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(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Budget Bureau No. 42-R368.4. Approval expires 12-31-60.			
Land Office Santa Fe			
Lesse No. SF 0781475			
Unit			

SUNDRY NOTICES AND REPORTS ON WELLS

Stephenson-Federal /ell No l. is located 1650 ft. from [N] line and 1650 ft. from [E] line of sec 17. NE/1 17 25N 8W NMPM (Meridian) (Ground Ground Ground Inc. of Sold State names of and expected depths to objective sends; show piece, weights, and longths of proposed easings; indicate mudding jobs, consending points, and all other important proposed work. State names of and expected depths to objective sends; show piece, weights, and longths of proposed easings; indicate mudding jobs, consending points, and all other important proposed work. State names of and expected depths to objective sends; show piece, weights, and longths of proposed easings; indicate mudding jobs, consending points, and all other important proposed work. State names of and expected depths to objective sends; show piece weights, and longths of proposed easings; indicate mudding jobs, consending points, and all other important proposed work. State names of and expected depths to objective sends; show piece weights, and longths of proposed easings; indicate mudding jobs, consending to the clevation of the derivation of Salace and supportant proposed easings; indicate mudding jobs, consending to the clevation of the derivation proposed easings; indicate mudding jobs, consending to the clevation of the derivation of the derivation proposed work. State names of and expected depths to objective sends; show piece weights, and longths of proposed easings; indicate mudding jobs, consending to the clevation of the derivation of the derivati	NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING SUBSEQUENT REPORT OF ALTERING CASING SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR SUBSEQUENT REPORT OF ABANDONMENT SUPPLEMENTARY WELL HISTORY Subsequent Report of Perforating and Formation Fracturing X
Stephenson-Federal /ell No. 1 is located 1650 ft. from [N] line and 1650 ft. from [E] line of sec. 17. NE/L 17 25N 8W NMPM (Wastellian) Wildcat Dak ota (Occurry or Subdivision) Ground The elevation of the dexwist oftens above sea level is 6452 ft. DETAILS OF WORK State names of and expected depths to objective sands, show sizes, weights, and lengths of proposed easings; indicate mudding jobs, commenting points, and all other important proposed work) Perforated 5½ casing from 6334-6356 W/LB holes. Treated well W/60,000# of 10-60 mesh sand and 54,180 gals fresh water w/1% CaCl2. Broke down formation w/3600# w/500 gallons mud acid (15% HCl & 3% HF) ahead. Avg treating pressure was 3500#. Avg. injection rate was LB BPM. Flushed W/6,300 gals water. Overflushed w/840 gals water. Landed 2 3/8* O.D. 8rd EUE 4.70# J-55 tubing w/perf pup jt & tapped BP on bettom @ 6342: Potentialed well for 260 BOPD & 65 BPD frac water. (Considerable time will elapse before all frac water is recovered.)	(INDICATE ABOVE BY CHECK MAR	
Stephenson-Federal /ell No. 1 is located 1650 ft. from [N] line and 1650 ft. from [E] line of sec. 17. NE/L 17 25N 8W NMPM (Wastellian) Wildcat Dak ota (Occurry or Subdivision) Ground The elevation of the dexwist oftens above sea level is 6452 ft. DETAILS OF WORK State names of and expected depths to objective sands, show sizes, weights, and lengths of proposed easings; indicate mudding jobs, commenting points, and all other important proposed work) Perforated 5½ casing from 6334-6356 W/LB holes. Treated well W/60,000# of 10-60 mesh sand and 54,180 gals fresh water w/1% CaCl2. Broke down formation w/3600# w/500 gallons mud acid (15% HCl & 3% HF) ahead. Avg treating pressure was 3500#. Avg. injection rate was LB BPM. Flushed W/6,300 gals water. Overflushed w/840 gals water. Landed 2 3/8* O.D. 8rd EUE 4.70# J-55 tubing w/perf pup jt & tapped BP on bettom @ 6342: Potentialed well for 260 BOPD & 65 BPD frac water. (Considerable time will elapse before all frac water is recovered.)		9 - 21 , 19 .59
Wildcat Dakota Ground Ground The elevation of the dexorate flams above sea level is 6452 ft. DETAILS OF WORK State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, commenting points, and all other important proposed work) Perforated 5½ casing from 6334-6356 w/48 holes. Treated well w/60,000# of 40-60 mesh sand and 54,180 gals fresh water w/1% Cacl2. Broke down formation 10 m/3600# w/500 gallons mud acid (15% HCl & 3% HF) ahead. Avg treating pressure 10 m/3600# w/600 gals water. Landed 2 3/8" O.D. 8rd EUE 4.70# J-55 tubing 10 m/25 m/25 m/25 m/25 m/25 m/25 m/25 m/25	Stephenson-Federal Vell No. 1 is located 1650 ft. from	m. $\{N\}$ line and 1650ft. from $\{E\}$ line of sec. 17.
Wildcat Dakota Ground Ground The elevation of the dexorate flams above sea level is 6452 ft. DETAILS OF WORK State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, commenting points, and all other important proposed work) Perforated 5½ casing from 6334-6356 w/48 holes. Treated well w/60,000# of 40-60 mesh sand and 54,180 gals fresh water w/1% Cacl2. Broke down formation 10 m/3600# w/500 gallons mud acid (15% HCl & 3% HF) ahead. Avg treating pressure 10 m/3600# w/600 gals water. Landed 2 3/8" O.D. 8rd EUE 4.70# J-55 tubing 10 m/25 m/25 m/25 m/25 m/25 m/25 m/25 m/25	NE/4 17 25N	(Renge) (Moridian)
DETAILS OF WORK State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, commenting points, and all other important proposed work) Perforated 5½n casing from 6334-6356 w/48 holes. Treated well w/60,000# of 40-60 mesh sand and 54,180 gals fresh water w/1% CaCl2. Broke down formation w/3600# w/500 gallons mud acid (15% HCl & 3% HF) ahead. Avg treating pressure was 3500#. Avg. injection rate was 48 BPM. Flushed w/6,300 gals water. Overflushed w/840 gals water. Landed 2 3/8n O.D. 8rd EUE 4.70# J-55 tubing w/perf pup jt & tapped BP on bettom @ 6342: Potentialed well for 260 BOPD & 65 BPD frac water. (Considerable time will elapse before all frac water is recovered.)	(14 Sec. and Sec. No.)	New Mexico
Perforated 5½" casing from 6334-6356 w/48 holes. Treated well wood of the color of		ATTE OF WORK
Perforated 5½" casing from 6334-6356 w/48 holes. Treated well wood of the color of	State names of and expected depths to objective sands; show	sizes, weights, and lengths of proposed casings; indicate museuing , our, the size of the
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.	Perforated $5\frac{1}{2}$ " casing from 6334-63540-60 mesh sand and 54,180 gals from 73600# w/500 gallons mud acid (159 was 3500#. Avg. injection rate was 0verflushed w/840 gals water. Land	esh water w/1% CaCl ₂ . Broke down formation % HCl & 3% HF) ahead. Avg treating pressure s 48 BPM. Flushed w/6,300 gals water. ded 2 3/8" O.D. 8rd EUE 4.70# J-55 tubing
I understand that this plan of work must receive approval in writing by the Geological Survey	recovered.)	(25 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
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U. S. GOVERNMENT PRINTING OFFICE: 1958 O -463339

Title Petroleum Engineer

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