UNITED STATES

SUBMIT IN TRIPLICATE* instructions on reForm approx Budget Dures

DEPARTMENT OF THE INTERIOR Verse side) 5. LEASE DESIGNATION AND BURIAL GEOLOGICAL SURVEY SF-078215 6. IF INDIAN, ALLOTTEE OR TRIBE NAME SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different use "APPLICATION FOR PERMIT" for such proposals.) 7. UNIT AGREEMENT NAME WELL WELL OTHER 2. NAME OF OPERATOR 8. FARM OR LEASE NAME Aztec Oil & Gas Company Page 3. ADDRESS OF OPERATOR P. O. Drawer 570, Farmington, New Mexico LOCATION OF WELL (Report location clearly and in accordance with any State require 151, 3 At surface OIL CON. COM. 10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde 910 FSL & 815 FWL 11. SEC., T., E., M., GR BLK. AND SURVEY OR AREA Section 18-32N-10W Section 18-32N-10W 2. COUNTY OR PARISH 13. STATE 14. PERMIT NO. 15. ELEVATIONS (Show whether Dr. RT. GR. etc.) 12. COUNTY OR PARISE 6217 DF San Juan New Mexico 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF REPAIRING WELL FRACTURE TREAT MULTIPLE COMPLETE FRACTURE TREATMENT ALTERING CASING SHOOT OR ACIDIZE ABANDON* SHOOTING OR ACIDIZING ABANDONMENT* REPAIR WELL CHANGE PLANS (Other) (Note: Report results of multiple completion on Weil Completion or Recompletion Report and Log form.) (Other)

- 17. DESCRIBE PROPOSED OR COMPLETED OPPLIATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*
 - Rigged up. Set choke at 4765'. Installed blow out preventor. Pulled 10-7-71 on tubing, tubing stuck, worked tubing for 4 hours, pulled into. Recovered 4891' of tubing, left 600' tubing in hole. Ran junk basket and casing inspection log.
 - Ran bond log, showed fair bond. Ran EZ drill, set at 4209'. Cmt with 10-8-71 300 sxs class "A", $12\frac{1}{2}$ # gilsonite, 4% gel. Squeezed off with 3000#. Ran whipstock, set at 4202'
 - 10-9-71 Milled window from 4202-4215.
 - 10-10-71 Drilling at 4849', Dev $4\frac{1}{2}$ degrees at 4849'.
 - 10-11-71 Drilling at 5495', Dev 3 degrees at 4849, Dev 2 degrees at 4911', Dev-2 degrees at 4965', Dev 2 degrees at 5025'.
 - Drilling to TD 5590'. Dev 2 degrees at 55.00'. Ran 46 jts of $4\frac{1}{2}$, 10.50# 10-12-71 casing, Total 1494'. Shoe and collar set at 5567'. Liner hanger set at 4060'. Cmt with 85 sxs class "A" $12\frac{1}{2}$ # gilsonite, 4% gel; 45 sxs class "A" Plug down at 4:30 PM.
 - Tested top liner, pumped in at 800#. Set RTTS packer at 3914'. Squeezed 10-13-71 with 150 sxs class "A", 2% Cacl. Squeezed to 3000#, WOC
 - Drilling cmt with 6-3/4" bit from 3967-4088. Pressure tested to 2500#, 10-14-71 tested ok. Trip for 3-7/8" bit. Drilling cmt from 4088-4567.

(CONTINUED BACK SIDE) 18. I herely certify that the foregoing is true and correct District Superintendent DATE Ocotber 21, 1971 (This space for Federal or State office use)

APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

date 🚣

to applice? . to application in the research belyned for solvelven in the perform certain well operations, and reports or such operations where comparent, it is not the profession all lands in very later, but the health is the performant for a special in the diods concerning the new of this form and the new of regions to be submitted, particularly beneform the profession profession in the submitted particular the submitted particular the study or will be issued by, or may be obtained and, or lead of the end and/or Stave or such operations where comcertain well operations, and reports of eral and Indian best as a State law and region, 187 show, loverly area, or region of pro-

to Indian land should be described in accordance with Nederal regainment on 4: 15 Cocare to apple the state regulious and beations on Per sec for epocition, transform, or Peder

In addition, seek propagate and reports should include reasons for the transformed of processor productive zones, or other zones with present standering to the respect to the processor productive contents as sealed of by coment or otherwise; depths (to, and 1 pethod of phacement of cenent, plugs; must or other nested placed below, between above plugs; ane and, size, method of parting of any easing blue, or tubing pethod of any the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for fact inspection tooking to approval of the abendonment. Hem 17: Preposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices.

10-15-71

10-16-71

10-17-71

62550 - 71 10- 133 - 71

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10-20-71

U.S. GOVERNAL PUT

Drilling at 5240' in hard cmt. Drilled cmt to 5570'. Tripped out to pick up casing Ran scraper to 5570'. Flushed hole 7500 gals water. Pressure tested to 2500#, tested ok, Spotted 150 gals 7% acid. Tripped out. Ran bond log and corrosion log. Bond ok. Perf 2 shots per ft - 5516-36, 5248-68, 5220-36, 5192-5200. Fraced with 55,220 gals water, 40,000# 20/40 sand, 30,000# 10/20 sand. Breakdown pressure 2600#, Avg pressure 2300#, Avg Inj rate 46 BPM, Max pressure 2800#, Dropped one set of 40 balls. Pressure increased to 800#, formation broke back; dropped one set of 20 balls, balled off, sanded off. Went in hole with tubing and bit, found top of sand at 4150'. Cleaned out to 5077'. Circ for Set speed line Bridge Plug at 4950. 2 hours, tripped out. Perf 2 shots per ft - 4862-76, 4834-50, 4798-14. not breakdown. Tripped in, spotted 200 gals 15% water. Fraced with 50,800 gals water, 50,000# 20/40 sand. Breakdown pressure 2400#, Avg pressure 1800#, Avg rate 68 BPM, Max pressure 2800#. Dropped 64 ball. good action, ISIP - vacuum.

Went in hole, blowing down, blowing on top. pressure 4950#.

Drilling out bridge plug at 4950'. Cleaned out to 5570'. Blowing well.

Ran 171 jts of 2-3/8" tubing, landed at 5230' KB.