Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: November 30, 2000

| WELL COMPLETION OR RECOMPLETION REPORT AND LOG | | | | | | | | | | | | ĺ | 5. Lease Serial No. NMLC069627 | | | | | |
|--|---------------------------|-----------------|------------------------|-----------------|---------------|----------------|-------------------|----------------------------|-------------------------------------|-------------|--|--|--------------------------------|---|--|---------------------|------------------|-----------|
| 1a. Type of Well ☐ Gas Well ☐ Dry Other | | | | | | | | | | - | 6. If Indian, Allottee or Tribe Name | | | | = | | | |
| b. Type of Completion \(\text{\text{\text{M}}} \) New Well \(\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{Not}}}}}}} \) Deepen \(\text{\tin}\ext{\texi{\text{\texi}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text | | | | | | | | | | | ·,. | | · | | | | | |
| | | | Ot | her | | | | | | | | | - 1 | | _ | reem | ent Name and no. | |
| 2. Name | • | | | | | | | | | | | | | | IM71016 ase Name an | 4 11/ | all No | |
| | Enterpris | ses Pi | roduct | ion Co |). | | | 10 Bt | | | | | 1 | | ER <u>LAKE</u> | | | |
| 3. Addre | ss Box 276 | o M | idland | TY 70 | วรถว | | | 3.a Phor | ie No. <i>(1</i> 2)683-2 | | area c | ode) | | | I Well No. | . 01 | 22, | _ |
| | | | | | | accordance wi | th Fadara | | | 4411 | | | | <u> 30-01</u> | 5-33929 | | | |
| | | | | | | | т гецеги | i requiremen | 113) | | | | 1 | | ld and Pool, | | • | |
| At Su | rface SESI | E, UL | . P, 33 | 0 FSL | ., 560 FE | L | | | | | | | | | | | ELAWARE | _ |
| At top | prod. inter | rval rep | ported b | elow S. | AME | | | | | | | | , | 11. Sec., T., R., M., on Block and Survey or Area SEC 30, T24S, R30F | | | | |
| At total depth SAME | | | | | | | | | | | | 12. County or Parish 13. State EDDY NM | | | | | | |
| 14. Date Spudded 15. Date T.D. Reached | | | | | | | | 16. Date Completed | | | | | | 17. Elevations (DF, RKB, RT, GL)* | | | | |
| 08/14/2005 09/03/2005 | | | | | | | | | ☐ D & A ☒ Ready to Prod. 10/01/2005 | | | | | 3218' GL | | | | |
| | Depth: M | D 76 | | | | Plug Back T.D | · MD 3 | | 2003 | 20. | Dentl | Brid | lge Plug Se | · | MD | | | _ |
| 16. Total | | VD. | | | | | TVD | | | | | | | | TVD | | | |
| 21. Type | of Electric | & Othe | er Mech | anical l | Logs Run (| Submit copy of | feach) | | | 22. | | | ored? 🗓 | | | | nit analysis) | |
| GR-CNL-LDT; GR-AIT | | | | | | | | | | | Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ Yes (Submit copy) | | | | • ' | | | |
| 23 Casin | g and Line | Reco | rd/Reno | ort all si | rings set in | well) | | - | | <u> </u> | Direc | tiona | i Survey! | | 40 ED 16 | 5 (3) | лопп сору) | |
| | | | | | | [| Stag | e Cementer | | of Sks | | | urry Vol. | Cen | nent Top* | T | Amount Pulled | _ |
| Hole Size | Size/Gra | | Wt. (#/ | | Top (MD) | Bottom (M | D) | Depth | | of Ce | ment | • | (BBL) | | | <u> </u> | | |
| 12-1/4" 7-7/8" | 8-5/8"K 7"L80 | _ | 155/32 23# | # 0' 0' | | 3700' | | | 560 485 | | | | | 0' | | 0 | | |
| 6-1/8" | 4-1/2"J | | 11.6# | 10' | | 7605' | | 270 | | | | | 4840' | | 2T ' | 10 | | |
| <u> </u> | | 22 1 | | | | 1,000 | | | | | | | | 10.0 | <u>/ 10 </u> | † | | |
| | | | | | | | | | | | | | | | | | | _ |
| 24 77 1 : | | | | | | | | | <u></u> | | | | | <u> </u> | | 1_ | | |
| 24. Tubir | | ı Set (l | MD) I F | acker I | Depth (MD) |) Size | Den | th Set (MD) | Packer | Depth | (MD) | | Size | T D | epth Set (M | DΣ | Packer Depth (MI | <u>))</u> |
| 2-3/8" | 7375 | | -/ - | | | | | | | | | - | | +- | | | 7,000 | |
| 25. Produc | ing Interva | ıls | | | | | 26. | Perforatio | n Record | d. | | l—— | | ٠., | _ | | | |
| | Formatio | n | | | Тор | Bottom | | Perforated | Interval | | | Size | | Holes | | | rf. Status | _ |
| A)DELA | WARE | | | 7271' | | | | 68' - 6991' '1' - 7287' | | | 0.470 | | 23 | | | PRODUCING PRODUCING | | |
| <u>B)</u> | | | | | | <u> </u> | | 1' - 7287 1' - 7347' | | | 0.470 | | 16 | 12 | | PRODUCING | | — |
