

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

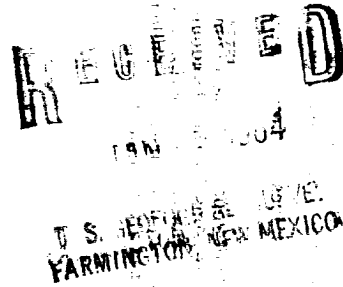
SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐		7. UNIT AGREEMENT NAME West Bisti Unit	
2. NAME OF OPERATOR The British-American Oil Producing Company		8. FARM OR LEASE NAME West Bisti Unit	
3. ADDRESS OF OPERATOR P. O. Drawer 330, Farmington, N.M.		9. WELL NO. 660	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FWL and 660' FWL		10. FIELD AND POOL, OR WILDCAT Bisti Chalk	
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 2-20-134	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6641 GL		12. COUNTY OR PARISH San Juan	
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		13. STATE New Mexico	
NOTICE OF INTENTION TO: TEST WATER SHUT-OFF ☐ FRACTURE TREAT ☐ SHOOT OR ACIDIZE ☐ REPAIR WELL ☐ (Other) ☐ PULL OR ALTER CASING ☐ MULTIPLE COMPLETE ☐ ABANDON* ☐ CHANGE PLANS ☐		SUBSEQUENT REPORT OF: WATER SHUT-OFF ☒ FRACTURE TREATMENT ☒ SHOOTING OR ACIDIZING ☐ (Other) ☐ REPAIRING WELL ☐ ALTERING CASING ☐ ABANDONMENT* ☐ (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (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.)* See Attached			



18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Field Superintendent DATE 12-20-63

(This space for **Inspector** or **State** use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

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 specific 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 site conditioned for final inspection looking to approval of the abandonment.

THE BRITISH-AMERICAN OIL PRODUCTION COMPANY
WEST BISTI UNIT NO. 20
SEC. 36-26N-13W, San Juan County, New Mexico

- 12-14-63 Pulled rods and tubing. Set Baker retrievable bridge plug at 4910' KB. Pressure tested casing to 3000 psi, held ok. Re-set bridge plug at 5000' KB. Rigged up Borewell with 3 Allison. Loaded hole and pumped 75 BO to formation at 32 BPM and 2900 psi. Sandfraced with 30,000# sand and 1,000# controlled solubility phosphate in 30,000 gal. oil. Mixed phosphate in last 5,000# and 5,000 gal. Flushed with 150 BO. Average injection rate 34 BPM at 2100 psi. Final flush pressure 2000 psi. Instant shut in pressure 1300, 15 min. shut in pressure 1000 psi. Job completed at 11:15 AM 11-14-63.
- 12-15-63 Cleaned out 22' of sand and pulled bridge plug. Started snubbing at 3:00 PM. Fluid was standing within 100' of surface when started snubbing.
- 12-16-63 Snubbed 2 hours, recovered 110 BW, no oil from 1500'. Rigged up McCullough and checked static fluid level at 480' KB. Checked PED at 4989' KB, bottom set of perforations covered with sand. Discharged ratio-active material at 4965' KB to check bottom set of perforations. Pumped in at rate of 1 BPM, bottom perfs. taking little or no fluid. Discharged ratio active material at 4930' KB. Pumped in at rate of 1/2 - 1 BPM. Tracer survey indicated that ratio active material was entering from 4930-4956' KB. Pulled up to 200' KB. Discharged ratio active material. Chased material to 3100' KB at rate of 3-5 BPM. Tracer material would go no further and indicated hole in pipe at around 3100' KB. Set Baker cast iron bridge plug at 4700' KB. Rigged up and pumped into casing at 3 BPM at 300#.
- 12-17-63 Ran Baker full bore packer on 100 joints 2 1/2" EUE tubing. Set at 3130' KB. Pressured up on tubing to 2800 psi, held ok. Reset at 3070' KB. Pumped down tubing at 6 BPM at 1200 psi. Pressured up on annulus to 2000 psi, held ok. Reset packer at 2980' KB To squeeze hole at 3100', per McCullough tracer survey. Mixed 150 cu. ft. 50-50 Fomix "S" with 2% gel, 8/10% Hald 9 and 2/10% CaCl2. Displaced cement past packer with 18.5 BW. Mixing pressure 900 psi. Displacement pressure 1380-1500 psi at 6 BPM. Started staging at 1:42 PM. Staged for 4 hours. Could not obtain standing pressure. Cleaned hole with 5 BW at 2 1/2 BPM at 2300 psi.
- 12-18-63 Pumped to formation at 2 1/2 BPM and 2900 psi. Mixed 100 cu. ft. 50-50 Fomix "S" with 2% gel, 8/10% Hald 9 and 2% CaCl2. Mixing pressure 3000-2000 psi. Displacing pressure 2700 to 1950. Staged for 6 hours. During last 4 hours of staging after pressuring up to 2500 psi each hour, the pressure would bleed back to 1550 to 1650 psi in 1 hour. Released pressure, back flowed 1/4 bbl. and stopped. Released packer. Pulled tubing and packer.
- 12-19-63 Snubbed hole down to 2800'. Hit top of cement at 2982'. Drilled out 14' of cement to 3002'.
- 12-20-63 Drilled 98' of cement from 3002-3100'.
- 12-21-63 Drilled cement to 3117'. Cleaned out to bridge plug at 4700'. Ran casing scraper. Snubbed hole down and bailed dry to bridge plug. Dry tested for 2 hours. Held ok. Loaded hole with 40 BW.
- 12-22-63 Drilled bridge plug from 4700' to 4998'.
- 12-23-63 Drilling on bridge plug and cleaning out sand at 5010'.

