

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 080245
Unit NF/4 Section 20
DEEPEN WELL

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	XX
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	XX
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		

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

October 17, 1962

Well No. 1 is located 830 ft. from [N] line and 943 ft. from [E] line of sec. 20
NF/4 Section 20 T-29-S R-9-W ASPS
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Blanco-Neave San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5596 ft. G. I.

DETAILS OF WORK

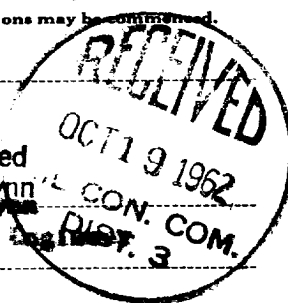
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Old T.D. 4468. Drilled to new T.D. of 6390'. Ran 212 jts. 4-1/2" 10.30# J-55 casing, landed at 6390'; cemented w/785 cu. class A cement w/40% diaseal "D", 1.5% LVL, 5% diaseal "A" and 1/4# floccul per sack and 115 cu. class A w/0.9% Hailad 9 and 1/4# floccul per sack preceded by 10 bbls. salt water and 20 bbls. salt water w/gel, and 1/4# floccul per barrel. Had complete returns through-out. Pressured 4-1/2" casing to 4500# - held okay. Perforated from 6371-81 w/2 HCF 11 jets per foot. Spotted 200 gals. 15% Hcl acid from 6287 to 6387. Frac w/40,000 gals. water w/1% Hcl and 20#/1000 gal. J-98 and 25,000# 20-40 sand. Avg. IA 18 BPM, avg. IP 4300 psi, max. press. 3000 psi, ISIP 3000 psi, 5 min. SI 2300 psi. Set Guiberson mag. bridge plug at 6363' - tested to 4000 psi - okay. Perf. w/3/8" dynajets at 6328', 6335', 6340, 6336, 6328, 6322-1/2' 6309 and 6301. Broke down at 3000 psi, free w/40,000 gal. 11 acid water w/20#/1000 gal. J-98 and 25,000# 40/60 sand followed by 15,000 pounds 20/40 sand. Max. IP 4000 psi, min. IP 3600 psi, avg. IP 3800 psi. Sin IA 16 BPM. Max. IA 28 BPM, avg. IA 24 BPM, ISIP 1300 psi, SIP 1200 psi, overflushed w/8 bbls.

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

Company WELN-TAYLOR OIL CORPORATION
Address P. O. Drawer 1198, Farmington, New Mexico

Original signed
by E. W. Gwynn
By E. W. Gwynn
Title District Engineer



Set H Model Baker bridge plug at 6491', pressured to 2700 psi, set 2nd bridge plug at 6491', tested to 4300 psi. Perf. 6483, 6484, 6483, 6482, 6481, 6437, 6433, 6410, and 6408 w/9 - 3/8" holes using super dynajets, frac w/51,660 gals. 1% Bcl water, w/20# J-78/1000 gals. and 50,000# 20-40 mesh sand. Flushed w/110 bbls. including 7 bbls. overflush. AIR 25 BPM, max. IP 4200 psi, min. IP 3750 psi, 1-1/2" 1500 psi, 15 min. SIP 1200 psi. Set bridge plug at 6010, pressured to 4300 psi. Set 2nd mag. bridge plug at 5330', tested to 4300 psi. Perf. 1 3/8" hole w/super dynajets at 4313, 4307, 4495, 4454, 4450, 4400, 4402, 4300, 4247, 4334, 4330, 4299, 4255, 4199, 4193, 4118, 4113, 4103, 4096, 4080, 4024, & 3944. Frac w/1800 bbls. fresh water w/2-1/2"/1000 gal. J-100 and 75,000# 20-40 mesh sand. Flushed w/100 bbls. including 20 bbls. overflush. ISIP 200 psi, 5 min. SI - vacuum. Avg. IR 42 BPM, max. IP 3200 psi, min. IP 2900 psi, avg. IP 2900 psi. Set Baker mag. bridge plug at 3976, tested to 4300 psi. Perf. 1 3/8" hole at 3967, 3964, 3953, 3934, 3896, 3894, 3869, 3864, 3836, 3846, 3844, 3833, 3831, 3817, 3810, 3804, 3797, 3794, 3787, 3783, 3779, 3767, 3747, and 3738. Frac w/77,700 gals. water w/2-1/2"/1000 gal. J-100 and 75,000# 20-40 sand, ISIP 900 psi., 5 min. SIP 830 psi, 10 min. SIP 800 psi, 15 min. SIP 750 psi. AIR 44 BPM, avg. IP 2700 psi, max. IP 3900 psi, min. IP 2800 psi, max. IR 45 BPM. Drilled and cleaned out bridge plugs at 5330, 6010, and 6491. Drilled bridge plug loose at 6493'. Drilled and cleaned out to 4321'. Ran 202 jcs. 2-3/8" 4.70# J-55 tubing (6290'). Set packer at 6304', Otis "B" type nipple at 6268', type "A" sliding sleeve at 4582', installed tree. Well currently blowing and testing.