Form 9-881 a (Feb. 1951)



## (SUBMIT IN TRIPLICATE)

## UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

| Approval e   | expires 12-31-60. |  |
|--------------|-------------------|--|
| Lease No. NM |                   |  |
| Unit         | *************     |  |

## SUNDRY NOTICES AND REPORTS ON WELLS

| NOTICE OF INTENTION TO CHANGE PLANS.  NOTICE OF INTENTION TO TEST WATER SHUT-OFF.  NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL  NOTICE OF INTENTION TO SHOOT OR ACIDIZE.  NOTICE OF INTENTION TO BANDON WELL  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  September 21,  Subsequent report of Re-Drilling or Repair.  Subsequent report of Abandonment.  Subs | NOTICE OF IN   |  |   |  |   | []   | SUBSEOUF                            | NT REPO                                  | HRT OF W  | ATER SHILL   | /T-OFF                                   | ·  |                                      |                              |
|--|--|--|---|--|---|--|-------------------------------------|--|---|--|--|--|--------------------------------------|------------------------------|
| SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR WELL NOTICE OF INTENTION TO SHOOT OR ACIDIZE NOTICE OF INTENTION TO SHOOT OR ACIDIZE NOTICE OF INTENTION TO PULL OR ALFER CASING NOTICE OF INTENTION TO ABANDON WELL  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  September 21,  Buff-Govertweelit ell No. 1-A is located 370 ft. from Special Subsequent Report of Report, Notice, or other DATA)  September 21,  SW/4 - 22 24 North 1 West NMFN  (If Sec. and Sec. No.)  (Twp.)  (Range) (Range) (Pield)  (County or Subdivision)  Rie Arriba  New Mexico (Station Tenebry 2)  The elevation of the derrick floor above sea level is 7332 ft.  DETAILS OF WORK  ats names of and expected depths to objective sands; show sizes, weights, and langths of proposed casings; indicate mudding jobs, completed to the important proposed work)  Subject well spudded 9-9-60. Brilling completed 9-23-60. 8 5/87 casing 24 at 1001, comented with 75 sacks. 4 1/27 casing set at 30101 comented 75 sacks. T.B. 30101. Pictured Cliffs sand top 29401. Pictured Cliffs 12 2960-801. Perforsted 2960-80 with 40 holes. Fraced with 40,000 gallons with 10 holes. Fraced with 40,000 gallons with 10 holes.  |  | NTENTION T   | O CHANGE PLAN   | S  |   |  | -                                   |  |   |  |  | •  |                                      |                              |
| SUBSEQUENT REPORT OF ABANDONMENT.  SUBSEQUENT REPORT OF ABANDONMENT.  SUBSEQUENT REPORT OF ABANDONMENT.  SUPPLEMENTARY WELL HISTORY.  NOTICE OF INTENTION TO ABANDON WELL.  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  September 21,  Buff-Government  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  September 21,  Buff-Government  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  September 21,  Buff-Government  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  September 21,  Buff-Government  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  September 21,  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  September 21,  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  September 21,  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  September 21,  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  September 21,  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  September 21,  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  September 21,  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  September 21,  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  September 21,  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT AND ABOVE BY CHECK MARK NATURE OF REPORT AND ABOVE BY CHECK MARK NATURE OF REPORT AND ABOVE BY CHECK MARK NATURE OF REPORT A |  | NTENTION T   | O TEST WATER S  | HUT-OFF                                      | F   |  | -                                   |  | -   |  |  | _  |                                      |                              |
