30-015-31970

Lease Remin	gton "18" State Com Well No 1 Location 1980' FSI & 1980' FEL						
County Eddy	State NM Section 18 Township 198 Range 28E						
Section	Block Survey Page 1						
<u>DATE</u>	DAILY REPORTS						
APR 24 2001	Spotted proposed location @ 1980' FSL & 1980' FEL of Sec 18-T19S-R28E in Eddy County. Appears to be a good drillable site in sandy pastures. (TB)						
JUL 18 2001	Staked location @ 1980' FSL & 1980' FEL, Sec 18, T19S, R28E, Eddy County, NM. This appears to be a drillable site in an open rocky pasture. (FL)						
SEP 5 2001	MI Sweatt Construction & begin building location @ 1980' FSL & 1980' FEL, Sec 18, T19S, R28E, Eddy County, NM. (FL)						
SEP 6-12 2001	Building location. (FL)						
SEP 13 2001	Finished location. MI rathole machine & begin drilling ratholes this am. (FL)						
SEP 14 2001	Drilled ratholes & set 40' - 20" Conductor pipe. Begin moving in Patterson UTI Rig #46 this am. (FL)						
SEP 15 2001	MIRU Patterson UTI Rig #46. Finish RU this am. Anticipate spud @ 12:00 pm +/ (FL)						
SEP 16 2001	458' (418'). Operation: WOC. Formation: Surface rock & Red Bed. Dev @ 236' - ¾°, @ 458' - 1 ¾°. MW 8.9, Vis 34, DMC \$1600, TMC \$1600. Bit #1, Size 17 ½", Make Varez, Type ETD43S, SN GR3206, Jets 3-14, In @ 40', Out @ 458', Made 418' In 10 ½ hrs. PP 800#, RPM 90, WOB 10-40K, PR 39.8. (Drlg 10 ½, Circ 1, Trip ¾, Survey ½, RU 7 ½, Run 13 ¾" Csg & Cmt 2 ½, WOC 1 ¼ hrs.) Remarks: Day 1. SPUD @ 1:30 PM 09/15/01. No fluid lost. (FL)						
	1 Weatherford Guide Shoe 0.65' 1 13 %" 48# H-40 ST&C Csg 47.29' 1 Weatherford Insert Float 0' 9 13 %" 48# H-40 ST&C Csg 413.47' TOTAL LENGTH 461.41' Less Above KB 3.41' Csg Set @ 458.00'						
	Cmt w/200 sk BJ Lite "C" w/6% Gel, 2% CaCl2, ¼#/sk Cello flake (mixed @ 12.4 ppg, yield 2.01 cu.ft./sk). Tail w/200 sk Class "C" w/2% CaCl2 (mixed @ 14.8 ppg, yield 1.34 cuft/sk). Plug down @ 4:45 am 09/16/01. Circ 30 sk cmt to reserve pits. (NMOCD notified but DID NOT witness) (FL)						
SEP 17 2001	557' (99'). Operation: Drlg. Formation: Anhy. MW 10, Vis 29, pH 11, Cl 185K, Ca 2200, Solids >1%, DMC \$168, TMC \$1768. Bit #2, Size 12 ¼", Type ETD29, SN 169168, Jets 3-12, In @ 458', Made 99' In 3 ¼ hrs. PP 800#, RPM 65, WOB 40, PR 30.5. (Drlg 3 ¼, RR 4, WOC 16 ¾ hrs.) Remarks: Day 2. Tested BOP & Csg to 1000#. Full returns. (FL)						
