

H. J. GRUY AND ASSOCIATES, INC.

PETROLEUM CONSULTANTS

150 WEST JOHN CARPENTER FREEWAY

IRVING, TEXAS 75062

(IN THE DALLAS-FORT WORTH METROPLEX)

CARPENTER FREEWAY AT O'CONNOR ROAD
IN LAS COLINAS

January 15, 1981

TELEPHONE (214) 659-3200
TELEX 730833 GRUY DAL

Mr. Richard Werner
Texas Utilities Services Inc.
2001 Bryan Tower
Dallas, Texas 75201

Dear Mr. Werner:

As you have authorized, we are attaching the following items to update the Final Safety Analysis Report for the Comanche Peak S.E.S. through December 31, 1980:

1. Autopositive film and two blue line copies of our map titled, "Comanche Peak S.E.S. Natural Gas and Oil Pipelines and Wells within Five Miles of Comanche Peak S.E.S., Hood and Somervell Counties, Texas" dated December 31, 1980.
2. Table 1, "Well Data on all Wells Within Five-Mile Radius of Comanche Peak S.E.S. as of December 31, 1980."

On Table 1, a bar in the right margin indicates the well is new or has changed status since our last update (August 31, 1980) of the table.

No electric well logs have been received since our last update; therefore, Table 2 is not included in this report, and the structural interpretations remain unchanged since our last review.

We thank you for this assignment. If we can be of further assistance or if you should have any questions, please do not hesitate to call us.

Yours very truly,

H. J. GRUY AND ASSOCIATES, INC.



L. J. Rehkemper
Vice President - Geology

LJP:dj
Attachments

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WELL DATA ON ALL WELLS WITHIN FIVE-MILE RADIUS OF
COMANCHE PEAK S.E.S.
AS OF DECEMBER 31, 1980

Well I.D. No.	County	Operator/Lease/Well Number Location	Status	Total Depth and Deepest Formation Reached	Depth of Perforations (ft)	Producing Formation	Initial Potential (Mcf/day)	Reservoir Trapping Mechanism
1	Hood	Ben J. Taylor/Cravens No. 4 2,000' FNWL & 2,000' FNEL H. H. Meyers Survey A-580 7 miles northeast of Paluxy	Gas well 9-30-77	5,010 ft. Marble Falls	4,740-4,750	Big Saline	2,074	Stratigraphic
1-A	Hood	Ben J. Taylor/Cravens No. 5 2,256' FSEL & 660' FNEL H. H. Meyers Survey A-580 3 miles northeast of Paluxy	Gas well 12-14-77	4,784 ft. Big Saline	2,975-2,985	Strawn	505	Stratigraphic
1-B	Hood	Lone Star Petroleum/Comanche Peak "D" No. 1 4,030' FSL & 2,092' FWL Felix Cattonet Survey A-92 4 miles south and 1 mile west of Granbury	Suspended operations 8-13-79	4,885 ft.				
1-C	Hood	Lone Star Petroleum/Angelia No. 1 2,279' FSEL & 2,312' FSWL Felix Cattonet Survey A-92 4 miles south and 2 miles west of Granbury	Suspended operations 8-20-79	4,998 ft.				
2	Hood	Mid-Continent Pet./Squaw Creek Cattle Co. No. 1 1,263' FSL & 1,263' FEL P. S. Hughlett Survey A-256 10 miles south of Granbury	Dry 5-8-50	5,576 ft. Ellenburger	none	none	none	
2-A	Hood	Dallas Production, Inc./Williams No. 1-C 2,250' FSEL & 3,950' FME'y NEL F. C. Cattonet Survey A-92 6.3 miles south of Granbury	Dry 2-25-80	5,260 ft.	none	none	none	
2-B	Hood	Dallas Production, Inc./Cook No. 1-C 2,600' FNEL & 3,875' FSEL John C. Grace Survey A-190 6 miles south of Granbury	Dry 2-25-80	5,275 ft.	none	none	none	
2-C	Hood	Lone Star Petroleum/Comanche Peak No. 1-B 467' FSL & 467' FWL Felix Cattonet Survey A-92 5 miles southwest of Paluxy	Gas well 12-8-78	5,022 ft. Marble Falls	4,214-4,438	Atoka Conglomerate	4,100	Stratigraphic
2-D	Hood	Franke Basin Exploration Co./Nedelkovich No. 1 4,024' FSL & 700' FWL John C. Grace Survey A-190 5 miles south and 1 mile west of Granbury	Dry 6-9-80	365 feet	none	none	none	

