

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐
2. NAME OF OPERATOR
SHELL OIL COMPANY
3. ADDRESS OF OPERATOR
P.O. Box 831 Houston, Texas 77001
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1977' FNL & 660' FWL Sec. 19
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☒
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☐

5. LEASE
L.M. Phillips No. 1 SF 07 8063
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
Carson unit
8. FARM OR LEASE NAME
9. WELL NO.
12-19
10. FIELD OR WILDCAT NAME
Bisti
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
T25N R11W Sec 19
12. COUNTY OR PARISH
San Juan
13. STATE
New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6443.7' KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED

Chap

TITLE DIV. PROD. ENG. DATE 2-5

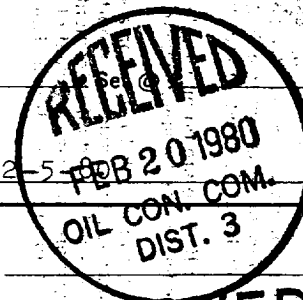
(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE



APPROVED

FEB 19 1980

James F. Sims
JAMES F. SIMS
DISTRICT OIL & GAS SUPERVISOR

*See Instructions on Reverse Side

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.

AUTHORITY FOR EXPENDITURE

DEPT. PRODUCTION		BRANCH OFFICE ROCKY MTN. DIVISION		ORIGINATING OFFICE PRODUCTION		A.F.E. NO.	
LOCATION OF PROJECT CARSON UNIT BISTI FIELD SAN JUAN COUNTY, NEW MEXICO LOCATION NUMBER						APPROPRIATION NO.	
						DATE PREPARED 10/18/79	DATE REGISTERED
						EST.	COMPLETION
WORK ORDER NUMBER	TYPE	DESCRIPTION	100% COST	SHELL'S 100 % SHARE			
				BUDGET	NON-BUDGET	EXPENSE	TOTAL
		Stimulate C.U. 12-19 and install equipment to return to production.	\$14,200			\$14,200	\$14,200
		Purchase and install other surface and subsurface equipment and return well to production.	12,600	\$12,600			12,600
		Transfer Lufkin C105-135-48 pumping unit from Yorba Linda, CA to C.U. 12-19.	5,825	5,825			5,825
		Requested by: C. O. Collins					
		(Worksheet)					
		SUB-TOTALS	\$32,625	\$18,425		\$14,200	\$32,625
BUDGET POSITION	AVAILABLE IN BUDGET				RETIREMENT EXPENSE LESS SALVAGE		
	NEW CAPITAL FUNDS REQUIRED BY BUDGET REVISION				TOTAL COST → \$32,625		
RETIREMENT DATA		JUSTIFICATION					
ORIGINAL COST		BUDGET CAPITAL EXPENDITURE					
LESS DEPRECIATION		MAINTENANCE, PLANT CHANGE & OTHER EXPENSE					
NET BOOK VALUE		RETIREMENT EXPENSE					
RETIREMENT EXPENSE		TOTAL — EXCLUDING TRANSFERRED ASSETS					
SALVAGE VALUE	()	ESTIMATED SAVINGS OR REVENUE					
BOOK (PROFIT) OR LOSS		ESTIMATED PAY-OUT PERIOD — EXCLUDING TRANSFERRED ASSETS					
DESCRIPTION OF PROJECT AND REASON FOR EXPENDITURE		ESTIMATED PAY-OUT PERIOD — INCLUDING TRANSFERRED ASSETS					
		EST'D. USEFUL LIFE		EST'D. TAX LIFE		EST'D. EARNING POWER	
See attached justification.							
RECOMMENDED				APPROVALS			
UCC-23-74 JMR 10-23-79 verbal 10/30/79 KFT 11/11/79				J. Thompson 11/15/79 11/14/79			
				APPROVAL CERTIFIED			

$\frac{8 \frac{5}{8}}{173'}$
24"

REMEDIAL PROGNOSIS
CARSON UNIT 12-19
1977' FNL AND 660' FWL
SECTION 19, T25N, R11W, NMPM
BISTI FIELD
SAN JUAN COUNTY, NEW MEXICO

Pertinent Data:

Elev: 6443.7' KB
KB-GL: 9'
TD: 5030' PBD: 5022'

Completion date: 12-30-57

Current Status: Temporarily abandoned

Proposed Work: Stimulate the GC sand member of the Gallup zone, install artificial lift equipment, and return well to production.

Procedure:

1. Install dead man anchors.
2. Move in rig.
3. Run sinker bar on sandline and tag bottom.
4. If fill is above 4930', bail clean to 4930'.
5. Pick up string of 2-3/8" tested "white band" tubing with scraper on bottom and run to 4930'.
6. If fill is above 4930', bail clean to 4930'.
7. Run Model C retrievable bridge plug and Model R retrievable packer on tubing. Set bridge plug at 4890'±.
8. Raise packer to 4855'±. Flush injection lines and pump with water before hooking up to wellhead. Pump P-121 solvent to packer and set packer. Stimulate well with 300 gals. Dowell P-121 solvent, followed by 1500 gals. 15% HCl and displace acid with 2% KCl water. Pump solvent at 1/2 BPM. When acid hits perms, increase rate to 1 BPM and hold rate at 1 BPM until 10 bbls. of acid are in formation. Decrease acid rate, after 10 bbls. are in formation, to 1/2 BPM for remainder of acid and flush. Do not exceed 1400 psi surface pressure during treatment. Add 6 gals. Dowell U42 Versene sequestering agent and 4 gals. Dowell A200 inhibitor to acid.

4866'
4881'
4897'
4903'
4932'
4939'
4947'
4959'
4965'
4974'

$\frac{4 \frac{1}{2}}{5022'}$
9.5"

9. Shut well in overnight.
10. Pull tubing, packer, and bridge plug.
11. Run 2-3/8" tubing with anchor one joint above shoe. Run rods as per attached "equipment specifications" sheet.
12. Repair electrical line to location. Install transformer and controller.
13. Tie flowline into gathering system.
14. Install 2 point suspension pads for Lufkin 105-135-48 pumping unit.
15. Install pumping unit.
16. Put well on production. Test well and report tests to Houston Production Engineering.

Approved *G. L. Thompson*
Date 11-15-79

COC:JL

COC
10-23-79
JMR
verbal 10/30/79

U 11/3/79