REP | ORT AND | LO | G* | 6 IF | INDIAN, ALLOTT | EE OR TRIBE NAME | icas fans | | |
| 1a TYPE OF WE | LL. | | OIL WELL | GAS WELL | X | DRY | Other | · | | | 7 | | | | | |
| b. TYPE OF CO | MOLETI | ON: | | | | | _ | IK. | 1=((| CEIVE | 7. UI | NIT AGREEMENT | | | | |
| | EW T | work F | DEEP- | PLUG | | DIFF [| 7 | Li W | The C | Description of the | 8 F | ARM OR LEASE N | AME WELL NO | | | |
| W | ELL 🔼 | OVER | EN | BACK | | RESVR | Other | | 11.14 | - | 1 | | | | | |
| 2 NAME OF OF | DERATO | | | | | | | | THM | 30 2000 | Q AI | Heaton Co | m 100 | | | |
| | | | | | | | | | | 1 | | | | | | |
| 3 ADDRESS A | | | | JIL G OA | <u> </u> | | | | u ví i | and Wanso | ,10. F | 40 FIFT D AND DOOL OF LAN DOAT | | | | |
| | | | | M 87499 | (505) | 326-97 | '00 | Fan | mingi | ton Field Of | inen | Basin Fruit | land Coal | | | |
| 4. LOCATION C | F WELL | . (Report l | ocation cle | arly and in a | accordanc | e with any | State re | quirements)* | | | 11 5 | EC., T., R., M., OF | R BLOCK AND SURVEY | | | |
| At surface Unit G (SWNE) 1880' FNL, 1490' FWE | | | | | | | | | | | OR AREA | | | | | |
| FEL | | | | | | | | | | | | Sec.32 T31N R11W, NMPM | | | | |
| At top prod. in | nterval re | eported be | low | Same a | as abo | ve | | | | | i | | | | | |
| At total depth | Sa | ime as | above | | | | | | | | | | | | | |
| | | | | | 114 | PERMIT | 10 | DATE ISSUE | -n | | 12 (| COUNTY OR | 13. STATE | | | |
| | | | | |],,,, | · PETARITIES | · · · | DATE 1990E | _5 | | 1 | PARISH | I IS. SINIE | | | |
| | | | | | | | | | | | L_ | San Juan | New Mexico | | | |
| 15. DATE SPUDDI | ED 16. | | D. REACHE | D 17. | | PL. (Ready | to prod) | | 1 | LEVATIONS (DF. | | , BR, ETC.)* | 19. ELEV CASINGHEA | Ď. | | |
| 4/10/08 | 1100 | 4/27/0 | | 1000 | 6/24/0 | | TION C C | OMO | GL | 5855' | KB | 5866' | 0.015 705: 5 | | | |
| 20. TOTAL DEPTH | 1, MU &T | טע ן | 21. PLUG, E | BACK T.D., N | ID & IVD | 22. IF MUL | TIPLE C HOW M | | | TERVALS RILLED BY | ROTA | CY TOOLS | CABLE TOOLS | | | |
| 2587' | | - | 2529 |) ' | | | 1 | | 1 | | yes | | 1 | | | |
| 24. PRODUCTION | INTERV | AL (S) OF | THIS COMP | LETION-TOP | , BOTTOM | , NAME (ME | AND TV | /D)* | | | 17 | 25. WAS DIREC | | | | |
| Basin Fru | itland | Cool | 2055' 2 | 246' | | | | | | | | SURVEY MA | | | | |
| 26. TYPE ELECTR | | | | 310 | | | | | | | 127 WA | S WELL CORED | No | | | |
| Gamma | | | | | | | | | | | 12 | B WELL CORED | No | | | |
| | ray/C | domg | 0011013 | | | ACING DE | CORD | (Report all string | | | ــــــــــــــــــــــــــــــــــــــ | | .110 | | | |
| 28. CASING SIZE/GI | RADE | WEIGHT | r, LB./FT. | DEPTH S | SET (MD) | HOLE | | | | CEMENTING REC | ORD | 1 A | MOUNT PULLED | | | |
| 7" J-55 | | 23# | ., | 138 | | | surface; 34 sx (55 cf) | | | | 3 bbls | | | | | |
| 4 1/2" J-55 | | 10.5# | | 257 | 2' | 6 1/4" TOC surface; 284 sx (554 cf) | | | 25 bbls | | | | | | | |
| | | | | | | | | | | | | | | | | |
| 29. | | | LINER RE | | | _ <u></u> | | 30. | | · | | BING RECORD | | | | |
| SIZE T | OP (MD) | BOTT | OM (MD) | SACKS | EMENT* | SCREE | N (MD) | SIZE 2-3/8", 4.7# | | DEPTH SET 2312' | (MD) | PA | CKER SET (MD) | | | |
| | | ┼ | | | | ├ | | 2-316 , 4.1# | | 2312 | | | | | | |