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2-E	Hood	Ben J. Taylor/Cravens No. 8 500' FNWL & 500' FNEL Richard Disney Survey A-144 5 miles south of Granbury	Gas well 8-16-79	5,571 ft. Ellenburger	4,690-4,704	Big Saline	950	Stratigraphic
2-F	Hood	Taylor Operating Co./Rawls No. 1 1,800' FSL & 2,300' FWL J. C. Grace Survey A-190 1 mile north and 7 miles east of Paluxy	Gas well 4-11-79	5,100 ft. Marble Falls	4,303-4,839	Strawn and Big Saline	98	Stratigraphic
2-G	Hood	Dallas Production, Inc./Sanders "A" No. 1 2,950' FNWL & 4,050' FNEL E. J. Johnson Survey A-292 5 miles south of Granbury	Suspended operations 8-18-80	5,300 ft.				
3	Hood	Fitzgerald/Van Morrison No. 1 330' FNL & 1,388' FWL Alexander O'Brien Survey A-433 7 miles southeast of Granbury	Dry 8-10-51	4,508 ft. Strawn	none	none	none	
3-A	Hood	Dallas Production, Inc./Carter No. 1-A 900' FSEL & 4,600' FSWL T. E. Tucker Survey A-566 2.8 miles southeast of Mambrino	Proposed location 12-30-77					
4	Hood	Tri-Venture II/Trotter No. 1 545' FNWL & 660' FNEL J. Doane Survey A-145 13 miles southwest of Granbury	Gas well 11-5-77	5,218 ft. Barnett Shale*	4,770-4,780	Big Saline	378	Stratigraphic
4-A	Hood	Energy Fund of America/Henry P. Maj No. 1 1,434' FNWL & 1,291' FNEL J. Doane Survey A-145 3 miles northeast of Paluxy	Dual gas well 6-8-78	5,059 ft. Marble Falls	4,719-4,725 4,965-4,969 3,148-3,160	Big Saline Marble Falls Strawn	90 260	Stratigraphic
4-B	Hood	Louisiana Land & Expl./Rodney Samson G.U. No. 1 499' FNL & 747' FWL W. R. Carey Survey A-85 1.5 miles south of Hill City	Dry 4-27-79	5,356 ft. Barnett Shale*	none	none	none	
5	Hood	Energy Fund of America/O. Coker No. 1 731' FEL & 6,214' FSL J. Doane Survey A-145 5.6 miles south of Tolar	Dry 6-18-79	5,133 ft. Marble Falls	none	none	none	
6	Hood	Seates Exploration/Lowdon No. 1 480' FNWL & 4,900' FSWL William R. Carey Survey A-85 1.8 miles north of Hill City	Dry 10-15-79	5,275 ft.	none	none	none	

