## **UNITED STATES DEPARTMENT OF THE INTERIOR**

SUBMIT IN DUPLICATE\* (See other in-structions on

FOR APPROVED OMB NO 1004-0137

Expires. December 31, 1991
5 LEASE DESIGNATION AND SERIAL NO.

Section   Sect	GC
DEEP PLUG BACK DIEF RESVR OTHER SAID JUBY RESVR OTHER SAID TELEPHONE NO.  PO BOX 4289, Farmington, NM 87499 (505) 326-9700 Blanco MV  At surface Unit B (NWNE) 1220' FNL, 2165' FWL  At total depth Same as above  At total depth Same as above  14. PERMIT NO. DATE ISSUED 12. COUNTY OR PARISH RIO ATTE ON P	RVEY
San Juan 29-6 Unit #65  NAME OF OPERATOR ConocoPhillips A ADDRESS AND TELEPHONE NO. PO BOX 4289, Farmington, NM 87499 (505) 326-9700 A LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*  At total depth Same as above  At total depth Same as above  14. PERMIT NO. DATE ISSUED  12. COUNTY OR PARISH RIO ARTIBA RIO ARTIBA RIO ARTIBA RIO ARTIBA RIO ARTIBA New Mexic 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, BR, ETC.)* 19. ELEV. CASIN 1731/07  4/20/07  6/22/07  C. TOTAL DEPTH, MD &TVD 21. PLUG, BACK TD. MD &TVD 4/20/07  6/22/07  C. TOTAL DEPTH, MD &TVD 21. PLUG, BACK TD. MD &TVD 22. IF MULTIPLE COMPL. HOW MANY* 5. SATE SAN DIREASE NAME, WELL NO. 30-039-29808  10. FIELD AND POOL, OR WILDCAT Blanco MV OR AREA Sec. 19 T29N R6W, NMF  11. SEC., T, R. M., OR BLOCK AND SUR OR AREA Sec. 19 T29N R6W, NMF  No MAYON RIO ARTIBA RIO ARTIBA New Mexic RIO ARTIBA RIO ARTIBA New Mexic RIO ARTIBA RIO ARTIBA New Mexic RIO ARTIBA SEC. 19 T29N R6W AND NO ENTRY TOOLS CABLE TOOLS NO CASING RECORD (Report all strings set in well)	RVEY
NAME OF OPERATOR ConocoPhillips ADDRESS AND TELEPHONE NO. PO BOX 4289, Farmington, NM 87499 (505) 326-9700  LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface Unit B (NWNE) 1220' FNL, 2165' FWL  At top prod. interval reported below Same as above  14. PERMIT NO. DATE ISSUED  12. COUNTY OR ARISH RIO Apriba RIO Apriba RIO Apriba RIO Apriba RIO Apriba RIO Apriba New Mexic 1.3 107 1. OATE COMPL. (Reedly to prod.) 1. SEC. T. R. M., OR BLOCK AND SUR OR AREA Sec. 19 T29N R6W, NMF  14. PERMIT NO. DATE ISSUED  15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Reedly to prod.) 18. ELEVATIONS (DF. RKB, RT, BR, ETC.)* 19 ELEV. CASIN 1/31/07 1/	RVEY
NAME OF OPERATOR ConocoPhillips  ADDRESS AND TELEPHONE NO. PO BOX 4289, Farmington, NM 87499 (505) 326-9700  LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*  At surface Unit B (NWNE) 1220' FNL, 2165' FWL  At top prod. interval reported below  Same as above  14. PERMIT NO. DATE ISSUED  12. COUNTY OR PARISH RIO Arriba RIO Arriba New Mexic RIO Arriba New Mexic 1/31/07  1/31/0	RVEY
ConocoPhillips  ADDRESS AND TELEPHONE NO. PO BOX 4289, Farmington, NM 87499 (505) 326-9700  LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*  At surface Unit B (NWNE) 1220' FNL, 2165' FWL  At total depth  Same as above  14. PERMIT NO. DATE ISSUED  DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Reedy to prod ) 18. ELEVATIONS (DF, RKB, RT, BR, ETC.)* 19 ELEV. CASIN TOTAL DEPTH, MD &TVD 21. PLUG, BACK T.D., MD &TVD 22. IF MULTIPLE COMPL., POWN MANY* 15. SCATE 16. DATE T.D. REACHED 17. DATE COMPL. (Reedy to prod ) 18. ELEVATIONS (DF, RKB, RT, BR, ETC.)* 19 ELEV. CASIN BRILLED BY 19 ELEV. CASIN COMPLETION NAME (MD AND TVD)*  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  CASING RECORD (Report all strings set in well)	
