

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office New MexicoLease No. LC-029424Unit Henshaw Deep

RECEIVED

DEC 22 1960

SUNDRY NOTICES AND REPORTS ON WELLS

D. C. C.
ARTESIA, OFFICE

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	
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	RECOMPLETION	X

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

Henshaw Deep Unit

December 5, 1960

Well No. 1 is located 660 ft. from N line and 1980 ft. from NE line of sec. 24
NE/4, NW/4, Sec. 24 16S 30E RMPH
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Henshaw Eddy County New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3836 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)

RECOMPLETED FROM DEVONIAN TO PENNSYLVANIAN

1. Pulled 2 1/2" tubing.
 2. Set Baker Model D packer & cased w/2 ex. cement (FBTD 11,596').
 3. Perforated 5 1/2" casing 9570' - 9572' w/4 jet shots per foot.
 4. Ran Baker retrievable packer on 2 1/2" tubing w/packer set @ 9544'.
 5. In 1 1/2 hours snubbed 52 RO & snubbed dry.
 6. Perforated 5 1/2" casing 9553' - 9560' & 9564' - 9570' w/4 jet shots per foot thru tubing w/packer hanging free.
 7. Lowered tubing to 9574', set packer @ 9544'.
 8. Treated perforations w/300 gallons HCl acid.
 9. Snubbed 100% water.
 10. Treated perforations w/3000 gallons 15% HCl.
- (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 Box 615Roswell, New MexicoOriginal Signed By
R. A. LOWERYBy R. A. LoweryTitle District Exploitation Engineer

11. Snubbed 55 B0, then snubbed 100% water w/no show of oil or gas.
12. Pulled tubing.
13. Set CIP @ 8950' & snubbed w/1 ex. cement.
14. Perforated 8850' - 8858' w/1 jet shots per foot.
15. Ran 2 1/2" tubing w/packer set @ 8787'.
16. Treated perforations w/250 gallons HNO₃ acid.
17. Recovery 54 B0 + 28 B1, then snubbed fluid out 95% salt water.
18. Lowered tubing to 8859', set FHC @ 8838' & squeezed w/75 ex. Inferno 310-set cement. Unreated FHC, reversed out 10 ex. cement & pulled tubing to 8750'. Ran FHC & tubing to 8838'. Pressured cement squeeze to 4500 psi, bled to 3400 psi in one minute. Lowered FHC to 8864' & pressured bridge plug to 8950' to 4000 psi. Held ok. Pulled FHC to 8840'. Squeezed w/50 ex. Inferno 310-set cement @ 5300 psi. Unreated packer, reversed out 5 ex. cement. Pulled packer to 8722', pressured to 1500 psi. Released pressure, set FHC @ 8500', tested squeeze to 4500 psi for 10 minutes. OK.
19. Ran down run, checked top cement @ 8845'.
20. Perforated 8822' - 8830' w/1 jet shots per foot.
21. Lowered tubing to 8738' & spotted 250 gallons HNO₃ on perforations, raised tubing, set packer @ 8758' & injected acid.
22. Recovered load.
23. On 071 raised 171 B00 + 0.3K B000 thru 18/64" choke. PTP 360 - 320 psi. CP packer. Gravity 36.3 deg. API. COR 1377.