| Supplementary well history  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  September 21,  Buff-Goververent  ell No. 1-A is located 370 ft. from S line and 1720 ft. from W line of sec. 2  SW/4 - 22 24 North 1 West NMFN  ((Yes. and Sec. No.) (Range) (Meridian)  Undesignated (Pield) (County or Subdivision) (State or Text 1972)  the elevation of the derrick floor above sea level is 7332 ft.  DETAILS OF WORK  ate names of and expected depths to objective sands, show sizes, weights, and lengths of proposed casings; indicate mudding jobs, on ing points, and all other important proposed work)  Subject well spudded 9-9-50. Brilling completed 9-23-60. 8 5/8" casing 24 set at 100°, comented with 75 sacks. 4 1/2" casing set at 3010° comented 75 sacks. 7.B. 3010°. Pictured Cliffs sand top 2940°. Pictured Cliffs 12 2960-80°. Perforated 2960-80 with 40 holes. Fraced with 40,000 gallons with 10 holes.  | NOTICE OF IN   | NTENTION TO  | O RE-DRILL OR   | REPAIR Y                                     | WELL  |  | SUBSEQUE                            | NT REPO                                  | RT OF RE  | -DRILLIN   | G OR                                     | REPAIR   |                                      |                              |
| (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  September 21,  Buff-Goveryment  ell No. 1-A is located 370 ft. from S line and 1720 ft. from W line of sec. 2  SW/4 - 22 24 North 1 West NMPK  (Yeso, and Sec. No.) (Twp.) (Range) (Meridian)  We designated Rio Arriba (State or Technology 2)  The elevation of the derrick floor above sea level is 7332 ft.  DETAILS OF WORK  ate names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, coing points, and all other important proposed work)  Subject well spudded 9-9-60. Brilling completed 9-23-60. 8 5/8" casing 24 at 100°, comented with 75 sacks. 4 1/2" casing set at 3010° cerevited 75 sacks. 7.B. 3010°. Pictured Cliffs and top 2940°. Pictured Cliffs 12 2960-80°. Perforsted 2960-80 with 40 hales. Fraced with 40,000 gallons   | NOTICE OF I  | NTENTION T   | O SHOOT OR AC   | IDIZE  |   |  | SUBSEQUE                            | NT REPO                                  | RT OF AE  | ANDONMI  | ENT                                      |  |                                      |                              |
| September 21,  Buff-Govervment  (ell No. 1-A is located 370 ft. from [N] line and 1720 ft. from [W] line of sec. 2  SW/L - 22  | NOTICE OF I  | NTENTION TO  | O PULL OR ALTE  | R CASIN                                      | G   | 8  | SUPPLEME                            | NTARY V                                  | VELL HIST   | ORY  |  |  |                                      |                              |
| Buff-Government  [ell No. 1-A is located 370 ft. from [N] line and 1720 ft. from [E] line of sec. 2  SW/4 - 22   | NOTICE OF IN   | NTENTION TO  | O ABANDON WEL   | L  |   |  |                                     |  |   |  |  |  |                                      |                              |
| Buff-Government  ell No. 1-A is located 370 ft. from [N] line and 1720 ft. from [E] line of sec. 2  SW/4 - 22 24 North 1 West NMPK  (% Sec. and Sec. No.) (Twp.) (Range) (Meridian)  Undesignated Rio Arriba New Mexico  (Field) (County or Subdivision) (State or Technico 2)  the elevation of the derrick floor above sea level is 7332 ft.  DETAILS OF WORK  ate names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, coing points, and all other important proposed work)  Subject well spudded 9-9-60. Brilling completed 9-23-60. 8 5/8" casing 24 set at 100°, cemented with 75 sacks. 4 1/2" casing set at 3010° cemented 75 sacks. 7.3. 3010°. Pictured Cliffs sand top 2940°. Pictured Cliffs 12960-80°. Perforated 2960-80 with 40 hales. Fraced with 40,000 gallons with 10 hales.   |  |  | (INDICATE A   | BOVE BY                                      | CHECK MA  | ARK NATUR                                      | E OF REP                            | ORT, NOT                                 | ICE, OR O   | THER DAT   | rA)                                      |  |                                      |                              |
