

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE*
(*Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.5. LEASE DESIGNATION AND SERIAL NO.
L. M. Phillips No. 1
SF 078063
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Injector		7. UNIT AGREEMENT NAME Carson Unit	
2. NAME OF OPERATOR Shell Oil Company		8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80290		9. WELL NO. 22-19	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' FNL & 1980' FWL Section 19		10. FIELD AND POOL, OR WILDCAT Bisti	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 19-T25N-R11W		12. COUNTY OR PARISH San Juan	
14. PERMIT NO.		13. STATE New Mexico	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6448.9 KB			

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

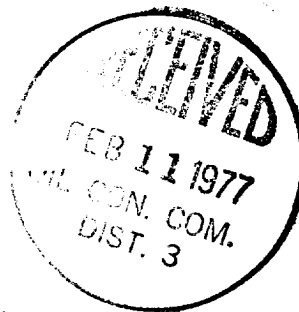
SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(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 attachment

(Resubmitted w/additional instructions per
P. T. McGrath)

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

SIGNED

P. Plauty

TITLE Div. Ops. Engr.

DATE 2/9/77

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

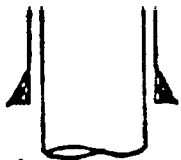
CONDITIONS OF APPROVAL, IF ANY:

cc: O&GCC - New Mexico

*See Instructions on Reverse Side

Okal

8 5/8"
108'



PROGNOSIS
PLUG AND ABANDONMENT
CARSON UNIT 22-19
SECTION 19, T25N, R11W, NMPM
BISTI FIELD
SAN JUAN COUNTY, NEW MEXICO

Pertinent Data:

TD: 5030' PBTD: 1300'
8 5/8" Csg. @ 108'
4 1/2" Csg. @ 5027' w/150 sax
7 7/8" Hole

Elevation: 6449' KB

KB-GL: 9'

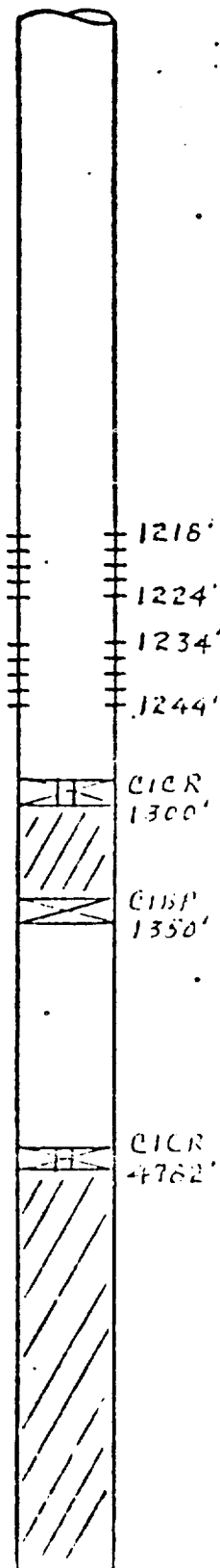
Permanent Datum: KB

Past and current status: 1/76 P&A'd Gallup zone and recompleted in Pictured Cliffs intervals 1218-1224' & 1234-1244'. Currently shut in after failure to establish commercial gas production. No recompletion prospects exist.

Proposed Work: Plug and Abandon.

Procedure:

1. Pull tubing and Mod. R packer.
2. Rerun tubing openended to PBTD, load hole with mud (Add 20 sax aquagel + 1 sack Benex per 100 bbls of mud or 20 sax salt gel per 100 bbls mud).
3. Spot 20 sax Class "G" cement mixed w/1# flocele/sack over perforations and above perforations. Minimum requirements - 100' cement plug above perforations.
4. Pull tubing.
5. Rig up casing pullers. Determine casing free point.
6. Attempt to shoot and pull casing at free point (theoretical cement top at 840'). Do not spend more than 3 hrs. on attempt to pull casing. If unable to pull any casing, go to step 9.
7. If casing is recoverable, place cement plugs by cementing through casing or running tubing inside of csg. as it is pulled. Spot Class "G" cement plugs as follows:



4 1/2"
5027' TD 5030'
9.5"

7. (cont.)

- a. 150' plug across stub of 4-1/2" casing.
(50' in casing, 100' in open hole)
- b. Spot cement plug from 400' to 250'.
- c. Surface plug 50'.

8. Install permanent abandonment marker as follows:

Steel marker at least 4 inches in diameter set in concrete and extending at least 4' above mean ground level. The name and number of the well and its location (Unit letter, section, township and range) shall be welded, stamped, or otherwise permanently engraved into the metal marker.

(Continuation from Step 6)

9. Perforate 4-1/2" casing w/4 JSPF below Ojo Alamo sand from 400'. Bring cement outside of 4-1/2" to 250' and leave 250' cement inside 4-1/2".
10. Run tubing to perforations 210' to 211' load 4-1/2" casing with cement (+20 sax) and pull tubing. With bradenhead open displace 15 sax cement through perforations 210' to 211'.
11. Refill 4-1/2" casing with cement to surface.
12. Install abandonment marker as outlined in Step 8.

COC:MG

J. A. Stanzione