

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

Douglas Corporation

Martin

(Company or Operator)

(Lease)

Well No. 1, in SE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Sec. 24, T. 29N, R. 11W, NMPM.
Astec-Fruitland Pool, San Juan County.

Well is 1470 feet from North line and 1180 feet from East line
of Section 24. If State Land the Oil and Gas Lease No. is _____

Drilling Commenced June 30, 1958 Drilling was Completed July 8, 1958

Name of Drilling Contractor Apache Drilling CompanyAddress 224 U.S. National Bldg., Denver, Colorado

Elevation above sea level at Top of Tubing Head 5484 feet The information given is to be kept confidential until _____, 19____.

OIL SANDS OR ZONES

No. 1, from 1525 to 1557 No. 4, from _____ to _____
No. 2, from 1752 to 1780 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 200 to 350 HFW feet.
No. 2, from 600 to 636 HFW feet.
No. 3, from _____ to _____ feet.
No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8	38.4	New	105'	Texas			Surface pipe
4 1/2	9.54	New	1805	Float			Production
2 3/8 EUE	4.74	Used	1463	Packer			Tubing

MUDDING AND CEMENTING RECORD

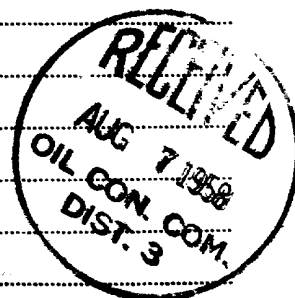
SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10 1/4	8 5/8"	105'	160	Halliburton		
6 3/4	4 1/2"	1805'	250	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Perforated: 1525-1557' x 1/4 Capsule Jet/ft. -225 to 250 MCF-NaturalSand-frac: 24,000 gals. wtr, 20,000# 20/40 sd, 840 gals. flush,Average injection rate- 12 bbls/min; Breakdown 3000 psi;Maximum injection-3200 psi; Minimum injection 3000 psi;Standing pressure 900 psi.

Result of Production Stimulation _____

Depth Cleaned Out 1557'

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 1825 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing, 19.

OIL WELL: The production during the first 24 hours was barrels of liquid of which % was
was oil; % was emulsion; % water; and % was sediment. A.P.I.
Gravity.

GAS WELL: The production during the first 24 hours was 4,250 M.C.F. plus 0 barrels of
liquid Hydrocarbon. Shut in Pressure 650 lbs.

Length of Time Shut in 7 days - 3 hr. blowdown

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

T. Anhy.
T. Salt.
B. Salt.
T. Yates.
T. 7 Rivers.
T. Queen.
T. Grayburg.
T. San Andres.
T. Glorieta.
T. Drinkard.
T. Tubbs.
T. Abo.
T. Penn.
T. Miss.

T. Devonian.
T. Silurian.
T. Montoya.
T. Simpson.
T. McKee.
T. Ellenburger.
T. Gr. Wash.
T. Granite.
T.
T.
T.
T.
T.
T.

Northwestern New Mexico

T. Ojo Alamo 604
T. Kirtland-Fruitland 738, & 1388'
T. Farmington 770'
T. Pictured Cliffs 1752'
T. Menefee.
T. Point Lookout.
T. Mancos.
T. Dakota.
T. Morrison.
T. Penn.
T.
T.
T.
T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation																								
				<div>OIL CONSERVATION COMMISSION AZTEC DISTRICT OFFICE No. Copies Received 4 DISTRIBUTION <table><thead><tr><th></th><th>NO. FURNISHED</th><th></th></tr></thead><tbody><tr><td>Operator</td><td></td><td></td></tr><tr><td>Santa Fe</td><td>1</td><td></td></tr><tr><td>Proration Office</td><td></td><td></td></tr><tr><td>State Land Office</td><td></td><td></td></tr><tr><td>U. S. G. S.</td><td>2</td><td></td></tr><tr><td>Transporter</td><td></td><td></td></tr><tr><td>File</td><td>1</td><td>✓</td></tr></tbody></table></div>					NO. FURNISHED		Operator			Santa Fe	1		Proration Office			State Land Office			U. S. G. S.	2		Transporter			File	1	✓
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File	1	✓																													

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Company or Operator Douglas Corporation
Name William E. Meakin

(Date)
Address 224 U.S. National Bldg., Denver, Colorado
Position or Title asst. Secretary

DESCRIPTIVE SAMPLE LOG

DOUGLAS CORPORATION, #1 MARTIN
 NE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 24-T29N-R11W --
 1470 ft. S. of NL, 1180 ft. W. of EL
 El.: 5482' Gr., 5490 KB

Begin samples at 200 feet.