SEP 18 2001	1345' (788'). Operation: Drlg. Formation: Anhy. Dev @ 697' - 1 ¼°, @ 947' - ¾°, @ 1203' - ¾°. MW 10, Vis 29, pH 10, Cl 185K, Ca 2200, Solids > 1%, DMC \$0, TMC \$1768. Bit #2, Size 12 ¼", Type ETD29, SN 169168, Jets 3-12, In @ 458', Made 887' In 26 ½ hrs. PP 1000#, RPM 65, WOB 55K, PR 33.9. (Drlg 23 ¼, Surv ¾ hrs.) Remarks: Day 3. No fluid lost or gained. (FL)						
SEP 19 2001	1960' (615'). Operation: Drlg. Formation: Anhy-Dolo. Dev @ 1457' - ¼°, @ 1707' - ¾°. MW 10, Vis 29, pH 10.5, Cl 186K, Ca 2200, Solids >1%, DMC \$2203, TMC \$3971. Bit #2, Size 12 ¼", Type ETD29, SN 169168, Jets 3-12, In @ 458', Made 1502' In 49 ¾ hrs. PP 1100#, RPM 65, WOB 55K, PR 26.5. (Drlg 23 ¼, Surv ½, RS ¼ hrs.) Remarks: Day 4. No fluid lost or gained. (FL)						

Lease Remin	eton "18" State Com Well No 1 Location 1980' FSL & 1980' FEL
County Eddy	State NM Section 18 Township 19S Range 28E
Section	Block Survey Page 2
DATE_	DAILY REPORTS
SEP 20 2001	2385' (425'). Operation: Drlg. Formation: Anhy-Dolo. Dev @ 1963' - ½°, @ 2184' - ½°. MW 10, Vis 29, pH 10.5, Cl 186K, Ca 2200, Solids > 1%, DMC \$0, TMC \$3971. Bit #2, Size 12 ¼", Type ETD29, SN 169168, Jets 3-12, In @ 458', Made 1927' In 72 ¾ hrs. PP 1100#, RPM 65, WOB 55K, PR 18.5. (Drlg 23, Surv ¾, RS ¼ hrs.) Remarks: Day 5. No fluid lost or gained. (FL)
SEP 21 2001	2890' (505'). Operation: Drlg. Formation: Dolo-Lime. Dev @ 2434' - ¼°, @ 2691' - ½°. MW 10, Vis 29, pH 10.5, Cl 187K, Ca 2100, Solids >1%, DMC \$239, TMC \$4210. Bit #2, Size 12 ¼", Type ETD29, SN 169168, Jets 3-12, In @ 458', Made 2432' In 96 hrs. PP 1100#, RPM 65, WOB 55K, PR 21.7. (Drlg 23 ¼, Surv ½, RS ¼ hrs.) Remarks: Day 6. No fluid lost or gained. (FL)
SEP 22 2001	3002' (112'). Operation: WOC-NU BOP. Formation: Dolo-Lime. Dev @ 3002' - ½°. MW 10, Vis 29, pH 10.5, Cl 187K, Ca 2100, Solids >1%, DMC \$0, TMC \$4210. Bit #2, Size 12 ¼", Type ETD29, SN 169168, Jets 3-12, In @ 458', Out 3022', Made 2544' In 100 ½ hrs. PP 1100#, RPM 65, WOB 55K, PR 24.9. (Drlg 4 ½, Circ 1 ¾, Trip 2 ½, Surv ¼, Run Csg & Cmt 5 ¾, WOC 9 ¼ hrs.) Remarks: Day 7. No fluid lost or gained. (FL)
	1 Weatherford Float Shoe 1.47' 1 8 %' 32# J55 ST&C Csg 44.28' 1 Weatherford Float Collar 1.24' 68 8 %' 32# J55 ST&C Csg 2960.43' TOTAL LENGTH 3007.42' Less Above KB 5.42' Csg Set @ 3002.00'
