



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Las Cruces
Lease No. LC-063928 (b)
Unit Henshaw Deep

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 SEALING ACIDIZING	X
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	
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	<u>Subsequent Report of Perforating</u>	X
	<u>Subsequent Report of Setting CIBP</u>	X

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

June 8, 1962

Henshaw Deep Unit

Well No. 4 is located 660 ft. from S line and 660 ft. from W line of sec. 13SW/4, SW/4, Sec. 13
(1/4 Sec. and Sec. No.)163
(Twp.)30E
(Range)NMPM
(Meridian)Henshaw-Wolfcamp
(Field)Eddy County
(County or Subdivision)New Mexico
(State or Territory)

RECEIVED
JUN 11 1962

The elevation of the derrick floor above sea level is 3369 ft.

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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 CIBP at 8930' and capped w/1sx. cement.
2. Perforated 8743' - 8743', 8801' - 8814' w/2 J3PF & 8789' - 8792' w/4 J3PF.
3. Run tubing and packer, spotted acid over perforations, hung 2" tubing OE at 8711', Guilberson hookwall packer 8703' - 8711'. Treated w/1000 gallons 15% BDA.
4. In 4 hours swabbed 6 BF, average cut 2 - 15% water.
5. Treated w/3000 gallons 15% NEA.
6. Swabbed dry.
7. Reset packer at 8771'. Treated perforations 8789' - 8792' & 8743' - 8748' w/10,000 gallons 15% Penetrol using ball sealers.
8. Flowed an average of 7 BO in 3 hours then would die.
9. Set CIBP at 8580' and capped w/1 sx. cement.
10. Perforated 8413' - 8419' w/2 J3PF.
11. Hung 2" tubing at 8358', Guilberson hookwall packer at 8360', IHD at 8358' & setting nipple at 8357'. (Continued on back of page)

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

Company Shell Oil CompanyAddress P. O. Box 1858Roswell, New Mexico

Original Signed By
By R. A. Lowery R. A. LOWERY

Title District Exploitation Engineer

12. Treated w/1000 gallons 15% spearhead acid.
13. Grabbed 100% water.
14. Set CIBP at 7943' and capped w/10' cement.
15. Ran tubing open ended to 7896'. Spotted 300 gallons 15% spearhead acid.
16. Perforated 7830' - 7837', 7842' - 7848', 7868' - 7875' w/1 CIBP.
17. Hung 2" tubing at 7414', Gilbertson hookwall packer at 7413', injected acid.
18. Hung 2" tubing at 7734', Gilbertson hookwall packer at 7776', swell HHD at 7774', setting nipple at 7773'.
19. Grabbed dry.
20. Treated perforations 7830' - 7875' w/4500 gallons 15% NHA in 3 stages using ball sealers.
21. Grabbed 6 BF, cut 90% water.
22. Set CIBP at 7860.
23. Ran 2" tubing w/packer at 7817', HHD at 7814', setting nipple at 7813'.
24. Treated w/6000 gallons 15% NHA (perforations 7830' - 7843').
25. In 24 hours grabbed 150 BF, cut 83% water.
26. Unseated packer, circulated oil out of annulus, flushed w/water.
27. Pulled tubing and packer.
28. Temporarily abandoned June 7, 1962.