UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT (See other in-

structions ons reverse side)

SUBMIT IN DUPLICATE* FORM APPROVED OMB NO 1004-0137

Expires: February 28, 1995

5 LEASE DESIGNATION AND SERIAL NO

NMNM-99735 -

| NMNM-997 |
|----------|

| WELL | . COMP | LETION | 1 OR I | RECO | MPLE. | TION | REPORT. | AND LOG* | • | o ir indian, alcorre | EE OK TRIBE NAME |
|---|---------------------------|----------------------|--------------|---|---------------------------------|----------------------|--|-------------------------------|--|--|--|
| 1a. TYPE OF WOR | RK | OIL WELL | | GAS WELI | x | DRY | Othe | r | | 7. UNIT AGREEMENT N | IAME |
| 1b. TYPE OF WEL | | - | _ | | | | | | | Report to | lease. |
| NEW X | WORK OVER | DEEPEN | Ц | PLUC BACK | | DIFF RESVR. | Lothe | <u> EIVEI</u> | | | . , |
| 2 NAME OF OPERAT | | _ | | | 000 | ID # 40 | 20450 40 | . 0 4 0000 | | Synergy 2 | 1-7-5 # 142 |
| Synergy Ope 3 ADDRESS AND TEL | rating, Li LEPHONE NO. | <u>.C</u> | | | OGR | ID # 16 | 3458 NIIV | 30 2009 | | | 3-21036-00 5 1 |
| PO Box 5513 | 3, Farmir | ngton, NM | 87499 |) | (50 |)5) 325 | -5449eau of | Land Manager | ment | 10 FIELD AND POOL OF | R WILDCAT |
| 4 LOCATION OF V | VELL (Report | locations clear | ly and in ac | cordance w | ith any State | requireme | nts*) Farming | iton Field Offic | 70 | Basin Fruitland | Coal |
| At Surface | | Unit Let | ier J, 18 | 310' FS | L, 1950' | FEL, S | Sec 5, T21N, | R07W | | 11 SEC, T, R., M, OR B | LOCK AND SURVEY |
| At top prod. Interval | reported belov | N | | | | | | | | OR AREA | |
| At total depth | | | | 14 PERMIT | ERMIT NO DATE ISSUED | | | | | SEC 05, T21N, | |
| | | | | | | | L L L L L L L L L L L L L L L L L L L | | | Sandoval | New Mexico |
| 15 DATE SPUDDED 06-01-2009 | 06- | -06-09 | | 11. | (Ready to prod -11-09 | | 6708' GL, 6 | | | | 19 ELEV CASINGHEAD 6709' |
| 20 TOTAL DEPTH, M | | 21 PLUG BAC | CKTD, MD | | 1 110 | MULTIPLE OW MANY* | | 23 INTERVALS DRILLED BY | 1 | FARY TOOLS | CABLE TOOLS |
| 959' MD 24 PRODUCING INTE | 959' TVI | | MD TOP P | 899' | TVD | | | <u> </u> | Ste | eve & Son Rig # 1 | 25 WAS DIRECTIONAL |
| | | | | | | | | | | | SURVEY MADE |
| Fruitland Coa | l Formati | on: 740' to | 758' - (| (18') Tot | al of 80 <u>p</u> | perforai | tions | | | | Yes |
| 26 TYPE ELECTRIC A | AND OTHER LO | OGS RUN | | | | | | | | | 27 WAS WELL CORED |
| | |)penhole: | GR, C | | | | | ased Neutron | | | No |
| 23 CASING SIZE/ | GRADE | WEIGHT, | IR/FT | | ING RECO TH SET (MD) | | rt all strings set in v HOLE SIZE | | ENT. CE | MENTING RECORD | ANOUNT MILLED |
| 8-5/8" K | | 24 | | DEI | 132' | | 12-1/4 | 70 sxs (99.4 ft3) w/ 2%CaCl | | | Circ 5 bbls |
| 5-1/2" K | | 15.3 | | | | | | 236 sxs (328 ft3) w/ additive | | Circ 20 bbls | |
| | | | | | | | | | | | to Surface |
| | | | | | | | | | | | |
| 29 SIZE | 2700 | | ER RECO | | LEACKEC | CAMENTOS. | SCREEN (MD) | | | TUBING RECORD DEPTH SET (MD) PACKER SET (MD) | |