	Cmt w/3 sk GW27 Frac Gel followed w/920 sk BJ Lite "C" w/6% Gel, 5#/sk LCM-1, ¼#/sk Cello flake (mixed @ 12.4 ppg, yield 2.09 cu.ft/sk). Tail w/200 sk Class "C" w/2% CaCl2 (mixed @ 14.8 ppg, yield 1.34 cu.ft/sk). Plug down @ 8:45 pm 09/21/01. Circ 65 sk cmt to reserve pits. (FL)
SEP 23 2001	3545' (543'). Operation: Drlg. Formation: Dolo-Lime. Dev @ 3255' - ¾°. MW 8.4, Vis 28, pH 10, Cl 6800, Ca 300, Solids > 1%, DMC \$349, TMC \$4559. Bit #3, Size 7 ½", Type ER5897, SN MH6060, Jets 3-11, In @ 3002', Made 543' In 14 ¾ hrs. PP 2000#, RPM 65, WOB 55K, PR 36.8. (Drlg 14 ¾, Surv ¼, WOC 8 ¾, Test Csg Shoe ¼ hrs.) Remarks: Day 8. No fluid lost or gained. Tested BOP, Kill Manifold & Csg to 2500#. Tested Csg Shoe to 12.0 PPG MWE. (FL)
SEP 24 2001	4200' (655'). Operation: Drlg. Formation: Dolo-Lime. Dev @ 3654' - 1 ¼°, @ 3891' - 2°, @ 4016' - 1 ¾°, @ 4143' - 1 ¾°. MW 8.4, Vis 28, pH 11, Cl 6800, Ca 300, Solids >1%, DMC \$0, TMC \$4559. Bit #3, Size 7 ½", Type ER5897, SN MH6060, Jets 3-11, In @ 3002', Made 1198' In 37 hrs. PP 2000#, RPM 60, WOB 55K, PR 29.4. (Drlg 22 ¼, Surv 1 ½, RS ¼ hrs.) Remarks: Day 9. No fluid lost or gained. (FL)
SEP 25 2001	4761' (561'). Operation: Drlg. Formation: Dolo-Lime. Dev @ 4269' - 1 ¼°, @ 4519' - 1°. MW 8.4, Vis 28, pH 11, Cl 5000, Ca 1200, Solids >1%, DMC \$901, TMC \$5460. Bit #3, Size 7 ½", Type ER5897, SN MH6060, Jets 3-11, In @ 3002', Made 1759' In 60 hrs. PP 2000#, RPM 60, WOB 55K, PR 24.4. (Drlg 23, Surv ¾, RS ¼ hrs.) Remarks: Day 10. No fluid lost or gained. (FL)
SEP 26 2001	5230' (469'). Operation: Drlg. Formation: Lime. Dev @ 4775' - %°, @ 5030' - 1°. MW 8.4, Vis 28, pH 11, Cl 5300, Ca 1200, Solids > 1%, DMC \$1054, TMC \$6514. Bit #3, Size 7 %", Type ER5897, SN MH6060, Jets 3-11, In @ 3002', Made 2228' In 83 ¼ hrs. PP 2000#, RPM 60, WOB 55K, PR 20.2. (Drlg 23 ¼, Surv ¾ hrs.) Remarks: Day 11. No fluid lost or gained. BG 20 units. CG 20 units. (FL)

Lease _	Remine	ton "18" State	Com		Well No	1	_ Location	1980	FSL & 19	80' FEL
County	Eddy		State _	NM	Section _	18	Township	198	Range	28 <u>E</u>
Section		·····	Block		<u>_</u>	Survey	-		Page <u>3</u>	
DAT	E				DAILY R	EPORTS				
SEP 27 2	2001	Vis 28, pH 1 ER5897, SN 55K, PR 20.	1, Cl 530 MH606	00, Ca 1 0, Jets 3	000, Solids -11, In @ 3	on: Lime. Dev 3>1%, DMC \$ 3002', Made 27 emarks: Day 1	0, TMC \$6514 '08' In 106 1/4	4. Bit #3, 1 urs. PP 20	Size 7 %", ' 00#, RPM :	Type 60, WOB