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Well L.D. No.	County	Operator/Lease/Well Number Location	Status	Total Depth and Deepest Formation Reached	Depth of Perforations (ft)	Producing Formation	Initial Potential (Mcf/day)	Reservoir Trapping Mechanism
7	Hood	Ben J. Taylor/Cravens No. 3-A 1,964' FNWL & 122' FNEL William R. Carey Survey A-85 7 miles northeast of Paluxy	Abandoned location 8-1-77					
7-A	Hood	Louisiana Land & Expl./Lowden No. 1 3,600' FNWL & 1,508' FNEL William R. Carey Survey A-85 3 miles north and 4 miles east of Paluxy	Gas well 7-13-78	5,366 ft. Barnett Shale*	4,445-4,477	Strawn	1,100	Stratigraphic
8	Hood	Ben J. Taylor/Cravens No. 3 2,104' FNWL & 222' FNEL William R. Carey Survey A-85 5 miles south and 2 miles east of Tolar	Gas well 9-5-78	5,150 ft. Marble Falls	4,748-4,760	Big Saline	950	Stratigraphic
9	Hood	Gulf/Bratten Ranch No. 4 2,500' FSEL & 4,300' FSWL J. Doane Survey A-145 5 miles northeast of Paluxy	Gas well 5-18-77	5,190 ft. Barnett Shale*	4,636-4,642	Big Saline	3,650	Stratigraphic
9-A	Hood	Wayman Buchanan/Swaim No. 1 4,735' FNWL & 5,060' FSWL J. Doane Survey A-145 4 miles northeast of Paluxy	Gas well 5-4-78	5,169 ft. Barnett Shale*	4,671-5,110	Marble Falls	975	Stratigraphic
10	Hood	Energy Fund of America/Moore No. 1 2,204' FSEL & 1,776' FNEL J. Doane Survey A-145 8 miles southeast of Tolar	Dry 9-17-77	5,094 ft. Marble Falls	none	none	none	
10-A	Hood	Energy Fund of America/Argo Peek No. 1 724' FEL & 1,028' FSL J. Doane Survey A-145 6.2 miles south of Tolar	Abandoned location 2-6-78					
11	Hood	Tri-Venture II/Sullivan No. 1 500' FSWL & 708' FSEL William R. Carey Survey A-85 9 miles southwest of Granbury	Gas well 11-1-77	5,685 ft. Marble Falls	4,466-4,486	Big Saline	355	Stratigraphic
11-A	Hood	Sirius Energy Co./J. T. Parker No. 2 467' FNWL & 900' FSWL Cyrus T. Egery Survey A-169 2 miles north and 3 miles east of Paluxy	Gas well 7-27-78	5,285 ft. Barnett Shale*	4,445-4,763	Strawn	259	Stratigraphic
12	Hood	Ben J. Taylor/Wiggins No. 1 4,031' FNEL & 500' FSEL William R. Carey Survey A-85 6 miles northeast of Paluxy	Gas well 9-7-78	5,170 ft.	3,943-3,957	Strawn	287	Stratigraphic

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12-A	Hood	Ben J. Taylor/Crevens No. 7 2,250' FSEL & 660' FSWL Richard Disney Survey A-144 5 miles south and 4 miles east of Tolar	Gas well 9-5-78	5,093 ft. Marble Falls	4,663-4,673	Big Saline	1,500	Stratigraphic
12-B	Hood	Lone Star Petroleum/Squaw Creek No. 1 5,433' FNL & 664' FEL Richard Disney Survey A-144 10 miles south and 8 miles west of Granbury	Dry 9-8-80	4,850 ft.	none	none	none	
13	Hood	The Baron Co./Randall No. 2 5,880' FWL & 470' FNL Cyrus T. Egery Survey A-169 10 miles southwest of Granbury	Abandoned location 1-30-78					
13-A	Hood	Ben J. Taylor/Wiggins No. 2 900' FNWL & 2,000' FNEL Cyrus W. Egery Survey A-169 8 miles south of Granbury	Gas well 7-25-79	4,950 ft. Marble Falls	4,719-4,736	Big Saline	3,900	Stratigraphic
14	Hood	Dallas Production, Inc./Hubbard No. 1 1,400' FNWL & 3,367' FSWL J. C. Grace Survey A-204 10 miles south and 1 mile east of Granbury	Dry 2-12-74	5,965 ft. Ellenburger	none	none	none	
14-A	Hood	Dallas Production, Inc./Williams "B" No. 1 2,650' FNEL & 3,030' FSEL J. C. Grace Survey A-203 4 miles southwest of Mambury	Abandoned location 9-25-78					
14-B	Hood	Vanguard Exploration Co./Cleveland No. 2 467' FNL & 1,050' FEL J. Grace Survey A-203 3 miles northeast of Hill City	Location 11-3-80					
15	Hood	Gulf/Bratten Ranch No. 5 587' FNL & 3,900' FEL Thomas J. Stansbury Survey A-498 7 miles southeast of Tolar	Gas well 6-20-77	5,100 ft. Barnett Shale*	2,359-2,369	Strawn	1,080	Stratigraphic
16	Hood	Gulf/Bratten Ranch No. 8 1,980' FNWL & 5,500' FSWL Thomas J. Stansbury Survey A-498 3 miles east of Paluxy	Gas well Recompleted 12-13-78	4,950 ft. Marble Falls	4,126-4,277	Strawn	360	Stratigraphic
17	Hood	Gulf/Bratten Ranch No. 6 3,000' FSL & 6,700' FWL Thomas J. Stansbury Survey A-498 3 miles east of Paluxy	Gas well 7-18-77	5,000 ft. Barnett Shale*	4,686-4,696	Marble Falls	1,930	Stratigraphic