| ell No. 1-A is located 370 ft. from [N] line and 1720 ft. from [W] line of sec. 2  SW/4 - 22 24 North 1 West NMPN  (6 Sec. and Sec. No.)  Undesignated Rio Arriba New Mexico  (Field) (County or Subdivision)  Re elevation of the derrick floor above sea level is 7332 ft.  DETAILS OF WORK  ate names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, coing points, and all other important proposed work)  Subject well spudded 9-9-50. Drilling completed 9-23-60. 8 5/8" casing 24 set at 100°, comented with 75 sacks. 4 1/2" casing set at 3010° comented 75 sacks. 7.B. 3010°. Pictured Cliffs sand top 2940°. Pictured Cliffs 12960-80°. Perforeted 2960-80 with 40 holes. Fraced with 40,000 gallons were said to the same of t |  |  |   |  |   | *  |                                     | Septe                                    | mber  | 21,  |  |  |                                      | . 19                         |
| SW/4 - 22  24 North 1 West  (14 Sec. and Sec. No.)  Undesignated  (Field)  (County or Subdivision)  (County or Subdivision)  (State or Tensor)  DETAILS OF WORK  ate names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cering points, and all other important proposed work)  Subject well spudded 9-9-50. Drilling completed 9-23-60. 8 5/8" casing 24 set at 100°, comented with 75 sacks. 4 1/2" casing set at 3010° comented 75 sacks. 7.3010°. Pictured Cliffs sand top 2940°. Pictured Cliffs 12960-80°. Perforated 2960-80 with 40 holes. Fraced with 40,000 gallons were   | Du   | ff-Gove  | rment   |  |   |  |                                     |  |   |  |  |  |                                      | •                            |
| SW/4 - 22  24 North 1 West  (4 Sec. and Sec. No.)  (Twp.)  (Range)  (Rich Arriba  (County or Subdivision)  (Read or Tensor)  (Pield)  (County or Subdivision)  (Stati or Tensor)  (Stati | ell No   | 1-A  | is located  | 870  | ft. fr  | $\mathbf{om}_{}iggl\{ \mathbf{\hat{N}} iggr\}$ | line a                              | nd <u>1</u>                              | 720 ft  | . from   |  | line o   | f sec.                               | 22                           |
| (Field)  (County or Subdivision)  (Stati or Techtop) 2  The elevation of the derrick floor above sea level is  |  | 22   |   | 24   | North   | l Wes  | st                                  |  | NMPN  | í  | . /                                      |  | 4                                    |                              |
| (Field) (County or Subdivision) (Stat or Totalos)  The elevation of the derrick floor above sea level is 7332 ft.  DETAILS OF WORK  In a names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, co- ling points, and all other important proposed work)  Subject well spudded 9-9-60. Drilling completed 9-23-60. 8 5/8" casing 24  set at 100', comented with 75 sacks. 4 1/2" casing set at 3010' comented  75 sacks. T.B. 3010'. Pictured Cliffs sand top 2940'. Pictured Cliffs p   | (1/2 Bec.  | s, and Sec. No   |   | (Tw  |   |  |                                     |  | (Meridian   | ı)<br>Nev  | , He                                     | Heo  | أ دهني                               |                              |
| DETAILS OF WORK  ate names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, co- ing points, and all other important proposed work)  Subject well spudded 9-9-50. Drilling completed 9-23-60. 8 5/8" casing 24 set at 100°, comented with 75 sacks. 4 1/2" casing set at 3010° comented 75 sacks. T.B. 3010°. Pictured Cliffs sand top 2940°. Pictured Cliffs p  |  |  |   |  |   |  |                                     |  |   |  |  |  | 7                                    | 177                          |
| 35,000# sand. Breakdown pressure 2100#. Treatment pressure 1600#. Injected 32 BPM. Ran 1" tubing to 2951*. Ran 3 hour Back pressure test   |  |  | mudded Q  | -o-kn  | . Dri   | illing   | compl                               | eted                                     | 9-23-   | -60. <b>8</b>  | 5/                                       | <b>811</b> CI  | aing                                 | 24#                          |
|  | met at<br>75 sack<br>2960-80<br>35,000#<br>rate 32<br>April 2            | 100', (<br>(s. T.)<br>)'. Per<br>  sand.<br>  3PM.<br>  1961   | comented to<br>9. 30101.<br>rforsted :<br>Breakdon                          | vith<br>Pic<br>2960-<br>vn pr<br>whing       | 75 sactured 80 with tessure to 29                         | Cliffe th 40 l 2100/                           | s sand<br>holes.<br>F. 1<br>Ran 1   | top<br>Frati<br>how                      | 29401<br>Iced 1<br>Ient 1<br>I' Back  | t at<br>. Pi<br>rith 4<br>pressor<br>pres  | ire                                      | ired (<br>100 ga<br>1600/<br>e tea   | iliff<br>illon<br>f. I<br>st         | s pa<br>s wa<br>njec         |
