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Date 1/2, Jan. 12,  
 1924, 1924, San Juan  
 County, New Mexico

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## SUMMARY OF NOTICES AND REPORTS ON WELLS

1. FIELD OR EXTENSION	2. INCIDENT REPORT
3. WELL IDENTIFICATION	4. INCIDENT REPORT - ABANDONING OF WELL OR
5. INCIDENT EXTENSION	6. INCIDENT REPORT - DRILLING CASING
7. INCIDENT IDENTIFICATION	8. INCIDENT REPORT - DRILLING OR REPAIR
9. INCIDENT EXTENSION	10. INCIDENT REPORT - ABANDONMENT
11. INCIDENT IDENTIFICATION	12. INCIDENT REPORT - ABANDONMENT
13. INCIDENT EXTENSION	14. INCIDENT REPORT - ABANDONMENT
15. INCIDENT IDENTIFICATION	16. INCIDENT REPORT - ABANDONMENT
17. INCIDENT EXTENSION	18. INCIDENT REPORT - ABANDONMENT
19. INCIDENT IDENTIFICATION	20. INCIDENT REPORT - ABANDONMENT
21. INCIDENT EXTENSION	22. INCIDENT REPORT - ABANDONMENT
23. INCIDENT IDENTIFICATION	24. INCIDENT REPORT - ABANDONMENT
25. INCIDENT EXTENSION	26. INCIDENT REPORT - ABANDONMENT
27. INCIDENT IDENTIFICATION	28. INCIDENT REPORT - ABANDONMENT
29. INCIDENT EXTENSION	30. INCIDENT REPORT - ABANDONMENT
31. INCIDENT IDENTIFICATION	32. INCIDENT REPORT - ABANDONMENT
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95. INCIDENT IDENTIFICATION	96. INCIDENT REPORT - ABANDONMENT
97. INCIDENT EXTENSION	98. INCIDENT REPORT - ABANDONMENT
99. INCIDENT IDENTIFICATION	100. INCIDENT REPORT - ABANDONMENT

DATE OF REPORT AND TIME OF DATA

Order 2

100

With the exception of the first two items, all other items are from the file of records maintained by the FBI at New Orleans.

02/24/2000

24

1.  $\frac{1}{2}$

1994

**Figure 1**

1988

100-441100

The elevation of the house is about sea level. **413** ft.

### DETAILS OF WORK

(Statement of objectives, including a description of the scope, nature, and length of proposed course; important reading jobs, course materials, and other important proposed work.)

44-19304-104

1. Cement grout 100% 100% 100% grouting from 2500 to 3000 - 1/2" grout. 500 cubic cement.
2. Run 100% grout and set off 7" casing at lowest point above 2500 feet.
3. Set cement in the rock plug and attempt to whipstock hole w/ 3-1/4" bit.
4. Set 7" 100% 100% grouting from 2500 to 3000 feet formation at 3000 feet and cement 100% 100% cement.
5. One drill run 2500 ft. from base Verde formation to T.O. at 2500 ft.
6. Run 7" 100% 100% grouting as a liner to T.O.
7. Perforated and sandstone formation from Verde formation to stimulate production.
8. Run 7" 100% 100% 100% tubing and complete well.

1. substantial work on the low-level crustal correlation approved in writing by the Geological Survey before operations may be commenced.

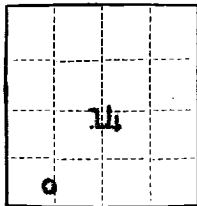
Company WILLIAM S. BATES COMPANY

Address

100

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Drilling Superintendent



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe

Lease No. 078505

Unit W/2, Sec. 14,  
T-31N, R-9W, San Juan Cty.  
New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR..... <b>XX</b>
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 10, 1960

Well No. 6 Synour is located 790 ft. from IX line and 1035 ft. from IX line of sec. 14

SW/4, S4/4, Sec. 14 31N 9W N.M.P.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Blanco Mesa Verde San Juan County New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6215 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