200 - 240	SH and SS - 50% silty, light gray, soft, silty and sandy, mica bentonite. SS and silt, light grain, soft, very fine to coarse, unconsolidated, bentonitic.
40 - 50	SH and SS - 50% SH, light gray and pale green, medium hard, dense and sandy. SS-light gray, medium hard, fine to medium and coarse, sub-angular to sub-round, Bentonite, cement.
50 - 80	SH and SS - Ditto, sandy SH.
80 - 90	SH and SS - 30% Ditto, and streaks of light gray, medium hard, medium, sub-angular, green grains, Mica, Bentonite, and streaks of quartzitic SS.
290 - 300	SH and SS - 40% Ditto, increased light gray SS. Some shaly SS.
300 - 320	SH and SS - 20% Ditto, decreased light gray SS. Some very fine unconsolidated SS. Traces variegated SH.
20 - 50	SH and SS - 40% SH, Ditto, SS, light gray, soft, medium to coarse. Sub-angular to sub-round. Unconsolidated Bentonite.
50 - 60	SS and SH - 60% Ditto, and cleaner SS with increased Bentonite.
60 - 70	SS and SH - 50% Ditto, and some very fine unconsolidated SS.
70 - 80	SS and SH - 90% SS, light gray to white, soft, medium to coarse, sub-angular Bentonite, unconsolidated, some colored grains - probably water sd.
380 - 410	SS and SH - 90% Ditto. Cleaner.
10 - 30	SS and SH - 80% Ditto. SH and slightly pale green.
30 - 50	SS and SH - 90% Ditto, pyrite.
50 - 60	SS and SH - 90% Ditto, streaks of clay, Bentonite, very fine SS, Pyrite.
60 - 70	SS and SH - 90% Ditto, streaks of clay, Bentonite, very fine SS, Pyrite.
70 - 80	SS and SH - 90% Ditto, slightly cleaner SS.
80 - 90	SS and SH - 70% Ditto, and trace feldspar.
490 - 500	SS and SH - 80% Ditto, and very fine silty SS. Very bentonitic.
500 - 520	SS - 100% Ditto and finer. Increased very fine silty Bentonitic SS.
20 - 30	SS and SH - 90% Ditto, and coarser. Decrease very fine silty SS.
30 - 60	SS - 100% Ditto. Cleaner, Pyrite, probably water.
60 - 70	SS and SH - 70% SS, Ditto. SH, Gray and light gray, dense, medium hard. Trace feldspar.
70 - 90	SS and SH - 70% Ditto, increased feldspar, trace quartz.
590 - 600	SS and SH - 80% Ditto, increased clay, Bentonitic cement.
<u>T/O to Alamo-604 ft. SH, Ditto, Gas show.</u>	