| SIZE | 101 | (MD) | вотто | M (MD) | SACKS C | EMENT | SCREEN (MD) | 2-3/8" | | 780' est | PACKER SET (MD) none |
| | | | | | | | | 1-20,0 | | 700 001 | 1,0,10 |
| 31. PERFORATION R | ECORD (Inter | val, size and nun | iber) | | ' | | 32. | ACID, SHOT, FI | RACTU | RE, CEMENT SQUEE | ZE, ETC. |
| | <u> TERVAL</u> | | | <u>ZE</u> | <u>NUM</u> | BER | DEPTH INTERVAL (MD) | | AMOUNT AND KIND OF MATERIAL USED | | |
| | | | _ | | | | 740' to | 740 to 758' | | natura | al |
| | o 750' (10 | • | | 34" | 4 | | | | | | ng (pana ang, pang, p pang, |
| 748' to | o 758' (10 | 7 | 0.3 | 34" | 4 | U | | | | | ncana |
| | | | | | | | <u> </u> | | | | NC DIU. |
| | | | | | | | | | | 4.50 | |
| 33.* | | T | | | | | PRODUCTION | | | The second | TOWN OF THE PROPERTY OF THE PR |
| DATE FIRST PRODUCTION Wait on pipeline - PRODUCTION METHOD (Flowing) Wait | | | | ng on Pipeline Connection for pump test | | | | | WELL STATUS (Producing or shut-m) Shut-in — | | |
| DATE OF TEST | | URS TESTED | CHOKE | | PROD'N FO | | ILBBLS | GASMCF. | | WATERBBL. | GAS-OIL RATIO |
| 11-11-200 | 09 - | 24 | 2" | Open | TEST PERIO | OD | 0 | 10 MCFD 6 | est | 100 BWPD est | n/a |
| FLOW TUBING PRESS CASING PRESSURE CALC | | JLATED JR RATE | OIL-BBL 0 | | GASMCF WATER 10 MCFD est 100 B | | R-BBL OIL GRAVITY-API (CORR) WPD est n/a | | | | |
| 4 DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY | | | | | | | A de allimon | | | | |
| UST OF ATTACH | | ·uei Powe | ring Ge | enerator | , vvaljun | g on Pi | ipeime Conne | ection | | TOTT | Mullins |
| 36. I hereby certify th | nat the foregoin | ng and attached | information | n is complet | e and correc | t as determ | uned from all availab | ole records | | The state of the s | |
| SIGNED // L Y | | / | TITLE_ | | Engineering Manager | | | ACCEPTED F973672009 | | | |
| <u> </u> | | | | (See Instri | uctions and | Spaces for | or Additional Data | on Reverse Side) | | T DE | 0 2 2009 |
| Title 18 U.S.C. Section 1001 | , makes it a crime | ior any person knowi | | | | | | | its or repres | entations as to any matter within: | its jurisdiction |
| | | | | | | 4511 | <i>U</i> • • • • • • • • • • • • • • • • • • • | | | BY TLS | STON FIELD OFFICE |

| 37. SUMMARY OF POROUS ZONE drill-stem, tests, including depth i recoveries); | 38. GEOLOGIC MARKERS | | | | | | |
|--|----------------------|--------|-----------------------------|---|------------------------------|--------------------------------------|--|
| FORMATION | ТОР | воттом | DESCRIPTION, CONTENTS, ETC. | | ТОР | | |
| Synergy 21-7-5 # 142 / | | | | NAME | MEAS. DEPTH | TRUE VERT. DEPTH | |
| Fruitland Coal | 740' | 758' | Coal Scams | Log Tops: Kirtland Fruitland Top Basal Coal Top PC Top Base PC TD: | 168' 436' 738' 788' | 168' 436' 738' 788' 959' | |
| | | | · | | | | |
| | | | | | | | |
| N | , | | | | | | |
| 2 | | | | | | | |