SEP 28 2	2001	MW 8.4, Vi. %", Type El #4, Size 7 %	s 28, pH R5897, SI s", Type I K, PR 18	11, Cl 5 N MH6 47H, S 3.8. (Di	500, Ca 110 060, Jets 3- N MH6292 dg 18 ¾, T	Formation: L 00, Solids > 1% 11, In @ 3002 , Jets 3-11, In rip 4, Surv % is. (FL)	6, DMC \$344, ', Out @ 6063 @ 6063', Mad	TMC \$68 , Made 30 e 0' In 0 h	58. Bit #3, 61' In 125 h rs. PP 2000	Size 7 us. Bit)#, RPM
SEP 29 2	2001	28, pH 11, C SN MH6292	21 5500, C 2, Jets 3-1 21 ¾, Tr	a 1100 1, In @ ip ¾,	, Solids >19) 6063', Mac Surv 1, RS	on: Lime. Dev %, DMC \$0, T de 561' In 21 % 1/4, Wash 40' i its. (FL)	MC \$6858. B 4 hrs. PP 175	it #4, Size 0#, RPM 6	7 %", Typs 60, WOB 55	e F47H, 5K, PR
SEP 30 2	2001	2°. MW 8.4 7 1/4", Type I In @ 6063',	l, Vis 28, F47H, SN Made 11:	pH 11, I MH62 55' In 4	Cl 5800, C 192, Jets 3-1 4 ½ hrs. PF	on: 70% Sand - a 1100, Solids 11, P 1750#, RPM luid lost or gai	>1%, DMC \$ 60, WOB 55F	202, TMC L, PR 26.1	\$7060. Bi . (Drlg 22	t #4, Size
OCT 1 20	001	%°, @ 7545 \$7060. Bit thrs. PP 180	i' - 2 ½°. #4, Size 7 0#, RPM	MW 8 7⁄8", T 60, W	.4, Vis 28, _I /pe F47H, S OB 55 K, PR	on: 10% Sand - oH 11, Cl 5800 SN MH6292, J 27.1. (Drlg 2 CG 100 units.), Ca 1100, So ets 3-11, In @ /2 %, Surv 1,	lids >1%, 6063', Ma	DMC \$0, 7 ide 1772' In	ГМС 1 67 1/4
OCT 2 20	001	2 3/4°. MW Size 7 1/6", T	9.2, Vis 2 ype F471 K, PR 20	28, pH . H, SN N).7. (D)	10.5, Cl 821 4H6292, Je lg 22 ¾, S	on: 80% Lime -	lids >1%, DM 5063', Made 22	C \$739, T 242' In 90 l	MC \$7799 hrs. PP 200	. Bit #4, 00#, RPM
OCT 3 20	001	2 3/4°. MW 7 1/8", Type 1	9.2, Vis 2 F47H, SN K, PR 20	28, pH I MH62).9. (Di	11, Cl 82K, 192, Jets 3-1 1g 22 1/4, S	on: 60% Lime - Ca 1800, Solid 1, In @ 6063', urv 1 ½, RS ½ (FL)	ds >1%, DMC , Made 2707' I	\$0, TMC n 112 ¼ h	\$7799. Bir rs. PP 2000	t #4, Size 0#, RPM
OCT 4 20	001	34°. MW 9. Size 7 1/8", T RPM 60, W	4, Vis 28 'ype F47F OB 45K,	, pH 11 I, SN N PR 29.	, Cl 92K, C 1H6292, Jei 3. (Drlg 21	on: Lime. Dev a 1600, Solids ts 3-11, In @ 6 ½, Surv 2 ¼, 325 units. CG	>1%, DMC \$ 063', Made 33 , RS ¼ hrs.)	1978, TM 37' In 133	C \$9777. H 34 hrs. PP	3it #4, ' 2100#,
	1									

Lease Remin	gton "18" State Com Well No 1 Location 1980' FSL & 1980' FEL
County Eddy	State NM Section 18 Township 198 Range 28E
Section	Block Survey Page 4