600 - 610	SS and SH - 90% SS, light gray, hard, fine to very coarse, sub-angular, clay cement, Quartz Quartzite, feldspar and grains of boulder material. Pyrite.
10 - 20	SS and CONG. - 90% Ditto, cleaner. Probably water.
20 - 30	SS and CONG. - 100% Ditto. Abundant Pyrite.
30 - 40	SS and CONG. - 90% Ditto, Abundant Pyrite, SS slightly finer. <u>T/McDermott 636 ft.</u>
40 - 50	SH and SS - SH, light gray and dull gray, medium soft, dense and sandy. Bentonite. SS-minor, tailings, cement cavings.
50 - 60	SH - Ditto, Minor streaks SS, light gray, soft, medium, sub-round, heterogenous grains, Bentonitic cement.
60 - 80	SH - Ditto, Minor fine SS streaks.
680 - 700	SH and SS - 50% Ditto, and SS, light gray, hard, very fine to medium, sub-round, very andesitic, feldspar, shaly, SH, pale green.
700 - 710	SS and SH - 60% Ditto, SS, finer, decreased andesite and feldspar. Some unconsolidated fine SS.
10 - 20	SH and SS - 20% Ditto, SS becoming shaly to sandy SH, some purplish SH.
20 - 30	SH - Ditto and streak of tan to buff SH, trace andesitic and feldspar.
30 - 50	SH and SS - 40% SH, Ditto, SS, light gray, soft, medium, sub-angular, porous Bentonitic cement, slightly dirty, trace oil stain, streak gilsonite. <u>T/Kirtland sh 636 ft.</u>
50 - 60	SH and SS - 10% 10% Ditto, SH, lighter gray, some pale green.
60 - 70	SS and SH - 60% SH, Ditto. SS, light gray, soft, fine to coarse, sub-round to sub-angular, oil porosity, very bentonitic.
70 - 80	SH and SS - 20% SH, pale green to turquoise green, medium hard, slightly sandy, dense, bentonitic, SS, Ditto and green shaly. <u>T/Farmington SS 770 ft.</u>
780 - 800	SH and SS - 40% SH, Ditto and brownish gray dense, SS, Ditto and streaks of fine Bentonite. Pyrite.
800 - 810	SH and SS - 50% SH, light gray and pale green, soft, dense and sandy, Bentonite, SS, light gray, soft very fine to medium, dirty, bentonitic, low porosity
10 - 30	SS and SH - 60% Ditto, SS, softer.
30 - 40	SS and SH - 30% Ditto, SS, coarser, unconsolidated.
40 - 60	SS and SH - 50% Ditto, streak SS, light gray, medium hard, fine to coarse, Bentonitic, low porosity, coarse, unconsolidated, streak darker green SH. Pyrite.
60 - 70	SH and SS - 30% Ditto, increased brownish gray SH.
80 - 890	SH and SS - 30% Ditto, trace gilsonite, Pyrite.
800 - 910	SH and SS - 20% Ditto, sandy SH.
10 - 230	SH and SS - 20% Ditto, silty SH and shaly silt.
20 - 40	SS and SH - 50% SH, Ditto, SS, light gray and green, soft, fine to medium, sub-round, Bentonitic and unconsolidated.
40 - 60	SS and SH - 60% SH, Ditto, SS, Ditto and streak light gray, medium soft, medium, sub-round, Bentonite. Low porosity.
60 - 65	SS and SH - 60% Ditto, light gray, soft, medium unconsolidated SS.

