



(SUBMIT IN TRIPLICATE)

 UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

 Land Office Las Cruces
 Lease No. 029419 (a)
 Unit Lynch "A"
RECEIVED
JAN 30 1963

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 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	<u>Plug Back & Recomplete</u>

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

Hobbs, New Mexico January 24, 19 63
 Well No. 6 is located 660 ft. from [N] line and 660 ft. from [W] line of sec. 22
NW/4 NW/4 Sec. 22 17-S 31-E N.M.P.M.
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Frank Pennsylvanian
 (Field)

Eddy
 (County or Subdivision)

New Mexico
 (State or Territory)
The elevation of the derrick floor above sea level is 3852 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)

Due to a decrease in B H P and gas volume the Pennsylvanian Gas Zone (11,962' - 11,982') is not economical to produce. The initial bottom hole pressure on this well taken January 29, 1954, was 5002# and by April 18, 1960, the B H P had declined to 1615#. At present time the well will not produce any gas or distillate. Therefore, in an effort to obtain a commercial producer the following work is proposed:

1. Move in and rig up pulling unit.
2. Pull tubing & packer.
3. Fill hole with heavy mud from 12,408' to 12,000' and spot 20 sacks cement over Atoka perforations 11,962' - 11,982'. *Spot cut plug from 19,200 - 19,100'*
4. Fill hole with heavy mud to 8600' and set cast iron bridge plug at 8600' and dump 2 sacks cement on top. *(See Reverse Side)*

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

Company Skelly Oil CompanyAddress Box 38Hobbs, New Mexico

By

Title Dist. Supt.(ORIGINAL
SIGNED)

H. E. AUSTIN

JAN 30 1963
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

3. Perforate Abo zone from 8540 - 8550' (Approximately)
6. Run tubing & packer.
7. Treat through perforations 8540-8550' with approximately 1000 gals. Mud Acid.
8. Reacidize with 3000 gals. 15% HCl Acid.
9. Test and return well to production.

If the Abo Zone is nonproductive, we will proceed as follows:

1. Pull tubing & packer.
2. Run tubing and spot 20 sacks cement over perfs. 8540 - 8550'. *Spot cement plug from 6500 - 6400'*
3. Fill hole with heavy mud to 4600'.
4. Rig down and move out pulling unit.
5. Move in & rig up Hydraulic Casing Puller.
6. Run free point indicator and cut 7" OD Casing at approx. 4600'.
7. Pull approx. 4600' 7" OD Casing.
8. Rig down & move out Hydraulic Casing Puller.
9. Move in and rig up pulling unit.
10. Spot 100 sacks cement plug in top of cut off 7" OD Casing at approx. 4600'.
11. Set Hoveo "DC" Cement Retainer in 9-5/8" OD Casing at 3750'.
12. Squeeze cement around end of 9-5/8" OD Casing with 100 sacks cement. Drop closing plug on tool and pressure test 9-5/8" OD Casing to 3200 psi.
13. Selective perforate San Andres Zone 3578-3746' and fracture with approx. 40,000 gals. oil & 40,000# sand.
14. Set Retrieable Bridge Plug at approx. 3500'.
15. Selective perforate Seven Rivers Zone 2246-2282' with approx. 40,000 gals. oil & 40,000# sand.
16. Pull Retrieable Bridge Plug and set Baker Model "D" Production Packer at approx. 3550'.
17. Set tubing in packer to produce San Andres Zone.
18. Run another string of tubing and produce Seven Rivers Zone.
19. Test both zones and put both zones to producing.