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Well I.D. No.	County	Operator/Lease/Well Number Location	Status	Total Depth and Deepest Formation Reached	Depth of Perforations (ft)	Producing Formation	Initial Potential (Mc/dav)	Reservoir Trapping Mechanism
17-A	Hood	O.D.P. Ltd./Roach No. 1 3,875' FNWL & 1,955' FNEL Thomas J. Stansbury Survey A-498 7.5 miles southeast of Tolar	Dry 4-9-79	5,084 ft.	none	none	none	
17-B	Somervell	Dallas Production, Inc./Davis No. 1-A 660' FNWL & 15,600' FNEL Galveston County School Land Survey A-37 2.3 miles southwest of Hill City	Gas well 3-24-80	5,107 ft.	3,942-3,954	Strawn	2,350	
17-C	Somervell	Dallas Production, Inc./Nystel No. 1 660' FNWL & 6,950' FNEL Galveston County School Land Survey A-37 5.8 miles northwest of Glen Rose	Abandoned location 7-24-78					
17-D	Somervell	Gulf/H. W. McDowell No. 1-A 7,500' FNL & 16,200' FEL (approximately) Galveston County School Land Survey A-37 5.9 miles northwest of Glen Rose	Gas well 3-13-78	5,400 ft. Ellenburger	4,112-4,130	Strawn	4,800	Stratigraphic
18	Hood	Tri-Venture II/Nelon No. 1 1,797' FSWL & 3,186' FNWL Cyrus W. Egery Survey A-169 10 miles southwest of Granbury	Gas well 10-31-77	5,254 ft. Marble Falls	4,742-4,750	Big Saline	275	Stratigraphic
18-A	Hood	Sirius Energy/J. T. Parker No. 1 2,904' FNL & 735' FWL Cyrus W. Egery Survey A-169 8 miles southeast of Tolar	Gas well 3-13-78	5,164 Marble Falls	4,730-4,746	Big Saline	174	Stratigraphic
19	Hood	The Baron Co./Randall No. 1 3,190' NE & 1,680' SE of NW/C Cyrus W. Egery Survey A-169 9 miles southwest of Granbury	Gas well 9-4-78	5,654 ft. Ellenburger	4,732-4,744	Big Saline	1,200	Stratigraphic
20	Hood	The Baron Co./Nelon No. 2-B 4,830' FEL & 3,296' FSL Cyrus W. Egery Survey A-169 10 miles southwest of Granbury	Abandoned location 1-30-78					
21	Hood	The Baron Co./Nelon No. 1-B 3,040' FNEL & 3,296' FSEL Cyrus W. Egery Survey A-169 2 miles southeast of Hill City	Gas well 10-19-78	5,625 ft. Ellenburger	4,946-5,095	Big Saline	328	Stratigraphic
22	Hood	Ben J. Taylor/Cravens "B" No. 1 1,939' FEyL & 4,669' FSyL Cyrus W. Egery Survey A-169 9 miles southwest of Granbury	Gas well 5-5-77	5,030 ft. Marble Falls	4,835-5,030	Marble Falls	1,700	Stratigraphic