| 31 PERFORATION | N RECOF | D (Interval | , size and nu | ımbe)r | | 32. | | ACI | D, SHO | T, FRACTURE | , CEME | NT SQUEEZE, E | TC. | | | |
| .32" @ 3 SPF | | | | | | | | | | rmic acid. Frac w/21,504 gals 25# | | | | | | |
| 2293' - 2316' = | = 70 h | oles | | | | | | | | m, w/60,000# 20/40 Brady Sand | | | | | | |
| | | | | | | N2 = 746,500 SCF | | | | | | | | | | |
| .32" @ 2 SPF | | | | | , | 2055' - | 2482 | | A/12 | bble 0% form | ic aci | d Erac w/25 | 922 gale 25# | | | |
| .32 @ 2 3FF 2055' - 2182' = | = 70 ha | oles | | | | | | | | | ic acid. Frac w/25,822 gals 25# m, w/75,000# 20/40 Brady Sand | | | | | |
| | | | | | | | | | | 806,000 SCF | ,, | -, | | | | |
| Total holes = | 140 | | | | | | | | | | | | | | | |
| | | | | | | | | ODUCTION | | | | | | | | |
| 33 DATE FIRST PRODU | JCTION | 1. | PRODUC | TION METH | OD (Flowin | g, gas lift, pu | | RODUCTION ize and type of pum | (Q) | | | WELL STATUS IF | roducing or shut-in) | | | |
| SI W/O Facilites | | 1 | | | | Flowing | | *, | - | | | SI | - | | | |
| DATE OF TEST | | HOURS TE | STED | CHOKE SIZ | | D'N FOR | OIL-B | BL | GAS- | MCF | WATE | R-BBL | GAS-OIL RATIO | | | |
| 0110 - 10-0 | } | | | 4 | TEST | PERIOD | 1 | | | | | | | | | |
| 6//24/08 FLOW TUBING PRE | ee | CASING PI | DESCUE | 1/2" CALCULATI | | BBL | <u> </u> | | 25 m | ICF WATER-B | 0 | | OIL GRAVITY-API (CORR | | | |
| -LOW TUBING PRE | .33. | CASING PI | RESSURE | 24-HOUR R | | DOL | 1 | GAS-MCF | 1 | WAICK-B | ж. | | OIL GRAVII T-API (CORP | -1 | | |
| SI - 300# SI- 527# | | | | - | 0 594 mcfd 0 | | | | | | | | | | | |
| 34. DISPOSITION C | OF GAS (| | | ed, etc.) | | - Joseph Market | | | | | TEST WITNESSED BY | | | | | |
| | | To be | sold | | | | | | _ | | | | | _ | | |
| 35. LIST OF ATTAC | CHMENT | \$ | | | | | | | | | | | | | | |
| This is a stand- | | | | | | | | | | | | | | | | |
| 36. I hereby certify | that the fo | regoing an | d attached h | nformation is | complete a | nd correct a | s determ | ined from all availa | ble rec | ords | | | | | | |
| / <i>~</i> | | 1 | / -L. | | | _ | | | | | | | | | | |
| SIGNED 2 | 10 | 74 de | <u> </u> | Sys | TITLE | Regulate | ory Tec | chnician | | · · · · · · · · · · · · · · · · · · · | DATE | 6/27/08 | Pi . | | | |
| | | | */\$0 | e Instru | ctione | and Sna | ces fo | or Additiona | Date | on Revers | e Side | | ACCEPTED FOR | REC(| | |
| | | 4004 | المارين | | | anu opa | | | , vau | dame: | e siul | ~ j | H | | | |

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department of agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

| API # 30-045-34336 | | | Heaton Com 100 | | |
|--------------------|-------|-------|--|------------|-------|
| Ojo Alamo | 873' | 915' | White, cr-gr ss. | Ojo Alamo | 873' |
| Kirtland | 915' | 1969' | Gry sh interbedded w/tight, gry, fine-gr ss. | Kirtland | 915' |
| Fruitland | 1969' | 2350' | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss. | Fruitland | 1969' |
| Pictured Cliffs | 2350' | , | Bn-Gry, fine grn, tight ss. | Pic.Cliffs | 2350' |

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Words Ch

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The James