

COUNTY

STATE

COMPANY

FARM

WELL NO.

Chaves

N.M.

CSO

State
(Core Hole)

ROT.

STAN.

BY

SEC.

BLOCK

TWP.

SURVEY

-

67

LAB.

LGE.

ELEV.

DEPTH	LS	DOL	TEXTURE	COLOR	POR	O.S.	ANHY	SALT CHERT	SAND				SHALE		NOTES
									%	TEX	COL	O.S.	TEX	COL	
10	90		Chalky	pk. wh					10	Sub rounded	pk	Unconsol	sh	col	
20	10		-	-				Fr 7m	40	Sub rounded	pk	T. Ar			
30	T.		Dense sh. Sdy	pk				T.	90	-	-	F. Ar	20	shy	Ad
40	T.		-	-				T.	10	-	-	-	90	-	
50	T.		-	-				T.	20	Sub. and Col	pk	sh	80	-	sd is 19m
60									80	Sub. and Col	pk	sh	20	-	
70									100	-	-	-			
80									100	-	-	-			
90									90	-	-	-	10	Ad	
100									100	-	-	-	T.	-	
110	10								90	-	-	-	10	-	
120	20								50	-	-	-	50	-	
130	30								100	-	-	-	T.	-	T. Grn sh + Sol
140	40								20	-	-	-	20	-	
150	50								100	-	-	-	T.	-	
160	T.		Chalky	Buff					90	-	-	-	10	-	
170									30	-	-	-	30	-	
180									70	-	-	-	30	-	
190									70	-	-	-	30	-	
200									90	-	-	-	20	-	
										-	-	-	T.	-	
210	10								50	-	-	-	50	-	
220	20								10	-	-	-	70	-	T. Grn sh + Sol
230	30								20	-	-	-	20	-	
240	40								100	mx Grn	sh	rd	T.	-	T. pyrite in sd
250	50								90	-	-	-	10	shy	Ad
260	60								90	-	-	-	20	-	T. Grn sh
270	T.		Dense	Buff					100	-	-	-	T.	-	
280									40	pk	Ad	-	50	-	T. Calc
290									10	-	-	-	-	-	shale
300										-	-	-	100	-	T. Grn sh
310										-	-	-	-	-	Ad Sol

COUNTY
Chavez

ST. F
N.M.

COMPANY
C20

FARM
2000 Holes

LAB.
62

SEC.
2

BLOCK
2

TWP.
2

ELEV.
1

DEPTH	TEXTURE	COL. BOR. C.S.	CHERT	AMBY. SALT	SAND	SHALE	NOTES
10	Chalky						
20							
30							
40							
50							
60							
70							
80							
90							
100							
110							
120							
130							
140							
150							
160							
170							
180							
190							
200							
210							
220							
230							
240							
250							
260							
270							
280							
290							
300							
310							
320							
330							
340							
350							
360							
370							
380							
390							
400							
410							
420							
430							
440							
450							
460							
470							
480							
490							
500							
510							
520							
530							
540							
550							
560							
570							
580							
590							
600							
610							
620							
630							
640							
650							
660							
670							
680							
690							
700							
710							
720							
730							
740							
750							
760							
770							
780							
790							
800							
810							
820							
830							
840							
850							
860							
870							
880							
890							
900							
910							
920							
930							
940							
950							
960							
970							
980							
990							
1000							

COUNTY Chaves			STATE N M		COMPANY CSO			FARM State			WELL NO. 1	
ROT. ✓	STAN.	BY BT	SEC.		BLOCK		TWP.		SURVEY			ELEV.
			LAB.		LGE.							

DEPTH	LS	DOL	TEXTURE	COLOR	POR	O.S.	ANHY GYP	SALT CHERT	SAND				SHALE			NOTES
									%	TEX	COL	O.S.	%	TEX	COL	
300	10						30						70		Ad	
	20						100						T-		-	
	30						90						10		-	
	40						90						10		-	
	50						100						T-		-	
	60						50						50	SHy	Ad	
	70								60	WF	Ad		40	-	-	Tr Gm Sh
	80								80	-	-		20	-	-	
	90								100	Fe	Ad		Tr	-	-	
	400								40	-	-		60	-	-	
400	10												50	SHy	Ad	
	20						T-						50	-	Gm	
	30								70	WF	Gm		10	-	Ad	
	40						20		40	-	-		40	-	-	
	50						30		50	WF	Gm		10	-	-	
	59		20 F-MX	gray	pp	R	70		10	SHy	Gm		70	-	-	red. SHy
	70		lumpy										70	-	-	dark sh.

