Form 3160-4 (August 2007)

Oil Cons. UNITED STATES DEPARTMENT OF THE INTERIOR I.M. DIV-Dist. 2 BUREAU OF LAND MANAGE 101 W. Grand Aver

FORM APPROVED OMB NO 1004-0137

| • | WELL | COMPI | ETION | I OP P | ECOMP | ANA | ₽₩Ω₽ ₩∩١٦ | PEDO PEDO | L CI | rano | AV AV | enu | | Expires e Senal No | July 31, 2 | 010 | — |
|--------------------|-------------------|--------------|--------------------------------------------------|-------------|--------------|-----------------|----------------|-----------------|-----------------|--------------------|----------|----------------------------------------|----------------------------------------|-----------------------------|---------------|------------------------|----------|
| to Type of Well | Oit A | | X Gas V | | Dry | | Olher | WHER. | IRY, T | MA - E | 382 | <u> </u> | ====================================== | | -10690 | 4 | |
| la Type of Well | | New Well | Work | | Deepen | _ | Plug Bac | L | | D.# D. | | | C K lad | an, Allottee | | | |
| Type of Complet | | ner: | | Over L | | ய | riug bac | ĸ | | Diff Res | | · · · _ | e ii indi | lan, Allottee | or moe w | ante | |
| Name of Oper | ator | | | | | | | | | \$,. | | , , | 7 Unit o | or CA Agreer | nent Name | e and No | |
| Yates Petro | leum Corp | oration | | | | | | | | 11 | | | · | | | | |
| Address | | | 0040 | | Phone No | • | | a code) | | A. A. | | • <i>i</i> | 1 . | e Name and | | 1 | |
| 105 S. 4th S | Str., Artesi | a, NM 8 | 8210 | | 75-748- | | | ote)* | | <u> </u> | | | 9 API V | otball Bo | JF Fed | eral #2F | 1 |
| LOCATION OF WY | en (report roc | Bilon Cicar | ry and me | ccoraance | · · | <i>a, ,</i> , , | quii erriei | 113) | | متعطير عاده | ~ | | 9 APIV | | 05-640 | 20 // / | 51 |
| At Surface | | 1980 | FSL & | 250'FEL | (Unit I, 1 | NES | E) | | race . | | | | 10 Fiel | d and Pool o | | | 4 |
| | | | | | | | | S | EP 2 | 2 4 201 | 08 | | | Coyote | | | |
| At top prod In | terval reporte | d below | | | | | | | | | | ١ | | , T ,R ,M , o ey or Area | n Block an | id | |
| | , | | | | | | | | | ARTE | 3 | A | | Section 1 | 1-T12S | -R26E | |
| BHL | | 1929'F | SL & 19 | 59'FEL (| Unit J, N | WS | E) | | | | | | - 1 | nty or Pansh | | | |
| | | | | | | | | | | | | | Ch | naves | Nev | v Mexico | <u> </u> |
| 4 Date Spudde | ed | | 15 Date | .D.Reach | ed | 16. 1 | Date Co | mpleted | _ | _ 9 | /3/0 | 8 | 17 Elev | ations (DF,F | RKB,RT,GI | L)* | |
| RH 5/28/0 | 08 RT 5/3 | 1/08 | | 7/2/08 | | (| <u> </u> | D & A | LX | Ready | to Pro | od | - (| 3748'G | L 376 | 6'KB | |
| 8 Total Depth. | MD | 6400' | | 19 PI | ug Back T D | | MD | 6356' | 20. D | epth Bnd | ge Plu | g Set | MD | NA | | | |
| , | TVD | 5312' | | | | | TVD | NA | | | | - | TVD | NA | | | |
| | 00. | | - 10.1. | | | 20 | 141- 101 | | , [7 | O No | | | | | | | |
| 1. Type Electric & | | _ | | | | 22 | | ell cored | _ | _ | _ | | (Submit ar | • • | | | |
| CNL, Hi-Res | • | _ | sorehole | | | | Was DS | | | | | | (Submit re | | | | |
| Compensate | | _ | | | | <u> </u> | Direction | al Survey | <u> </u> | No | 스 | Yes | (Submit co | opy) (A | ttached) | | |
| 3 Casing and L | iner Record (| Report all | strings set | in well) | | | - 2 | | | 72 | | · · | | | | | |
| Hole Size | Size/Grade | Wt (#/ft | Ton | (MD) | Bottm(MD | , | | Cement Depth | | No of Sk | | 1 | irry Vol (BBL) | Cement | Top! A | mount Pu | hail |