965 - 970	SS and SH - 60% Ditto, SS, harder and tighter.
70 - 80	SH and SS - 20% SH, Ditto, SS, hard and tight.
80 - 85	SH and SS - 30% Ditto, and light gray, medium, unconsolidated SS.
85 - 90	SH and SS - 10% Ditto, decrease unconsolidated SS.
990 - 1000	SH and SS - 40% Ditto, light gray, soft, very fine to medium and silty unconsolidated SS.
1000 - 1010	SS and SH - 70% Ditto, and much light gray, soft, unconsolidated SS.
10 - 15	SS and SH - 70% Ditto, cleaner.
15 - 20	SS and SH - 50% Ditto, harder, decrease unconsolidated SS.
20 - 25	SH and SS - 20% SH, Ditto, SS, light gray soft, very fine Bentonite.
25 - 30	SH and SS - 20% Ditto, some coarse unconsolidated SS.
30 - 50	SH and SS - 40% SH, Ditto, SS, Ditto and fine unconsolidated SS.
50 - 55	SS and SH - 80% SS, light gray, medium soft, fine to medium, sub-round, salt and pepper, dirty, Bentonitic, low porosity, sub-angular, Ditto and sandy.
55 - 60	SS and SH - 80% Ditto and some large coarse unconsolidated SS.
60 - 65	SS and SH - 90% SS, light gray to tan, soft, fine to coarse, colored grains, unconsolidated clean, water sand, SH, Ditto.
65 - 70	SS and SH - 90% Ditto, and finer, unconsolidated.
70 - 85	SS and SH - 90% Ditto, harder, indurated dirty, pyrite.
1085 - 1100	SS and SH - 70% Ditto, some very coarse grains unconsolidated.
1100 - 1135	SS and SH - 80% Ditto, cleaner.
35 - 40	SS and SH - 40% Ditto, sandy SH, Pyrite.
40 - 50	SS and SH - 50% Ditto, dirtier.
50 - 65	SH and SS - 40% Ditto and some dark green SH, and sandy SH, SS, unconsolidated, clean, Pyrite.
65 - 75	SH and SS - 50% Ditto, some indurated SS.
75 - 80	SS and SH - 60% Ditto, finer.
80 - 90	SH and SS - 40% Ditto, and pale green and green sandy SH; Pyrite.
90 - 95	SH and SS - 30% SS, Ditto and gray, hard, fine to medium, sub-round, dirty, shaly, SH, Ditto and sandy.
1195 - 1200	SH and SS - 30% Ditto, and some very fine Bentonite, shaly SS.
1200 - 1205	SH and SS - 40% SH, light gray and greenish gray, medium soft, fine, to medium, sub-round to sub-angular, some unconsolidated Bentonite. <u>Lower Kirtland SH-1205 ft.</u>
05 - 10	SH and SS - 30% Ditto, SH, Ditto, increase sandy SH, SS, light gray, hard, very fine to fine, dirty, Bentonite, very shaly.
10 - 25	SH and SS - 30% Ditto, and some unconsolidated fine to medium SS.
25 - 30	SH and SS - 30% Ditto, harder, SS, dirty, shaly.
30 - 35	SH and SS - Ditto, and some unconsolidated.
35 - 45	SH and SS - 30% Ditto, some darker green SH.
45 - 50	SH and SS - 20% Ditto, some coarse unconsolidated.
50 - 55	SH and SS - 10% Ditto, sandy SH.
55 - 65	SH and SS - 20% Ditto, and some clean medium unconsolidated.

1265 - 1270	SH and SS - 10% Ditto, sandy SH.
70 - 85	SH and SS - 10% Ditto, SH becoming slightly darker gray, Pyrite.
1285 - 1300	SH and SS - 10% Ditto, some unconsolidated SS.
1300 - 1310	SH - Ditto, Minor SS.
10 - 20	SH - Ditto, increase sandy SH.
20 - 25	SH and SS - 20% SH, Ditto, SH, light gray soft, medium, sub-round, unconsolidated.
25 - 30	SH and SS - 20% Ditto, SS, Dirtier.
30 - 45	SH and SS - 10% Ditto, clean unconsolidated SS.
45 - 55	SH and SS - 10% Ditto, SS, light gray, hard, fine to medium dirty Bentonite.
55 - 60	SH and SS - 20% Ditto, and unconsolidated SS.
60 - 70	SH and SS - 20% Ditto, and streak of light gray Bentonitic SS.
70 - 75	SH and SS - 20% Ditto, unconsolidated SS.
75 - 85	SH and SS - 10% Ditto, streaks hard, dirty, shaly SS.
85 - 90	SH and SS - 20% Ditto, and streaks light gray, hard, very fine Bentonite, SS, SH, darker, and carbonaceous material. <u>T/Fruitland 1338 ft.</u>
90 - 95	SH and SS - 40% SH, Ditto and dark brownish gray with carbonaceous material, light gray, medium hard, very fine to fine, Bentonitic, salt and pepper.
1395 - 1400	SH and SS - 40% Ditto, increased brownish gray carbonaceous SH.
1400 - 1405	SH and SS - 20% SH, gray and dark gray, hard and soft streaks, dense and carbonaceous, SS, dark and light gray, medium hard, fine to very fine, salt and pepper, Bentonitic, streaks calcareous SH to shaly LS.
05 - 10	SH and SS - 20% Ditto, increased calcium SH, streak light gray salt and pepper, SS, and Mica and calcareous SS.
10 - 15	SH and SS - 10% Ditto, SH, darker, some green SH.
15 - 20	SH and SS - 20% Ditto, increase calcium, mica, SS.
20 - 25	SH and SS - 20% Ditto, slightly harder SH, Pyrite.
25 - 30	SH and SS - 20% Ditto, and streaks very fine Bentonitic calcareous SS.
30 - 35	SH and SS - 20% Ditto, streak dark gray to black carbonaceous SH.
35 - 40	SH and SS - 20% Ditto, trace brown crystalline LS.
40 - 45	SH and SS - 10% Ditto, Pyrite.
45 - 50	SH and SS - 30% Ditto, and lighter gray SH, increase light gray, very fine SS, trace brown LS.
50 - 55	SH and SS - 40% Ditto, and SS, light gray, medium soft, fine to medium, sub-angular, Bentonite, salt and pepper, much unconsolidated.
55 - 60	SH and SS - 50% Ditto, increase unconsolidated SS.
60 - 65	SH and SS - 50% Ditto, increase light gray, salt and pepper, Bentonite, SS, some carbonaceous material.
65 - 70	SH and SS - 50% Ditto, increase unconsolidated SS.
70 - 75	SS and SH - 60% SS, light gray and gray, fine to medium, very Bentonitic, Mica, SH, Ditto.
75 - 80	SS and SH - 70% Ditto, and streaks very fine light gray Bentonite, salt and pepper, SS, increase calcareous SS, streak carbonaceous SH.

