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| Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505 | State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 | Form C-105 Revised June 10, 2003 WELL API NO. 30-015-33555 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> State Oil & Gas Lease No. 032697 |
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|---|--|--|---|---|------------------------------------|
| WELL COMPLETION OR RECOMPLETION REPORT AND LOG | | | | | |
| 1a. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____ b. Type of Completion NEW <input type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG <input type="checkbox"/> DIFF <input type="checkbox"/> WELL OVER BACK RESVR <input type="checkbox"/> OTHER _____ <div style="text-align: right; font-weight: bold; font-size: 1.2em;">AUG 30 2007</div> <div style="text-align: right; font-weight: bold; font-size: 1.2em;">RCD-ARTESIA</div> | 7. Lease Name or Unit Agreement Name ESPERANZA 22 STATE COM 8. Well No. 2 | | | | |
| 2. Name of Operator PURVIS OPERATING CO. | | | | | |
| 3. Address of Operator P O BOX 51990, MIDLAND, TX 79710-1990 | | | | | |
| 4. Well Location Unit Letter <u>L</u> : <u>1980</u> Feet From The <u>SOUTH</u> Line and <u>660</u> Feet From The <u>WEST</u> Line Section <u>22</u> Township <u>21-S</u> Range <u>27-E</u> NMPM <u>EDDY</u> County _____ | | | | | |
| 10. Date Spudded 02-03-07 | 11. Date T.D. Reached 2-23-2007 | 12. Date Compl (Ready to Prod.) 3-28-2007 | 13. Elevations (DF& RKB, RT, GR, etc) 3264' kB | 14. Elev. Casinghead 3248' | |
| 15. Total Depth 11,755' | 16. Plug Back T.D. 11,705' | 17. If Multiple Compl How Many Zones? N/A | 18. Intervals Drilled By Rotary Tools <input checked="" type="checkbox"/> Cable Tools _____ | 19. Producing Interval(s), of this completion - Top, Bottom, Name MORROW from 11,572' to 11,672' | |
| 21. Type Electric and Other Logs Run Compensated Neutron / Density and Dual Laterolog | | | 20. Was Directional Survey Made NO | | |
| 22. Was Well Cored NO | | | | | |
| 23. CASING RECORD (Report all strings set in well) | | | | | |
| CASING SIZE | WEIGHT LB /FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 13 3/8" | 48 | 503' | 17 1/2" | 780 sks | None |
| 9 5/8" | 36 | 2696' | 12 1/4" | 800 sks | None |
| 7" | 26 | 9350' | 8 3/4" | 400 sks | None |
| 24. LINER RECORD | | | | | |
| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | |
| 5" | 9010' | 11,750 | 280 | | |
| 26. Perforation record (interval, size, and number) 11,572 - 76 11,605 - 07 Total 32' @ 2 spf 11,578 - 80 11,610 - 13 11,584 - 90 11,617 - 19 11,594 - 98 11,663 - 72 | | | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 11,572 - 11,672 2000 gal 7 1/2% NE/FE acid | | |
| 25. TUBING RECORD | | | | | |
| SIZE | DEPTH SET | PACKER SET | | | |
| 2 7/8 | 11,464 | 11,464 | | | |
| 28. PRODUCTION | | | | | |
| Date First Production 3-28-07 | | Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing | | Well Status (Prod. or Shut-in) Producing | |
| Date of Test 4-01-07 | Hours Tested 24 hrs. | Choke Size Open | Prod'n For Test Period Oil - Bbl 0 | Gas - MCF 204 | Water - Bbl --- |
| Flow Tubing Press 50 psi | Casing Pressure Zero | Calculated 24-Hour Rate Oil - Bbl Zero | Gas - MCF 204 | Water - Bbl Zero | Oil Gravity - API - (Corr.) N/A |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc) SOLD | | | | | Test Witnessed By |
| 30. List Attachments Set of Logs | | | | | |
| 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 <div style="display: flex; justify-content: space-between;"> <div> Signature <u>Donnie E. Brown</u> E-mail Address eng@purvisop.com </div> <div> Printed Name Donnie E. Brown </div> <div> Title Petroleum Engineer </div> <div> Date 8-28-2007 </div> </div> | | | | | |

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

| Southeastern New Mexico | | | Northwestern New Mexico | |
|-------------------------|------------------|--------|-------------------------|------------------|
| T. Anhy | T. Canyon | | T. Ojo Alamo | T. Penn. "B" |
| T. Salt | T. Strawn | 10,193 | T. Kirtland-Fruitland | T. Penn. "C" |
| B. Salt | T. Atoka | 10,532 | 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 | T. Gr. Wash | | T. Morrison | T. |
| T. Tubb | T. Delaware Sand | | T. Todilto | T. |
| T. Drinkard | T. Bone Springs | | T. Entrada | T. |
| T. Abo | T. Morrow Sand | 11,255 | T. Wingate | T. |
| T. Wolfcamp 9,004 | T. | | T. Chinle | T. |
| T. Penn | T. | | T. Permian | T. |
| T. Cisco (Bough C) | T. | | T. Penn "A" | T. |

OIL OR GAS SANDS OR ZONES

No. 1, from.....11,370..... to 11,672

No. 3, from.....to.....

No. 2, from..... to.

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from to feet

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To | Thickness In Feet | Lithology |
|--------|--------|----------------------|---------------------------|
| 9350 | 10,550 | 1200 | Limestone and Shale |
| 10,550 | 10,720 | 170 | Limestone, Shale and Sand |
| 10,720 | 11,150 | 430 | Limestone and Shale |
| 11,150 | 11,755 | 605 | Sand, Shale and Limestone |

AUG 30 2007
OCD-ARTESIA

Purvis Operating Co.

3101 North Pecos Street – Midland, 79705

E-mail: land@purvisop.com
Mailing: P. O. Box 51990
Midland, Texas 79710-1990
Phone: (432) 682-7346
Fax: (432) 683-9584

August 29, 2007

Oil Conservation Division
District II
1301 W. Grand Avenue
Artesia, NM 88210

Re: Esperanza 22 State Com #2
Eddy County New Mexico

Gentlemen:

Enclosed please find the following documents for the Esperanza 22 State Com #2 as a Morrow completion:

1. Form C-103
2. Form C-105 – Well Completion
3. Compensated Neutron Photo Density Gamma Ray Log
4. Dual Laterolog Micro Laterolog

Very truly yours,


Donnie E. Brown
Petroleum Engineer

DEB\bao

Enclosures