| <u>C)</u> D) | | | | | | | 7,54 | 1 - 1341 | | | 0.47 | | | | FROD | <u> </u> | 110 | _ |
| | Fracture, Ti | reatme | nt, Cem | ent Sqe | eze, Etc. | | | | | | <u> </u> | | | | | _ | ECENTO | _ |
| | Depth Inter | | | | | | | | mount a | | pe of N | lateri | al | | | | ECEINED | |
| 6968' - 6991' 124,022 GALS PW + 10, 7271' - 7347' 124,390 GALS PW + 10, | | | | | | | | | | | | | OCT 3 1 2005 | | | | | |
| 12/1 | - /34/ | | | 124, | 390 GAL | .3 PW + 10, | ,000# 14 | 730 LITE | PKOP | | | | | | | H | DAMILEDIA | _ |
| | | | | | | | | | | | | | | | | | | <u></u> |
| 28. Produ | ction - Inte Test | rval A | | | | | | | | | | | | | | | | _ |
| Date First Produced | Test Date | Hours Tested | i Pi | est oduction | Öil BBL | Gas MCF | Water BBL | Oil Grav Cort. Al | rity Pj | G G | as ravity | | Production | Method | | | | |
| 10/01/05 | | | _ - | <u>-></u> | 63 | 34 | 230 | | | | |] | PUMPI | NG_ | | _ | | |
| Choice Size | Tbg. Press. Csg. Press. R | | 24 Hr. Oil Rate BBL | | Gas MCF | Water BBL | Gas : Oi Ratio | Gas : Oil Ratio | | Well Status | | | | | | | | |
| 11/64" | si 280 | | | <u> </u> | 63 | 34 | 230 | | | P | ow | | | | | | | |
| Produ Date First | ction - Inte | | | | 100 | 16 | 1377-41 | 1070 | | 7.2 | | | | | | | | _ |
| Produced | Test Date | Hours Teste | ed Pr | roduction BBL | | Gas MCF | Water BBL | Corr. Al | Oil Gravity Corr. API | | Gas Gravity Prod | | Production | Method | | | | |
| Choke Size | Tbg. Press | Csg. Press | 24 R | Hr. | Oil BBL | Gas MCF | Water BBL | Gas : Oi Ratio | I | w | ell Statu | S | | • | | | | |
| | Flwg. SI | | - | | . | | | | | | | | | | | | | |
| (See Instruc | tions and spe | aces for | addition | al data | on reverse si | de) | L | | | | | | | | | | | — |

| | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method | - | |
|-----------------------------------|--|--|--|---|------------------------------|---------------|--|-------------------|---|-------------|--|
| oke e | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio | Well Status | | | |
| | tion - Inter | | 1 | | · | T | | T = | | | |
| te First oduced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method | | |
| oke ze | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio | Well Status | | | |
| Dispo SOLI | sition of G | as (Sold, u | sed for fuel | , vented, etc | :.) | <u> </u> | 1 | <u> </u> | | | |
| | | us Zones (| Include Aqu | ifers): | | | | 31. Formati | on (Log) Markers | , | |
| tests, i | | | | | | | d all drill-stem nd shut-in pressures | | | | |
| Eorma | tion | Тор | Dottom | 7 | Descriptions, Contents, etc. | | | | Name | Тор | |
| Forma | MOII | Top Bottom | | | Descri | Alons, Conte | 1113, CU. | <u> </u> | Ivanic | | |
| | | | | | | | | T/RUSTLI | ER | 60' | |
| | | | | | | | | T/SALT | | 630' | |
| | | | | | | | | B/SALT | | 3305' | |
| | | | | | | | | T/DELAW | ARE MTN GROUP | 3504' | |
| | | | | | | | , | | | | |
| 2. Additio | onal remark | s (include | plugging pr | rocedure): | | | | | | | |
| 3. Circle 1. Elec | enclosed at ctrical/Mec ndry Notice | tachments: hanical Lo for pluggi | gs (1 full se | t req'd.) ent verifical | | cological Rep | ort 3. DST Re 7. Other | port 4. D | rirectional Survey | | |
| 3. Circle 1. Electric 5. Sur | enclosed at ctrical/Mec ndry Notice | tächments: hanical Lo : for pluggi | gs (1 full se | t req'd.) ent verifica | tion 6. Co | ore Analysis | 7. Other | ————— | rirectional Survey ble records (see attached insi | tructions)* | |
| 3. Circle 1. Elect 5. Sur I hereb | enclosed at ctrical/Mec ndry Notice | tachments: hanical Lo for pluggi | gs (1 full se | t req'd.) ent verifical tached info | tion 6. Co | ore Analysis | 7. Other | I from all availa | | tructions)* | |
| 3. Circle 1. Elec 5. Sur | enclosed at ctrical/Mec ndry Notice or certify the (please prince) | tachments: hanical Lo for pluggi | gs (1 full se ing and cem going and at | t req'd.) ent verifical tached info | tion 6. Co | ore Analysis | 7. Other | I from all availa | | | |