

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for special instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well sit- conditioned for final inspection looking to approval of the abandonment.

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10,732', 10,733', 10,751', 10,752', 10,753', 10,754', 10,805', 10,819' and 10,819'. Acidized perfs. 10,613'-10,819' with 4500 gallons 15% MS acid with additives. Used 1000 SCF N2/bbl., 45 7/8" RCNCB's. Max 7100#, min. 6300#, ISIP 5250#, 15 min. SIP 4950#, Air 6.9 B/M. 12 hour SITP 2800#. Flowed no fluid, GR 245 MCFD, 11/64" choke, FTP 450#, BP 400#, 8 hours. Set permanent Baker packer as follows:

1 - Baker Mod DB pkr	3.07
1 - Mill out extension	5.65
1 - Xover	5.58
1 - 2-3/8" EUE sub	6.03
1 - Baker Type F profile nipple 2-3/8" OD x 1.78" ID w/plug in place	.92
1 - 2-3/8" EUE mule shoed sub	5.90
Tally	22.15

Set DB pkr at 10,550' to TA Atoka SS zone. Spotted 100 gallons 10% Acetic acid 9624'-9724'. Perforated Wolfcamp with 2 0.48" holes at 9703', 9706', 9709', 9712', and 9716'. Acidized perforations 9703'-9716' with 2500 gallons 15% DS-30 HCL acid with additives. Used 1000 SCF N2/bbl. & 20 7/8" RCNCB's. Pressured annulus to 3000# - ok. Max Press. 8000#, min. 5400#, ISIP 4950#, Air 8.2 B/M. 12 hour SITP 2300#. Flowed 30 bbls. of distillate, GR 652 MCFD, 15 barrels of load water in six hours on 1" choke. FTP 45#. Killed well. Released RTTS. Reset RBP at 9599.56'. Spotted 150 gallons 10% acetic acid from 9419'-9569'. Perforated Upper Wolfcamp with 2 0.48" holes at 9505', 9507', 9509', 9511', and 9513'. Acidized Perfs. 9505'-9513' with 2500 gallons 15% DS-30 acid. Used 1000 SCF N2/bbl. & 20 7/8" RCNCB's. 14 hr. SITP 1950#. Through 20/64" choke in 8 hours, Flowed 21.42 bbls. distillate, no water, GR 1100 MCFD, FTP 1300#, BP 450#. Set 2-7/8" EUE Tbg & Bak lok set packer @ 10,550'. Flowed on 4 point test as follows:

Time	Choke	FTP	Back Press.	Gas Rate
1 hr.	8/64"	1604#	520#	480 MCFD
1 hr.	11/64"	1454#	550#	985 MCFD
1 hr.	14/64"	1315#	555#	1300 MCFD
1 hr.	17/64"	1182#	570#	1740 MCFD

Produced 14 bbls. of 52.6° gravity distillate and no water during 4 hour test with a C.A.O.F. of 2886 MCFD.