1485 - 1490	SS and SH - 70% Ditto, slight increase carbonaceous SH, trace Coal.
1490 - 1500	SS and SH - 60% Ditto, streak Coal.
1500 - 1505	SS and SH - 60% Ditto, streak Coal and carbonaceous material.
1505 - 1510	SS and SH - 60% Ditto, increase carbonaceous material, trace Coal.
10 - 15	SS and SH - 60% Ditto, slightly coarser SS.
15 - 20	SS, SH and Coal - 60% Ditto, soft low grade coal.
20 - 25	SH, SS and Coal - 40% Ditto, and dark gray to black carbonaceous SH.
25 - 30	SS and SH - 75% SS, Gray, brownish, medium hard, very fine, salt and pepper, Bentonite, no porosity, SH, Ditto and brown with carbonaceous material and Coal. Gas.
30 - 35	SS and SH - 75% Ditto, and SS, lighter gray and trace green SS.
35 - 40	SS and SH - 80% SS, gray and brownish gray, medium hard, very fine to fine, salt and pepper, very Bentonitic, friable, no porosity, silty, SH, Ditto, trace Coal.
40 - 45	SS and SH - 95% SS, Ditto, slightly softer and lighter gray, very low porosity, SH, Ditto, trace Coal.
45 - 50	SS and SH - 95% SS, Ditto, and slightly lighter gray, cleaner, hard, Ditto, trace Coal.
50 - 55	SS and SH - 95% Ditto, lighter and cleaner, low porosity, friable, streak Coal.
55 - 60	SS - 100% light gray, medium soft, very fine to fine, salt and pepper, Bentonitic, friable, trace Gas Show.
60 - 65	SS and SH - 95% SS, Ditto and slightly darker gray, less porosity, gray SH streak.
65 - 70	SS and SH - 70% SS, Ditto, and harder, increase Bentonite and dirty, SH, Ditto, streak brown shaly LS.
70 - 75	SS and SH - 80% Ditto, trace carbonaceous SH, sub-Coal.
75 - 80	SS and SH - 60% Ditto, and tighter, increase carbonaceous SH.
80 - 85	SS and SH - 60% Ditto, streak black carbonaceous SH and sub-Coal.
1585 - 1600	SS and SH - 80% Ditto, streak cleaner Bentonitic SS.
1600 - 1605	SS and SH - 60% Ditto, decrease carbonaceous SH.
05 - 10	SS and SH - 60% Ditto, some medium to coarse unconsolidated SS, streak brown shaly LS.
10 - 15	SS and SH - 70% Ditto, brown shaly LS, increase unconsolidated SS.
15 - 20	SS and SH - 80% Ditto, increase unconsolidated SS.
20 - 30	SS and SH - 50% Ditto, and streak black carbonaceous SH, sub-Coal, trace brown LS.
30 - 35	SS and SH - 60% Ditto, Much dirty unconsolidated SS.
35 - 40	SS and SH - 50% Ditto, decrease unconsolidated SS.
40 - 45	SH and SS - 40% SS, light gray and gray, hard, very fine to dirty, Bentonite, SH, Ditto, trace brown LS.
50 - 55	SS and SH - 50% Ditto, and increase dark gray carbonaceous SH.
55 - 60	SS and SH - 50% Ditto, streak low grade coal.
60 - 70	SS and SH - 60% Ditto, increase low grade coal.
70 - 85	SS and SH - 40% Ditto, decrease Coal and carbonaceous material.
85 - 90	SS and SH - 50% Ditto, increase Coal, carbonaceous material.
90 - 95	SS and SH - 30% Ditto, SS, Birtler, decrease carbon, trace Coal.
1695 - 1700	SS and SH - 30% Ditto, sandy SH.