1. Set Baker Model "C" 7" cast iron cement retainer at 2520 ft. Squeezed parted 7", 20#, J-55 casing from 2692-2698 ft. w/500 sacks, 50-50 pennix, 6% gel, 1# floreal/sack. Job complete 6:00 P.M. 9/19/60. Ran temp. survey top of cement 1600 ft. Re-squeeze below retainer on 9/20/60 w/100 sacks regular cement. Max. squeeze press. 1200 psi.
2. Perf. 4 holes in 7" Cas. from 2369-2370 ft. on 9/21/60. Squeeze thru holes w/150 sacks regular cement. Max sq. press. 2500 psi.
3. Cut off 7", J-55, 20# cas. at 1010 ft. and pulled from hole.
4. Spotted 15# sand, 2% HA-5, cement plug from 1010 ft. to 850 ft. on 9/25/60.
5. Went in hole w/8-3/4" bit dressed off top of plug to 960 ft. Went in hole w/hard formation knuckle joint and 3-7/8" bit and 6 1/4" reamer. Drilled side-track hole to 960 ft. Dev. 7 1/2 deg. at 980 ft. Went in hole w/rat hole follower and 8-3/4" hole opener. (Continued on back side)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company SOUTHERN UNION GAS COMPANY

Address P. O. Box 308

Farmington, New Mexico

By G. D. Noland, Jr.

Title Drilling Superintendent

- Box on bottom hole collar broke allowing rat hole follower and 8-3/4" hole opener in hole.
6. Went in hole and spotted 125 sacks 15% sand, 2% HA-5 cement plug from 881 ft. to 776 ft. on 9/30/60.
  7. Went in hole with 8-3/4" bit dressed off top of plug to 723 ft. circulated and conditioned mud and hole. Prepared to whipstock.
  8. Went in hole w/8" 3 degree whipstock set at 723 ft. Drld. 6-5/8" pilot hole to 738'. Came out of hole, went in hole with hole opener and 8-3/4" reamer. Reamed 6-5/8" hole to 738 ft.
  9. Went in hole w/8-3/4" bit and 8-3/4" bottom hole reamer. Drilled to 745 ft. slope test 1 1/2 deg @ 745 ft. Drilled to 780 ft. slope test 1 1/2 deg. @ 780 ft. Came out of hole, stood drill collars back. Went in hole w/8-3/4" bit and 8-3/4" bottom hole reamer on bottom of drill pipe. Drilled to 813 ft. slope test 4 deg. @ 813 ft. Came out of hole picked up 3 drill collars. Drilling at 921 ft. in whipstock hole.
  10. Drilling ahead. 3 1/2 deg. @ 1178., 2 1/4 deg. @ 1600 ft. 2-3/4 deg. @ 2004 ft., 3 deg. @ 2600 ft.
  11. T.D. @ 3350 ft. prep to run 7" csg. Ran 106 jts. 7" O.D. 20.00#, J-55 Csg. set at 3350.42 ft. R.K.B. Cemented w/17 1/4 cu. ft. 50-50 pozmix, 6% gel. 12 1/4# gilsonite per sack and 75 sacks 2% gel. Plug down at 2:00 P.M. 10/12/60.
  12. Ran temperature survey top of cement at 1600 ft.
  13. Drill ahead. 3-3/4 deg. @ 3435 ft., 3-3/4 deg. @ 4800 ft.
  14. T.D. 5690 ft. Prep to run 5" liner. Ran 80 jts. 5" OD., 15.00#, J-55 Csg. Landed at 5689.70 ft. R.K.B. top of liner at 3158.70 ft. Cemented w/390 cu. ft. 50-50 pozmix, 4% gel. 12 1/4# fine gilsonite. Plug down at 3:30 P.M. 10/17/60.
  15. Clean out to 3159 ft. w/6 1/2" bit to top of liner. Went in w/4 1/2" bit and clean out to float collar @ 5657 ft.
  16. Pressure up on liner to 1200 psi. for 30 minutes, pressure held. Ran G.R.-Neutron log.
  17. Perf. 2 shots per ft. 5650-5660', 5590-5574', 5568-5546', 5492-5468', 5442-5422', 5414-5396', 5390-5290'. Sand water frac perf. w/90,000# 20-40 sand and 1290 bbls. water.
  18. Set 5" Magnesium Bridge Plug at 5275'.
  19. Perf. Cliff House 2 shots per ft. 5262-5248', 5170-5150, 5116-5106, 5064-5048', 5004-4990', 4970-4888'. Sand Water Frac. Perf w/60,000# 20-40 sand and 1078 bbls. water.
  20. Drilled Bridge Plug. Blow and clean hole to T.D.
  21. Ran 1 perf jt. and 165 jts. 2-3/8" OD 4.70#, J-55 BUE tubing. landed at 5286.10' R.K.B. Rig released at 7:00 P.M. 10/24/60.
  22. Well shut in 10/24/60. Test on 11/3/60.
  23. 9 Day SITP 942 psi. SITP 940 psi., flowing. choke volume Q = 3,934 MCF after 3 hrs. CAOP = 9,324 MCF. Flowing temp. = 80 deg. F.