| 26" | 20" | Cond | | face | 40' | ·/ | | Depui | | Type of Cement (BE | | (800) | Surfa | | anount Fu | 160 | |
| 17-1/2" | 13-3/8" | 48# | | face | 1124' | | | | $\neg \uparrow$ | 755 s | | | | Surface | | **** | _ |
| 12-1/4" | 8-5/8" | 32# | Sur | face | 5028' | | | | | 1355 | sx | | | Surfa | ce | | |
| 7-7/8" | 5-1/2" | 17# | Sui | face | 6400' | | | | | 370 s | × | | | 3000' | Est. | | |
| | <u> </u> | <u></u> | | | | | | | | | | <u> </u> | | | | | |
| 24 Tubing Reco | | (140) | On all and | | 1 0 | | | | Ł | | 4.15 | T 0: | <u> </u> | 0 | г | 5 " " | |
| Size 2-7/8" | Depth Se 4286' | et (IVID) | 4286' | epth (MD) | Size | | Depth | Set (MD) | Paci | er Depth | (MU) | Size | e Deptr | Set (MD) | Раске | r Depth (M | <u></u> |
| 5 Producing Ir | | | 1200 | | | | ļ | | 26. P | erforation | Reco | rd | | | l | | |
| | ormation | | 7 | ор | <u> </u> | Во | ottom | | Perfo | rated inter | val | Size | e No | Holes , | Pe | rf Status | _ |
| A) Wolfcam | р | | 55 | 38' | | 6 | 306' | | | 5538' | | | | 10 | 1 | oducing | |
| 3) | | | | | | | | | <u> </u> | 5730' | | L | | 10 | | oducing | |
| <u> </u> | | | | | | | | | | 5922' 6114' | | | | 10 | | Producing Producing | |
| D) E) | | | | | | | | | | 6306' | | | | 10 Pro | | | |
| 27 Acid, Fractui | re. Treatment, | Cement S | gueeze, E | tc | <u> </u> | | | | L | 0000 | | ــــــــــــــــــــــــــــــــــــــ | 1 | | | oddonig | |
| De | pth Interval | | | | | | | | | nd Type of | | | | | | | |
| 5538',5730', | 5922',6114 | 1',6306' | | | | | | | | | 857 | 6 bbls | fluid, 16 | 2,180# 4 | 40/70 | | |
| | | | Ottawa | sand ar | nd 38,860 | J# 2 | :0/40 C |)ttawa | w/Ext | pedite | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| 8 Production - | Interval A | | | | | | | | | | - | | | | | | |
| Date First | Test Date | Hours | Test | | Oil | | Gas | Water | Oil G | • | Gas | - 1 | roduction | Method | | | |
| Produced | 0/0/55 | Tested | Produ | | BBL | | MCF | BBL | Corr | | Grav | | | | | | |
| 9/4/08 | 9/6/08 | C50 | 24.11 | <u>→</u> | 6 | | 702 | 21 | C==" | NA | + | Status | | Flo | wing | | |
| Choke Size | Tbg Press Flwg | Csg Press | 24 Hr Rate | | Oil BBL | ı | Gas MCF | Water BBL | Gas/0 | | well | Status | | | ٠, | | |
| NA | 177 psi | Packe | - 1 | → | 6 | | 702 | 21 | 1 | NA | | | | Producin | n | | |
| 28a Production | | 1 . 00// | | | | | 1 . 02. | 1 41 | <u> </u> | . */ ` | 1 | 100 | COTE | ם בחב | <u>~</u> | ORD | ┢ |
| Date First | Test Date | Hours | Test | . 3 | Oil | | Gas | Water | Oil G | ravity ;' | Gas | 140 | roduction | Method | TAEL | 0110 | 1 |
| Produced |] | Tested | 1 | uction | BBL | | MCF | BBL | Corr | API (| Gra | mel | DA | VID | R. | GL | A |
| | | | ` | <u>→.</u> | 1 | | <u> </u> | ļ | <u> </u> | | \sqcup | / 0 | est | | 2008 | | L |
| Choke | Tbg Press | Csg . | 24 Hi | | Oil BBL | | Gas MCF | Water | Gas/ | | Wet | Status | SER | 10 | | 1 | |
| Size | Flwg | Press | Rate | → | POPL | | NICH | BBL | Ratio | , | | | | | | | 1 |
| *(See instruction | L and seese | for addition | nal data a | n nane 21 | 4 | | L | Ц | <u> </u> | | 4 | <u> </u> | DAV | ID R. G | LASS | | + |
| (See marruction | is and spaces | יטו מטטוווכ | moi uata 0 | ii paye Z) | | | | | | | | | PETRO | EUM E | NGINE | ER |] |