COUNTY

Chaves

STATE

N M

COMPANY

CSO

FARM

State

WELL NO.

1

ROT.

STAN.

BY

SEC.

BLOCK

TWP.

SURVEY

ELEV.

LAB.

LGE.

DEPTH

LS

DOL

TEXTURE

COLOR

POR

O.S.

ANHY

SALT

CHERT

SAND

%

TEX

COL

O.S.

SHALE

%

TEX

COL

NOTES

Core

1

457 - 467

Rec 8'

3' Rd Sh

1' Rd Anhy

3' Rd Sh

1' Anhy. and Gyp

WELL NO.	STATE	COMPANY	DATE	COUNTY
1	State	620	N M	Chavez
ELEV.	SURVEY	BLOCK	SEC.	LOT, STAN
			LAB	BY
			LOG	

DEPTH	LOG	TEXTURE	COLOR	FOR	LAB	CHERT	SAND	SHALE	NOTES
1	Core								
2	1								
3	2								
4	3								
5	4								
6	5								
7	6								
8	7								
9	8								
10	9								
11	10								
12	11								
13	12								
14	13								
15	14								
16	15								
17	16								
18	17								
19	18								
20	19								
21	20								
22	21								
23	22								
24	23								
25	24								
26	25								
27	26								
28	27								
29	28								
30	29								
31	30								
32	31								
33	32								
34	33								
35	34								
36	35								
37	36								
38	37								
39	38								
40	39								
41	40								
42	41								
43	42								
44	43								
45	44								
46	45								
47	46								
48	47								
49	48								
50	49								
51	50								
52	51								
53	52								
54	53								
55	54								
56	55								
57	56								
58	57								
59	58								
60	59								
61	60								
62	61								
63	62								
64	63								
65	64								
66	65								
67	66								
68	67								
69	68								
70	69								
71	70								
72	71								
73	72								
74	73								
75	74								
76	75								
77	76								
78	77								
79	78								
80	79								
81	80								
82	81								
83	82								
84	83								
85	84								
86	85								
87	86								
88	87								
89	88								
90	89								
91	90								
92	91								
93	92								
94	93								
95	94								
96	95								
97	96								
98	97								
99	98								
100	99								

Core 1
 3' 1st
 1' 2nd
 2' 3rd
 1' 4th
 4' 5th
 4' 6th
 4' 7th
 4' 8th
 4' 9th
 4' 10th
 4' 11th
 4' 12th
 4' 13th
 4' 14th
 4' 15th
 4' 16th
 4' 17th
 4' 18th
 4' 19th
 4' 20th
 4' 21st
 4' 22nd
 4' 23rd
 4' 24th
 4' 25th
 4' 26th
 4' 27th
 4' 28th
 4' 29th
 4' 30th
 4' 31st
 4' 32nd
 4' 33rd
 4' 34th
 4' 35th
 4' 36th
 4' 37th
 4' 38th
 4' 39th
 4' 40th
 4' 41st
 4' 42nd
 4' 43rd
 4' 44th
 4' 45th
 4' 46th
 4' 47th
 4' 48th
 4' 49th
 4' 50th
 4' 51st
 4' 52nd
 4' 53rd
 4' 54th
 4' 55th
 4' 56th
 4' 57th
 4' 58th
 4' 59th
 4' 60th
 4' 61st
 4' 62nd
 4' 63rd
 4' 64th
 4' 65th
 4' 66th
 4' 67th
 4' 68th
 4' 69th
 4' 70th
 4' 71st
 4' 72nd
 4' 73rd
 4' 74th
 4' 75th
 4' 76th
 4' 77th
 4' 78th
 4' 79th
 4' 80th
 4' 81st
 4' 82nd
 4' 83rd
 4' 84th
 4' 85th
 4' 86th
 4' 87th
 4' 88th
 4' 89th
 4' 90th
 4' 91st
 4' 92nd
 4' 93rd
 4' 94th
 4' 95th
 4' 96th
 4' 97th
 4' 98th
 4' 99th
 4' 100th

COUNTY Chaves		STATE NM	COMPANY CSO	FARM State	WELL NO. 1
ROT. ✓	STAN.	BY 64	SEC.	BLOCK	TWP.
LAB.			LGE.		
SURVEY			ELEV. 1		