ADDRESS AND TELEPHONE NO. PO BOX 4289, Farmington, NM 87499 (505) 326-9700  LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*  At surface Unit B (NWNE) 1220' FNL, 2165' FWL  At total depth Same as above  At total depth Same as above  14. PERMIT NO. DATE ISSUED  12. COUNTY OR PARISH RIO Arriba New Mexica (13) Arriba New Mexica (13) Arriba (14) ELEVATIONS (DF, RKB, RT, BR, ETC.)*  17. DATE COMPL. (Ready to prod.)  18. ELEVATIONS (DF, RKB, RT, BR, ETC.)*  19. ELEVATIONS (DF, RKB, RT, BR, ETC.)*  19. ELEV. CASIN (ROTAL DEPTH, MD & TVD.  21. PLUG, BACK T D., MD & TVD. 22. IF MULTIPLE COMPL., HOW MANY*  10. FIELD AND POOL, OR WILDCAT Blanco MV  11. SEC., T. R., M., OR BLOCK AND SUR OR AREA  Sec. 19 T29N R6W, NMF  12. COUNTY OR PARISH RIO Arriba New Mexica  13. STATE  PARISH RIO Arriba New Mexica  17. DATE COMPL. (Ready to prod.)  18. ELEVATIONS (DF, RKB, RT, BR, ETC.)*  19. ELEV. CASIN (RD & G260' KB 6276')  19. ELEV. CASIN (RD ARRY TOOLS CABLE TOOLS DRILLED BY YES  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  25. WAS DIRECTIONAL SURVEY MADE  No  TYPE ELECTRIC AND OTHER LOGS RIN  CASING RECORD (Report all strings set in well)	
LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*  At surface  Unit B (NWNE) 1220' FNL, 2165' FWL  At top prod. interval reported below  Same as above  At total depth  Same as above  14. PERMIT NO. DATE ISSUED  DATE SPUDDED  16. DATE T.D. REACHED  17. DATE COMPL. (Readly to prod.)  18. ELEVATIONS (DF, RKB, RT, BR, ETC.)*  19 ELEV. CASIN  13. STATE  PARISH  Rio Arriba  New Mexic  GL 6260' KB 6276'  TOTAL DEPTH, MD &TVD  21. PLUG, BACK T.D., MD &TVD  S545  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  Blanco Mesa Verde - 3926' - 5467'  TYPE ELECTRIC AND OTHER LOGS RUN  CASING RECORD (Report all strings set in well)	
At total depth Same as above  At total depth Same as above    14. PERMIT NO.   DATE ISSUED   12. COUNTY OR PARISH   New Mexical Parish	
At top prod. interval reported below Same as above  At total depth Same as above    14. PERMIT NO.   DATE ISSUED   12. COUNTY OR PARISH RIO Arriba   13. STATE	PM
At total depth Same as above    14. PERMIT NO. DATE ISSUED   12. COUNTY OR PARISH PARI	
14. PERMIT NO. DATE ISSUED  12. COUNTY OR PARISH RIO Arriba  New Mexical Rio Arriba  New Mexical Rio Arriba  13. STATE  PARISH  Rio Arriba  New Mexical Rio Arriba  New Mexical Rio Arriba  13. STATE  PARISH  Rio Arriba  New Mexical Rio Arriba  New Mexical Rio Arriba  14. DATE COMPL. (Reedy to prod.)  15. DATE SPUDDED  16. DATE T.D. REACHED  17. DATE COMPL. (Reedy to prod.)  18. ELEVATIONS (DF, RKB, RT, BR, ETC.)*  19. ELEV. CASIN  19. ELEV. CASIN  ROTARY TOOLS  CABLE TOOLS  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  PARISH  Rio Arriba  No  13. STATE  Rio Arriba  Rio Arriba  Rio Arriba  Rio Arriba  New Mexical  Rotary Tools  CABLE TOOLS  DRILLED BY  yes  25. WAS DIRECTIONAL SURVEY MADE  NO  TYPE ELECTRIC AND OTHER LOGS RUN  CASING RECORD (Report all strings set in well)	
