5**05.14**

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Learning Santa Fe
Learning SF C78-357
Unit Faraball Sentle

SUNDRY NOTICES AND REPORTS ON WELLS

| | SUBSEQUENT REPORT OF WATER SHUT OF S. | 33k |
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| | SUBSEQUENT REPORT OF SHOOTING OR ACADI | · • |
| i | SUBSEQUENT REPORT OF ALTERING CASING . | |
| | SUBSEQUENT REPORT OF RE-DRILLING OR RE | PAIF. |
| IOTICE OF INTENTION TO SHOOT OR ACIDIZE | SUBSEQUENT REPORT OF ABANDONMENT | |
| NOTICE OF INTENTION TO ABANDON WELL | | XX |
| (INDICATE ABOVE BY CHECK MARK NATU | RE OF REPORT, NOTICE, OR OTHER DATA | |
| | bbs, New Mexico - October | 30 9 62 |
| wrshall Gentle ell No is located 1650 ft. from $\frac{1}{1}$ | line and 1650 ft. from $\frac{\mathbf{K}}{\mathbf{W}}$ li | ne of sec. |
| /4 S=/4 Sec. 14 27 - N 9 - 1/2 Sec. and Sec. No.) (Twp.) (Range | N N.F. N. | TO BE OF ME |
| Anco desa Verde San Juan (County or Subd | New Mext | r.tory) |
| ne elevation of the derrick floor above sea level is | ft. | |
| ic sic ration of the addition floor also to see its see | · · · · · · · · · · · · · · · · · · · | |
| DETAILS | OF WORK | |
| DETAILS (| | |
| ate names of and expected depths to objective sands; show sizes, wei | ghts, and lengths of proposed casings; indicating proposed works | |
| rate names of and expected depths to objective sands; show sizes, we ing points, and all other is a pudded September 29, 1962. Set 8—XX sacks. Cement circulated to surface | ghts, and lengths of proposed casings; indicate apportant proposed works 5/8" OD casing at 229 and Flug down at 7:15 f. K. | emented with |
| DETAILS (tate names of and expected depths to objective sands; show sizes, we ing points; and all other is ell spudded September 29, 1962. Set 8— 00 sacks. Cement circulated to surface 962. 4.0.C. 24 hours. Casing shut off | ghts, and lengths of proposed casings; indicate apportant proposed works 5/8" OD casing at 229 and Flug down at 7:15 f. K. | emented with |
| tate names of and expected depths to objective sands; show sizes, we ing points, and all other is all spudded September 29, 1962. Set 8—20 sacks. Cement circulated to surface | ghts, and lengths of proposed casing; indicate apportant proposed work: 5/8" OD easing at 229' and Flug down at 7:15 F.K. tested OK. 7, 1962. Set 4-1/2" OD easing with 250 secks. Temp " OD easing at 3255'. Com S. Cement circulated. Com 48 hours. Drilled out " Shut off tested OR. Dr -1/2" OD easing 4507-4518' | semented with September 29, sing at 4556! serature survey mented 2nd stage supleted cement-1DV" tool at 111ed out cement, 4524-4540!, I down 4-1/2" |
| cate names of and expected depths to objective sands; show sizes, we ing points, and all other is old spudded September 29, 1962. Set 8—20 sacks. Cement circulated to surface 262. 3.9.C. 24 hours. Casing shut off the ched total depth of 4656' on October 15th "IW" tool at 2410'. Cemented 1st sudicated top of cement outside of 4—1/2 arough "DW" tool at 2410' with 550 sacking at 9:30 F.M. October 8, 1962. W.O.C. 10' and tested to 1500f for 15 minutes 4630'. F.B.T.D. 4630'. Perforated 4.548—4.560' & 4574—4584' for a total of 4.556 sain through perforation. Tunderstand that this plan of work must receive approval in writing 10 sain through perforation. | ghts, and lengths of proposed casing ; indicate apportant proposed work: 5/8" OD easing at 229' and Flug down at 7:15 F.X. tested OK. 7, 1962. Set 4-1/2" OD eatage with 250 secks. Temp " OD easing at 3255'. See 5. Cement circulated. Co. 48 hours. Drilled out " Shut off tested OR. Dr. -1/2" OD easing 4507-4518' 9' and 196 holes. Treated (See Reverse S | semented with September 29, sing at 4556! serature survey sented 2nd stage supleted cement—120" tool at 111ed out cement, 4524—4540!, I down 4-1/2" side) |
| ate names of and expected depths to objective sands; show sizes, we ing points, and all other is all spudded September 29, 1962. Set 8—100 sacks. Cement circulated to surface 162. 1.9.C. 24 hours. Casing shut off the ched total depth of 4656' on October 16 11W" tool at 2410'. Cemented 1st sudicated top of cement outside of 4—1/2 arough "DW" tool at 2410' with 550 sack 12 at 9:30 P.M. October 8, 1962. W.O.C. 10' and tested to 1500f for 15 minutes 4630'. Perforated 448—4560' & 4574—4584' for a total of 448—4560' & 4574—4584' for a total of 448 ising through perforation | ghts, and lengths of proposed casing ; indicate apportant proposed work: 5/8" OD easing at 229' and Flug down at 7:15 F.X. tested OK. 7, 1962. Set 4-1/2" OD eatage with 250 secks. Temp " OD easing at 3255'. See 5. Cement circulated. Co. 48 hours. Drilled out " Shut off tested OR. Dr. -1/2" OD easing 4507-4518' 9' and 196 holes. Treated (See Reverse S | semented with September 29, sing at 4556! serature survey sented 2nd stage supleted cement—120" tool at 111ed out cement, 4524—4540!, I down 4-1/2" side) |
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4507-4560' (intervals) with 50,000 water, 50,000 #20/40 sand and 160 bell sealers by the Western Company.

After 3 hour flow period gas measured 1665 MCF per day flowing through 2" tubing 3/4" positive choke for a calculated AOF potential of 1892 MCF per day, C.F. 427#. T.F. 131#.