DEPTH	LS	DOL	TEXTURE	COLOR	POR	O.S.	ANHY	SALT	SAND				SHALE			NOTES
									%	TEX	COL	O.S.	%	TEX	COL	
467 - 80							30						70		RI	
90							90						10		-	
500							80						20		-	
500 N							80						20		-	
20							80						70		-	
30							100		T	R	RI		T		-	
40							50		T		-		50		-	
50							60						40		-	
60							70						30		-	
70							80						10		-	
80							100						T		-	
90							90						10		-	
600							90						10		-	
10							80						20		-	
20							10		T	R	RI		70		-	
30							10		T		-		90		-	
40							40						60		-	T. Grn SH
50							60						40		-	
60							30		T	R	RI		70		-	
70							20						80		-	T. Brn SH
80							80	T					20		-	
90							70						30		-	T. Grn SH
700							30						70		-	
10							30						70		-	
20							60		T	R	RI		40		-	
30							20		60		-		20		-	T. Grn SH
40							40		10				50		-	T. Grn SH
50							60						40		-	sd savings
60							60						40		-	
70							Tr		10	R	90	sd	70		-	sd wouldn't cut
80							30		50	R			20		-	sd wouldn't cut
90							20		10	✓	✓		70		-	sd wouldn't cut

COUNTY

Chaves

STATE

N.M.

COMPANY

C.S.O.

FARM

State (Core Hole)

WELL NO.

1

ROT. STAN. BY

✓

SEC.

BLOCK

TWP.

SURVEY

ELEV.

LAB.

LGE.

DEPTH	LS	DOL	TEXTURE	COLOR	POR	O.S.	SALT CHERT	SAND				SHALE			NOTES
								%	TEX	COL	O.S.	%	TEX	COL	
800							10	Tr		Tr		90	shly	rd	
10							Tr	Tr		Tr		80	✓	✓	
20							10	Tr	shly	Tr		70	✓	✓	Tr 979
30							10	20	Tr	Tr		70	✓	✓	
40							20	Tr	Tr	Tr		80	✓	✓	
50							Tr	Tr	Tr	Tr		70	✓	✓	
60							10	50	Tr	Tr		40	✓	✓	
70							10	50	Tr	Tr		40	✓	✓	
80							10	10	Tr	Tr		80	✓	✓	
90							10	20	Tr	Tr		70	✓	✓	
900							Tr	Tr	Tr	Tr		80	✓	✓	
10							10	10	Tr	Tr		80	✓	✓	red going thru screen
20							10	20	Tr	Tr		70	✓	✓	
30							10	20	Tr	Tr		70	✓	✓	
40							10	Tr	Tr	Tr		90	✓	✓	
50							20	Tr	Tr	Tr		80	✓	✓	Tr 979 sh
60							20	20	Tr	Tr		60	✓	✓	Tr 979 sh
70							20	30	Tr	Tr		50	✓	✓	Tr 979 sh
80															
90															
1000															
10															
20															
30															
40															
50															
60															
70															
80															
90															
1100															

COUNTY			STATE			COMPANY			FARM			WELL NO.		
						CSO			State			1		
ROT.	STAN.	BY	SEC.			BLOCK			TWP.			SURVEY		
			LAB.			LGE.						ELEV.		

DEPTH	LS	DOL	TEXTURE	COLOR	POR	O.S.	ANHY	SALT CHERT	SAND				SHALE			NOTES
									%	TEX	COL	O.S.	%	TEX	COL	
Core # 2 970 - 990 rec 19'																
Sand, Rd, Anhy Tight																
Core # 3 990 - 1010 rec 20'																
Sand Rd, Anhy, Tight																
2" green anhy sand at 1006																
Core # 4 1010 - 1021 rec 9'																
2' Sand Rd Shy																
1' Anhydrite																
3' Interbedded Salt, Anhydrite, & Rd Sd																
2' Sand Rd w/ some Salt inclusions																
1' Sand Rd w/ some green sand inclusions																
Core # 5 1021 - 1041 rec 19'																
6' rd Sd w/ Salt incl																
2' Sd rd shy																
1' Sh rd																
2' Sd rd shy																
8' Sd rd only																
2' Sd rd w/ salt incl																
Core # 6 1041 - 1061 rec 20'																
Sd Rd anhydrite																
4' green Sd at 1042																

