

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy 1832 T. Canyon _____
 T. Salt 1944 T. Strawn _____
 T. Salt 3179 T. Atoka _____
 T. Yates 3338 T. Miss _____
 T. 7 Rivers 3814 T. Devonian _____
 T. Queen 4583 T. Silurian _____
 T. Grayburg 5257 T. Montoya _____
 T. San Andres _____ T. Simpson _____
 T. Glorieta _____ T. McKee _____
 T. Paddock _____ T. Ellenburger _____
 T. Blinebry _____ T. Gr. Wash _____
 T. Tubb _____ T. Granite _____
 T. Drinkard _____ T. Delaware Sand 6169
 T. Abo _____ T. Bone Springs 7590
 T. Wolfcamp 10701 T. _____
 T. Penn. _____ T. _____
 T. Cisco (Bough C) _____ T. _____

Northwestern New Mexico

T. Ojo Alamo _____ T. Penn. "B" _____
 T. Kirtland-Fruitland _____ T. Penn. "C" _____
 T. Pictured Cliffs _____ T. Penn. "D" _____
 T. Cliff House _____ T. Leadville _____
 T. Menefee _____ T. Madison _____
 T. Point Lookout _____ T. Elbert _____
 T. Mancos _____ T. McCracken _____
 T. Gallup _____ T. Ignacio Qtzte _____
 Base Greenhorn _____ T. Granite _____
 T. Dakota _____ T. _____
 T. Morrison _____ T. _____
 T. Todilto _____ T. _____
 T. Entrada _____ T. _____
 T. Wingate _____ T. _____
 T. Chinle _____ T. _____
 T. Permian _____ T. _____
 T. Penn. "A" _____ T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.
 No. 2, from _____ to _____ feet.
 No. 3, from _____ to _____ feet.
 No. 4, from _____ to _____ feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1832	1944	112	Rustler-Anhydrite				
1944	3179	1235	Salado-Salt				
3179	3338	159	Tansill-Salt				
3338	3814	476	Yates-Sandstone				
3814	4583	769	Seven Rivers-Sandstone				
4583	4876	293	Queen-Sandstone				
4876	5257	381	Penrose-Dolomite & Sandstone				
5257	6169	912	Grayburg-Dolomite				
6169	7590	1421	Delaware-sandstone				
7590	10701	3111	Limestone & sandstone				
10701	11792	1091	Limestone & shale				
	TD						

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O-40.
H0325 OFFICE

STATE 27 No. 1-WCR

#31. Perforation Record

LOWER WOLFCAMP: 11,085' 87', 91', 97', 99', 11,101' & 11,109 w/4 jsf Total: 28 holes

UPPER WOLFCAMP: 10,702'-10,766' w/4 jsf Total: 138 holes

LOWER BONE SPRING: 10,349', 50', 51', 55', 59', 60', 61', & 63' w/2 jsf Total: 16 holes

2nd BONE SPRING SAND: 9734', 35', 37', 39', 42', 45', 47', 49', 50' & 51' w/2 jsf Total: 20 holes

2nd BONE SPRING CARBONATE: 9187', 90', 9215', 18', 21', 25', 29', 32', 36', 41', 46', & 49' w/5 jsf
Total: 60 holes

#32. Acid, Shot, Fracture, Cmt Sqs, Etc.

11,085'-11,109': 13 bbls 15% HCL-NE-FE acid

10,349'-10,363': Acidized w/16 bbls 15% HCL-NE-FE acid, diverted w/32# rock salt;
Broke down perts w/32 bbls 15% HCL-NE-FE; Acid frac w/119
bbls 20% HCL-NE-FE gelled acid, flushed w/64 BTFW.

9734'-9751': Acidized w/18 bbls 15% HCL-NE-FE, flushed w/62 BTFW

9187'-9249': Acidized w/total of 149 bbls 15% HCL-NE-FE, 291 bbls 20% NE-FE
gelled HCL mixed w/86 bbls CO₂ in 3 stages. Flush w/total of
262 BTFW.

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WAGGS OFFICE

13 3/8", 46#, H-40 STIC @ 425' w/375 SK

9 7/8", 36#, K-55, STIC @ 3776' w/450 SK

SQUEEZE PERF @ 9139' w/100 SK

SQUEEZE PERF @ 9310' 100 SK

SQUEEZE PERF @ 9600' 100 SK
CLASS "H" w/1/4% CFR-Z + .4% HALAD-9

SQUEEZE PERF @ 9900' 100 SK
CLASS "H" w/1/4% CFR-Z + .4% HALAD-9

SQUEEZE PERF @ 10,240' 75 SK
CLASS "H" w/1/4% CFR-Z

CIBP @ 10,550' T.O.C @ 10,515

7", 26# K-55 ORC (0-2930')
K-55 LTC (2930-4952')
J-55 LTC (4952-6981')
L-80 LTC (6981-11,301')

CIBP @ 9145' w/50' OF CEMENT

150 SACKS CLASS "H" CEMENT w/1/4% HALAD-9
2ND BONESPRING CARBONATE PERFS 9187'-9249'
60 HONES TOTAL

CIBP @ 9580' w/4' SAND + 11' CEMENT

2ND BONESPRING SANDSTONE PERFS 9734-51 (CA)

CIBP @ 10,210'

3RD BONESPRING CARBONATE PERFS 10349-53 (CA)

UPPER WOLF CAMP PERFS 10,702'-766' (CA)

CIBP @ 11,000' w/CEMENT TOP @ 10,953'

MIDDLE WOLF CAMP PERFS 11,085-11,109'

5 JUNK @ 11,05' (5L' VANN GUN ASSEMBLY)

FLOAT COLLAR @ 11,210'

11,301' w/1725 SK.

T.D. 11,792'

STATE 27 #1

WOLF CAMP - PROPOSED TA

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