| Date First | - Interval C | | | _ | | | | | | |
|-----------------|----------------------|---------------------------------------|---------------------------------------|------------|---------------|--------------------|----------------|--------------|--------------------|------------|
| | Test Date | Hours | Test | Oil | Gas | Water | Oil Gravity | Gas | Production Method | |
| Produced | | Tested | Production | BBL | MCF | BBL | Corr API | Gravity | | |
| | | | → | | | 1 | | | | |
| Choke | Tbg Press | Csg | 24 Hr | Oil | Gas | Water | Gas/Oil | Well Statu | S | |
| Sıze | Flwg | Press | Rate | BBL | MCF | BBL | Ratio | | | |
| | | <u> </u> | <u> </u> | | | | <u></u> | | | |
| 28c Production | | | Υ | | | 1 | 12.2 | | Ta | |
| Date First | Test Date | Hours | Test | 011 | Gas | Water | Oil Gravity | Gas | Production Method | |
| Produced | | Tested | Production | BBL | MCF | BBL | Corr. API | Gravity | | |
| Choke | Tbg Press | Csg | 24 Hr | Oil | Gas | Water | Gas/Oil | Well Statu | is | |
| Size | Flwg. | Press | Rate | BBL | MCF | BBL | Ratio | 1 | | |
| | | | → | | | 1 | į | | | |
| 29 Disposition | of Gas (Sold, | used for fuel, i | vented, etc) | l. <u></u> | L | - | .ł | 4 | | |
| Sold | | | | | | | | | | |
| 30. Summary o | f Porous Zone | s (Include Aqu | ufers) | | | *** | | 31, Forma | tion (Log) Markers | |
| Cha = 11 :===== | | , , , , , , , , , , , , , , , , , , , | | | | | | | | |
| ncluding depth | | | I contents there d, time tool ope | | | | | - | | |
| recoveries | | | | | | | | - | • | Тор |
| | Formation | } | Тор | Bottom | Desc | inption, Co | ontents, etc | | Name | Meas Depth |
| | | | | | | | | Seven I | Rivers | 218' |
| | |] | | | | | | Queen | • | 594' |
| | | | 1 | | | | | Penros | ^ | 678' |
| | | | 1 | | | | | 1 | | |
| | | | ł | ļ | | | | Graybu | _ | 890' |
| | | | | | | | | San An | dres | 1120' |
| | | | | | | | | Glorieta | 1 | 2296' |
| | | | | | | | | Yeso | | 2408' |
| | | | | | | | | Tubb | | 3784' |
| | | | | | | | | Abo | | 4553' |
| | | | | | | | | Wolfca | ma | 5140' |
| | | | | | | | | | • | · · |
| • | | | | | | | | Wollcai | mp B Zone | 5380' |
| 32 Additional r | remarks (includ | le plugging pro | ocedure): | | | | | | | <u> </u> |
| | | | | | | | | | | |
| | | | | | | | | | | |
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| | | | | | | | | , | | ٠ |
| 33 Indicate w | | | ed by placing a | | | | + | - Paped V | Duractional Survey | J |
| 33 Indicate w | | | ed by placing a .ogs (1 full set r | | | boxes ogic Repo | rad T | Report X | Directional Survey | \$ |
| 33 Indicate w | XElectrica | I/Mechanical L | | eq'd) | Geolo | | <u></u> | Report X | _ | g |
| | X Electrica | I/Mechanical L | ogs (1 full set r | eq'd) | Geold | ogic Repor | XOth | er Deviation | _ | ructions)* |
| | X Electrica Sundry N | I/Mechanical L | ogs (1 full set r | eq'd) | Geold Core | ogic Repor | XOth | er Deviation | Survey | |

(Form 3160-4, page2)

(Continued on page 3)