PARISH Rio Arriba New Mexica Date Spudded 16. Date 1.D. reached 17. Date COMPL. (Ready to prod ) 1/31/07 4/20/07 6/22/07 GL 6260' KB 6276' D. TOTAL DEPTH, MD &TVD 21. PLUG, BACK T D., MD &TVD 22. IF MULTIPLE COMPL., HOW MANY* PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  PARISH Rio Arriba New Mexica Script 18. ELEVATIONS (DF, RKB, RT, BR, ETC.)* 19. ELEV. CASIN ROTARY TOOLS CABLE TOOLS DRILLED BY  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  PRODUCTION INTERVAL	
PARISH Rio Arriba New Mexica DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod ) 1/31/07 4/20/07 6/22/07 GL 6260' KB 6276'  TOTAL DEPTH, MD &TVD 21. PLUG, BACK T D., MD &TVD 22. IF MULTIPLE COMPL., HOW MANY* 5545 5538' 2 2  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  TYPE ELECTRIC AND OTHER LOGS RUN  CASING RECORD (Report all strings set in well)	
DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod ) 18. ELEVATIONS (DF, RKB, RT, BR, ETC.)* 19 ELEV. CASIN 1/31/07 4/20/07 6/22/07 GL 6260' KB 6276'  1. TOTAL DEPTH, MD &TVD 21. PLUG, BACK T.D., MD &TVD 22. IF MULTIPLE COMPL., HOW MANY* DRILLED BY 19. ELEV. CASIN 19. EL	
1/31/07 4/20/07 6/22/07 GL 6260' KB 6276'  TOTAL DEPTH, MD &TVD 21. PLUG, BACK T D., MD &TVD 22. IF MULTIPLE COMPL., HOW MANY* DRILLED BY 9. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  Blanco Mesa Verde - 3926' - 5467' No  TYPE ELECTRIC AND OTHER LOGS RUN  Cement bond Log w/Gamma Ray Casing Collars  CASING RECORD (Report all strings set in well)	
21. PLUG, BACK T.D., MD &TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY  yes  25. WAS DIRECTIONAL SURVEY MADE NO  TYPE ELECTRIC AND OTHER LOGS RUN  CASING RECORD (Report all strings set in well)	GHEAD
5545 5538' 2 yes  PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  Blanco Mesa Verde - 3926' - 5467'  Type ELECTRIC AND OTHER LOGS RUN  Cement bond Log w/Gamma Ray Casing Collars  CASING RECORD (Report all strings set in well)	
PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*  Blanco Mesa Verde - 3926' - 5467'  TYPE ELECTRIC AND OTHER LOGS RUN  Cement bond Log w/Gamma Ray Casing Collars  CASING RECORD (Report all strings set in well)	
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Cement bond Log w/Gamma Ray Casing Collars  CASING RECORD (Report all strings set in well)	
CASING RECORD (Report all strings set in well)	
9 5/8" H-40 32.3# 365' 12 1/4" surface; 150sx (203 cf) 30 bbls	
7" J-55 23# 3418' 8 3/4" surface; 590sx (814cf) 50 bbls 4 1/2" J-55 10.5# 5541' 6 1/4" TOC 2960'; 166sx (329 cf)	
LINER RECORD 30. TUBING RECORD	
SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD)    2-3/8*   5329*	
PERFORATION RECORD (Interval, size and number)  32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  SPF  5162' - 5467'   160Q Slickfoam w/99.737# 20/40 Brady Sand.	
SPF   5162' - 5467'   60Q Slickfoam w/99,737# 20/40 Brady Sand.   F- 5162' - 5303' = 11 holes	
O - 5311' - 5467' = 19 holes 4696' - 5109' 60Q Siickfoam w/100000# 20/40 Brady Sand. Total N	2=
H 4956' - 5216' = 20 holes   1008100 scf.   1008100	tai
wis - 3926' - 4501' - 26 holes N2 = 1302100 scf.	