|  | set at<br>75 sack<br>2960-80<br>35,000#<br>rate 32<br>April 2<br>Water S | 100†, (6.8. T.) (7. Per   5.8. S.) (8.3 T.) (8.3 T.) (9.196) (9.196) (1.196) (1.196) (1.196) (1.196) (1.196) (1.196) (1.196) (1.196) (1.196) (1.196) (1.196) | semented ()  30101.  rforzted ()  Breakdon  Ran 1" to  1. Tested  10-28301. | with Pic<br>2960-<br>wn pr<br>whing<br>d 270 | 75 sac<br>stured<br>80 wit<br>essure<br>to 29<br>0 MCFI   | Cliff<br>th 40 l<br>2100<br>751 .<br>O. Ch     | s sand<br>holes.<br>Fan 3<br>erts s | top<br>top<br>Fri<br>reat<br>how<br>ttac | 2940'<br>need neet property and the second seco | t at<br>Pidth in<br>Pressure pres<br>Well  | ire<br>ssur<br>shu                       | ired (100 ga<br>1600á<br>re tea<br>it in,  | Cliff<br>illon<br>F. I<br>st<br>, ne | s pa<br>s wa<br>njec<br>pipe |
| I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced impany  | set at<br>75 sack<br>2960-80<br>35,000#<br>rate 32<br>April 2<br>Water S | 100†, (6.8. T.) (7. Per   5.8. S.) (8.3 T.) (8.3 T.) (9.196) (9.196) (1.196) (1.196) (1.196) (1.196) (1.196) (1.196) (1.196) (1.196) (1.196) (1.196) (1.196) | semented ()  30101.  rforzted ()  Breakdon  Ran 1" to  1. Tested  10-28301. | with Pic<br>2960-<br>wn pr<br>whing<br>d 270 | 75 sac<br>stured<br>80 wit<br>essure<br>to 29<br>0 MCFI   | Cliff<br>th 40 l<br>2100<br>751 .<br>O. Ch     | s sand<br>holes.<br>Fan 3<br>erts s | top<br>top<br>Fri<br>reat<br>how<br>ttac | 2940'<br>need neet property and the second seco | t at<br>Pidth in<br>Pressure pres<br>Well  | ire<br>ssur<br>shu                       | ired (100 ga<br>1600á<br>re tea<br>it in,  | Cliff<br>illon<br>F. I<br>st<br>, ne | s pa<br>s wa<br>njec<br>pipe |
| ompany SHAR-ALAN OTL COMPANY  Idress 1402 Denver U.S. National Center  | set at<br>75 sack<br>2960-80<br>35,000#<br>rate 32<br>April 2<br>Water S | 1001, (6.8. T.) (1. Per sand.) (2. SPM.) (3. 196) (4. SMAR-) (4. SMAR-)  | Breakder Ran 1" to L. Tester LO-2830*.                                      | Pic<br>2960-<br>wn pr<br>whing<br>d 270      | 75 sac<br>stured<br>80 with<br>essure<br>to 29<br>10 MGFI | cliffich 40 le 2100g                           | s sand<br>holes.<br>Ran 3<br>erts s | top<br>top<br>Fri<br>reat<br>how<br>ttac | 2940'<br>need neet property and the second seco | t at<br>Pidth in<br>Pressure pres<br>Well  | ire<br>ssur<br>shu                       | ired (100 ga<br>1600á<br>re tea<br>it in,  | Cliff<br>illon<br>F. I<br>st<br>, ne | s pa<br>s wa<br>njec<br>pipe |
| ompany SHAR-ALAN OIL COMPANY   | set at 75 sack 2960-80 35,000# rate 32 April 2 Water S                   | 1001, (6.8. T.) (1. Per sand.) (2. SPM.) (3. 196) (4. SMAR-) (4. SMAR-)  | Breakder Ran 1" to L. Tester LO-2830*.                                      | Pic<br>2960-<br>wn pr<br>whing<br>d 270      | 75 sac<br>stured<br>80 with<br>essure<br>to 29<br>10 MGFI | cliffich 40 le 2100g                           | s sand<br>holes.<br>Ran 3<br>erts s | cas: top Freati how ttac                 | 2940'<br>need neet property and the second seco | t at<br>Pidth in<br>Pressure pres<br>Well  | ire<br>ssur<br>shu                       | ired (100 ga<br>1600á<br>re tea<br>it in,  | Cliff<br>illon<br>F. I<br>st<br>, ne | s pa<br>s wa<br>njec<br>pipe |
| ompany SHAR-ALAN OIL COMPANY  Idress 1402 Denver U.S. National Center  Benver, Colorade  | set at<br>75 sack<br>2960-80<br>35,000#<br>rate 32<br>April 2<br>Water S | 1001, (6.8. T.) (1. Per sand.) (2. SPM.) (3. 196) (4. SMAR-) (4. SMAR-)  | Breakder Ran 1" to L. Tester LO-2830*.                                      | Pic<br>2960-<br>wn pr<br>whing<br>d 270      | 75 sac<br>stured<br>80 with<br>essure<br>to 29<br>10 MGFI | cliffich 40 le 2100g                           | s sand<br>holes.<br>Ran 3<br>erts s | cas: top Freati how ttac                 | 2940'<br>need neet property and the second seco | of at Pidth A Press Press Well Press Well Appres Ap | Ctu<br>W, O<br>ire<br>saux<br>shu<br>shu | lood (100 gallood) to take the | cliff<br>illon<br>it<br>ne           | s pa<br>s wa<br>njec<br>pipe |