[illegible]

.05 coil is gnded to chassis. .05 coil being one base to #2 two hundred (3-1-51)
gnding between red section to #1 fifty gnded new limit

12-16-62
Sample 2 found, recovered 110 MB, no oil from 1900'. Placed up McCullough and checked started this level at 110' MB. Checked MB at 100' MB. Bottom out of perforations covered with sand. Discharged radioactive material at 100' MB. to each bottom set of perforations. Pumped in at rate of 1 BPM, bottom perforating little or no fluid. Discharged radioactive material at 100' MB. Pumped in at rate of 1 1/2 - 1 BPM. Pumped in at rate of 1 1/2 - 1 BPM. Discharged radioactive material from 100-105' MB. Pumped up to 100' MB. Discharged radioactive material. Discharged material to 1100' MB at rate of 2-2 BPM. Tracer material would go no further and indicated hole is deep at around 1000' MB. at which point tracer plug at 1700' MB. Pumped up and stopped late casing at 1700' MB.

[illegible][illegible]

7b. "All the following" : 1995 to present to end of 1997 : 1998 to end of 1999 : 2000 to present

100-101477-101478

[illegible]

100 of 1001 not only failed failed 22-10-1.

10000 of boxes for antineoplastic drugs being shipped to patients. 10-10-11

12-24-63 Ran McCullough cement bond log and casing inspection log. Drilled on bridge plug and cleaned out to 5014'.

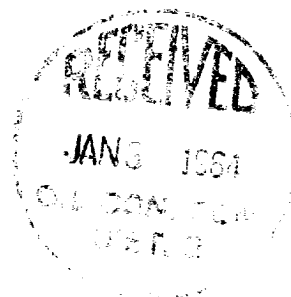
12-25-63 Cleaned out sand to 5040'.

12-26-63 Cleaned out sand to 5100' and swabbing lead oil.

12-27-63 Swabbing lead oil and cleaning out sand.

12-28-63 Swabbing lead oil. Rigged up Lane Wells and perforated with 2 jets per foot 4952-4972.

12-29-63 Ran rods and tubing and put well on production.



no matter how important it may be and how important it is to the
 future of the people of the world.

1. USAF as being the lowest of all

The final guideline was "Don't let them know the base is 10-12-11

~~There are persons who do not believe in God~~

[illegible]

Revised: 07-19-68