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22-A	Hood	S.W. Gas Pipeline/M. Peveler No. 1 500' FWL & 2,850' FNL James D. Elliot Survey A-170 2.5 miles east of Hill City	Gas well 6-27-78	5,350 ft.	3,816-3,842	Pennsylvanian Conglomerate	13,000	Stratigraphic
22-B	Hood	Ben J. Taylor/Cravens No. 2-B 3,500' FSL & 468' FWL James D. Elliot Survey A-170 10 miles southwest of Granbury	Gas well 1-3-79	5,136 ft. Barnett Shale*	3,790-3,822	Strawn	909	Stratigraphic
22-C	Hood	S.W. Gas Pipeline/M. Peveler No. 2 825' FNWL & 2,050' FSWL James D. Elliot Survey A-170 1 mile north and 2 miles east of Hill City	Dry 12-8-80	5,374 ft. Barnett Shale*	none	none	none	
22-D	Hood	S.W. Gas Pipeline/M. Peveler No. 3 467' FNL & 4,950' FWL James D. Elliot Survey A-170 3 miles east of Hill City	Gas well 2-21-79	5,330 ft. Barnett Shale*	3,797-4,254	Strawn	430	Stratigraphic
22-E	Hood	S.W. Gas Exploration/M. Peveler No. 5 1,340' FNL & 550' FEL James D. Elliot Survey A-170 5 miles east of Hill City	Gas well 7-17-79	5,369 ft. Barnett Shale*	4,734-4,763	Big Saline	1,450	Stratigraphic
22-F	Hood	Taylor Operating Co./Rawls No. 2 320' FNL & 1,650' FWL J. Grace Survey A-203 4 miles northeast of Hill City	Gas well 4-11-79	5,010 ft. Marble Falls	4,860-4,820	Big Saline	1,050	Stratigraphic
22-G	Hood	S.W. Gas Pipeline/M. Peveler No. 4 5,165' FNL & 2,740' FWL James D. Elliot Survey A-170 3 miles east of Hill City	Gas well 2-21-79	5,370 ft. Barnett Shale*	4,861-5,142	Marble Falls	2,700	Stratigraphic
23	Somervell	Dallas Production, Inc./Kinnard No. 1 467' FNWL & 467' FSWL William B. Smith Survey A-91 6 miles northwest of Glen Rose	Dry 10-8-79	5,605 ft. Eilenburger	none	none	none	
23-A	Somervell	Dallas Production, Inc./O'Connor No. 1 3,850' FNWL & 1,320' FNEL Galveston County School Land Survey A-37 4.7 miles north west of Glen Rose	Suspended operations 11-27-78					
24	Somervell	McPherson/Williams No. 1 1,916' FEL & 2,825' FNL William B. Smith Survey A-90 6 miles north of Glen Rose	Dry 6-29-71	800 ft.	none	none	none	

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24-A	Somervell	Dallas Production, Inc./McConal No. 1 660' FNWL & 6,900' FNEL J. A. Hernandez Survey A-42 4.5 miles north of Glen Rose	Abandoned location 7-24-78					
25	Somervell	W. H. Price/Martin No. 1 6,200' FSL & 800' FEL Galveston County School Land Survey A-37 2.5 miles northwest of Glen Rose	Dry 10-26-77	5,560 ft. Ellenburger	none	none	none	
25-A	Somervell	Dallas Production, Inc./Millican No. 1 1,980' FSEL & 11,800' FSWL Milam County School Land Survey A-135 1.8 miles northeast of Glen Rose	Abandoned location 7-24-78					

* The Barnett Shale is a non-productive unit located between the Ellenburger and Marble Falls formations.