OIL CONS.	7 <del>1</del>
DIFFT O	<u> </u>
PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) WELL STATUS (Producing or shul-in	
SI W/O Facilities Flowing SI	
E OF TEST HOURS TESTED CHOKE SIZE PROD'N FOR OIL-BBL GAS-MCF WATER-BBL GAS-OIL RATIO TEST PERIOD	
6/21/07 1 1/2" 112.75 mcf .21 bw	
W. TUBING PRESS. CASING PRESSURE CALCULATED OIL-BBL GAS-MCF WATER-BBL OIL GRAVITY-API	(CORR.)
410# SI 450# 2706 mcf/d 5 bwpd	\
DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  TEST WITNESSED BY	
To be sold  LIST OF ATTACHMENTS	
s will be a stand alone Blanco Mesa Verde well.	OD DEV
I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	UTTIEL
2	_
NED Macey W. Memory Title Regulatory Technician DATE 6/27/97 7	9_2007
Mar 12 Marin	9 2007

MMOCD &

Ojo Alamo 2230' 2397' White, cr-gr ss. Ojo Alamo 2230' Kirtland 2397' 2821' Gry sh interbedded w/tight, gry, fine-gr ss. Kirtland 2397' Fruitland 2821' 3132' Dk gry-gry carb sh, coal, grn silts, light fruitland 2821' med gry, tight, fine gr ss.  Pictured Cliffs 3132' 3276' Bn-Gry, fine grn, tight ss. Pic.Cliffs 3132' Lewis 3276' 3679' Shale w/siltstone stringers Lewis 3276' Huerfanito Bentonite 3679' 4096' White, waxy chalky bentonite Huerfanito Bent. 3679' Chacra 4096' 4676' Gry fin grn silty, glauconitic sd stone Chacra 4096' w/drk gry shale Mesa Verde 4676' Mesa Verde 4676' Light gry, med-fine gr ss, carb sh Menefee 4973' & coal Menefee 4973' 5309' Med-dark gry, fine gr ss, carb sh & coal Point Lookout 5309' Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	.a.	•					
Ojo Alamo 2230' 2397' White, cr-gr ss. Ojo Alamo 2230' Kirtland 2397' 2821' Gry sh interbedded w/tight, gry, fine-gr ss. Kirtland 2397' Fruitland 2821' 3132' Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.  Pictured Cliffs 3132' 3276' Bn-Gry, fine grn, tight ss. Pic.Cliffs 3132' Lewis 3276' Shale w/siltstone stringers Lewis 3276' Huerfanito Bentonite 3679' 4096' White, waxy chalky bentonite Huerfanito Bent. 3679' Chacra 4096' 4676' Gry fn grn silty, glauconitic sd stone Chacra 4096' Wdrk gry shale Mesa Verde 4676' Mesa Verde 4676' Light gry, med-fine gr ss, carb sh Menefee 4973' 5309' Med-dark gry, fine gr ss, carb sh & coal Point Lookout 5309' Med-light gry, very fine gr ss w/frequent	. "	•					
Kirtland 2397' 2821' Gry sh interbedded w/tight, gry, fine-gr ss. Kirtland 2397' Fruitland 2821' 3132' Dk gry-gry carb sh, coal, grn silts, light- Fruitland 2821' med gry, tight, fine gr ss.  Pictured Cliffs 3132' 3276' Bn-Gry, fine grn, tight ss. Pic.Cliffs 3132' Lewis 3276' Shale w/siltstone stringers Lewis 3276' Huerfanito Bentonite 3679' 4096' White, waxy chalky bentonite Huerfanito Bent. 3679' Chacra 4096' 4676' Gry fn grn silty, glauconitic sd stone Chacra 4096' w/drk gry shale Mesa Verde 4676' Mesa Verde 4676' Light gry, med-fine gr ss, carb sh Menefee 4973' & coal Point Lookout 5309' Med-dark gry, fine gr ss, carb sh & coal Point Lookout 5309' Med-light gry, very fine gr ss w/frequent		"Ojo Alamo	2230′	2397'	White, cr-gr ss.	Ojo Alamo	2230′