1700 - 1705	SS and SH - 40% SS, gray-brownish, soft, fine to medium, sub-round, salt and pepper, dirty, Bentonite, SH, Ditto, streak Coal and carbonaceous material.
05 - 10	SS and SH - 40% Ditto, slightly cleaner.
10 - 15	SS and SH - 50% Ditto, SS, fine, dirty, unconsolidated.
15 - 20	SS and SH - 50% SS, light gray, brownish gray, hard, fine, sub-round salt and pepper, dirty, Bentonite, no porosity, streak Coal.
20 - 25	SS and SH - 50% SS, Ditto, and softer, cleaner, SH, Ditto, increase Coal, carbonaceous material.
25 - 30	SS and SH - 60% Ditto, softer, and unconsolidated.
30 - 35	SS and SH - 50% SS, light gray, medium hard, fine to medium, sub-round, salt and pepper, Bentonite, sub-angular, Ditto, streak Coal and carbon.
35 - 45	SS and SH - 50% Ditto, SS, harder, tighter.
45 - 50	SS and SH - 40% Ditto, streak Coal, trace brownish LS.
50 - 55	SS and SH - 50% SS, light gray, medium hard, fine to medium, sub-round, salt and pepper, very Bentonitic, tight, SH, Ditto, and Carbonaceous. Streak sandy Coal, carbonaceous SS. <u>T/Pictured Cliffs 1752 ft.</u>
55 - 60	SS and SH - 60% Ditto, and some tan-gray SS, low porosity, trace carbonaceous material.
60 - 70	SS and SH - 90% SS, Ditto, cleaner, tight, trace carbonaceous material.
70 - 75	SS and SH - 90% Ditto, cleaner, tight, slight porosity.
75 - 85	SS and SH - 90% Ditto, some finer, tighter SS.
85 - 90	SS and SH - 60% Ditto, slightly finer, Bentonite, tight.
90 - 95	SS and SH - 40% SS, becoming finer, and dirty, SH, Ditto and streak of carbon.
1795 - 1800	SS and SH - 50% SS, Ditto, and some lighter gray soft unconsolidated, probably water, SH, Ditto, and pale green.
1800 - 1805	SS and SH - 50% Ditto, harder, streak carbonaceous material, trace brown LS.
05 - 10	SS and SH - 50% SS, Ditto, and some unconsolidated, probably water, SH, Ditto, and green, streak carbon and Coal.
10 - 15	SS and SH - 30% SS, Ditto, harder, indurated, very fine, Bentonite, SH, Ditto, green.
15 - 20	SS and SH - 30% Ditto, some consolidated SS. <u>T/Lewis sh 1819 ft.</u>
20 - 25	SS and SH - 30% Ditto, some dull gray very fine SS and dull gray SH.

TOTAL DEPTH 1825'