Pruitland 2821' 3132' Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.  Pictured Cliffs 3132' 3276' Bn-Gry, fine grn, tight ss.  Pictured Cliffs 3132' 3276' Shale w/siltstone stringers Lewis 3276' Huerfanito Bentonite 3679' 4096' White, waxy chalky bentonite Huerfanito Bent. 3679' Chacra 4096' 4676' Gry fn grn silty, glauconitic sd stone Chacra 4096' Wdrk gry shale Mesa Verde 4676' Light gry, med-fine gr ss, carb sh Menefee 4973' 5309' Med-dark gry, fine gr ss, carb sh & coal Point Lookout 5309' Med-light gry, very fine gr ss w/frequent	"	Kirtland	2397′	2821'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2397′
Pictured Cliffs 3132' 3276' Bn-Gry, fine grn, tight ss. Pic.Cliffs 3132' Lewis 3276' Shale w/siltstone stringers Lewis 3276' Huerfanito Bentonite 3679' 4096' White, waxy chalky bentonite Huerfanito Bent. 3679' Chacra 4096' 4676' Gry fn grn silty, glauconitic sd stone Chacra 4096' w/drk gry shale Mesa Verde 4676' Mesa Verde 4676' Light gry, med-fine gr ss, carb sh Menefee 4973' & coal Point Lookout 5309' Med-dark gry, fine gr ss, carb sh & coal Point Lookout 5309' Med-light gry, very fine gr ss w/frequent		Fruitland	2821'	3132'	Dk gry-gry carb sh, coal, grn silts, light-	Fruitland	2821'
Lewis 3276' 3679' Shale w/siltstone stringers Lewis 3276' Huerfanito Bentonite 3679' 4096' White, waxy chalky bentonite Huerfanito Bent. 3679' Chacra 4096' 4676' Gry fin grn silty, glauconitic sd stone Chacra 4096' w/drk gry shale Mesa Verde 4676' Mesa Verde 4676' 4970' Light gry, med-fine gr ss, carb sh Menefee 4973' & coal Point Lookout 5309' Med-dark gry, fine gr ss, carb sh & coal Point Lookout 5309' Med-light gry, very fine gr ss w/frequent		Pictured Cliffs	3132′	3276′	<del></del>	Pic.Cliffs	3132'
Huerfanito Bentonite 3679' 4096' White, waxy chalky bentonite Huerfanito Bent. 3679' Chacra 4096' 4676' Gry fn grn silty, glauconitic sd stone Chacra 4096' W/drk gry shale Mesa Verde 4676' Mesa Verde 4676' 4970' Light gry, med-fine gr ss, carb sh Menefee 4973' & coal Point Lookout 5309' Med-dark gry, fine gr ss, carb sh & coal Point Lookout 5309' Med-light gry, very fine gr ss w/frequent		Lewis	3276′	3679'			3276′
w/drk gry shale Mesa Verde 4676' Mesa Verde 4676' 4970' Light gry, med-fine gr ss, carb sh Menefee 4973' & coal Point Lookout 5309' Menefee 4973' 5309' Med-dark gry, fine gr ss, carb sh & coal Point Lookout 5309' Med-light gry, very fine gr ss w/frequent		Huerfanito Bentonite	3679′	4096'	<del>-</del>		3679 <i>'</i>
Mesa Verde 4676' 4970' Light gry, med-fine gr ss, carb sh Menefee 4973' & coal Point Lookout 5309'  Menefee 4973' 5309' Med-dark gry, fine gr ss, carb sh & coal  Point Lookout 5309' Med-light gry, very fine gr ss w/frequent		Chacra	4096′	4676'	· ·	Chacra	4096'
& coal  Menefee 4973' 5309'  Med-dark gry, fine gr ss, carb sh & coal  Point Lookout 5309'  Med-light gry, very fine gr ss w/frequent					w/drk gry shale	Mesa Verde	4676'
Menefee 4973' 5309' Med-dark gry, fine gr ss, carb sh & coal Point Lookout 5309' Med-light gry, very fine gr ss w/frequent		Mesa Verde	4676'	4970'	Light gry, med-fine gr ss, carb sh	Menefee	4973′
Point Lookout 5309' Med-light gry, very fine gr ss w/frequent					& coal	Point Lookout	5309′
, J.		Menefee	4973′	53091	Med-dark gry, fine gr ss, carb sh & coal		
sh breaks in lower part of formation		Point Lookout	5309'	· · · · · · ·	Med-light gry, very fine gr ss w/frequent		
					sh breaks in lower part of formation		
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