DATE ·	DAILY REPORTS
OCT 5 2001	9800' (400'). Operation: Drlg. Formation: Lime. Dev @ 9579' - 1 %°. MW 9.4, Vis 28, pH 10.5, Cl 110K, Ca 1600, Solids > 1%, DMC \$2472, TMC \$12,249. Bit #4, Size 7 %", Type F47H, SN MH6292, Jets 3-11, In @ 6063', Made 3737' In 156 ½ hrs. PP 2100#, RPM 60, WOB 45K, PR 17.6. (Drlg 22 %, Surv 1, RS ¼ hrs.) Remarks: Day 20. Lost 5-20 bbls/hr to seepage. BG 200 units. CG 400 units. (FL)
OC T 6 2001	10065' (265'). Operation: Drlg. Formation: Lime. Dev @ 9810' - 2°. MW 9.5, Vis 29, WL 14, pH 10.5, FC Film, Cl 131K, Ca 1680, Solids > 1%, DMC \$3376, TMC \$15,625. Bit #4, Size 7 1/6", Type F47H, SN MH6292, Jets 3-11, In @ 6063', Out @ 9810', Made 3747' In 156 3/4 hrs. Bit #5, Size 7 1/6", Type F47H, SN MH9556, Jets 12-12-13, In @ 9810', Made 255' In 16 hrs. PP 1800#, RPM 60, WOB 45K, PR 16.3. (Drlg 16 1/4, Trip 7, Surv 1/4, Wash to Btm 1/2 hrs.) Remarks: Day 21. Losing 5-15 bbls/hr to seepage. Started mud up @ 10000'. BG 350 units. CG 400 units. TG 405 units. (FL)
OCT 7 2001	10182' (117'). Operation: Trip f/downhole leak. Formation: 70% Lime - 30% Shale. MW 9.5, Vis 29, WL 15.2, pH 10, PV 2, YP 2, FC 1/32's, Cl 125K, Ca 1600, Solids >1%, DMC \$7079, TMC \$22,704. Bit #5, Size 7 %", Type F47H, SN MH9556, Jets 12-12-13, In @ 9810', Made 372' In 26 % hrs. PP 1850#, RPM 60, WOB 45K, PR 10.9. (Drlg 10 %, Trip 13, Wash to Btm ½ hrs.) Remarks: Day 22. Losing 5-15 bbls/hr to seepage. Trip for hole in DP @ 10106' (95 stds) & @ 10182' (97 stds). BG 350 units. CG 400 units. TG 1390 units. (FL)
OCT 8 2001	10405' (223'). Operation: Drlg. Formation: Lime. Dev @ 10173' - 1 ¾°. MW 9.5, Vis 30, WL 10.2, pH 10, PV 3, YP 2, FC 1/32's, Cl 115K, Ca 1480, Solids 1%, DMC \$5167, TMC \$27,871. Bit #5, Size 7 ½", Type F47H, SN MH9556, Jets 12-12-13, In @ 9810', Made 595' In 47 ½ hrs. PP 1450#, RPM 60, WOB 45K, PR 10.7. (Drlg 20 ¾, Trip 2 ¼, Surv ¾, Wash to Btm ¼ hrs.) Remarks: Day 23 Losing 5-15 bbls/hr to seepage. BG 100 units. CG 250 units. TG 405 units. (FL)
OCT 9 2001	10605' (200'). Operation: Drlg. Formation: 80% Lime - 20% Shale. Dev @ 10420' - 1 ¼°. MW 9.6, Vis 32, WL 9, pH 10, PV 4, YP 2, FC 1/32's, Cl 112K, Ca 1320, Solids 2.1%, DMC \$5468, TMC \$33,339. Bit #5, Size 7 ½", Type F47H, SN MH9556, Jets 12-12-13, In @ 9810', Made 795' In 70 ¼ hrs. PP 1450#, RPM 60, WOB 50K, PR 8.8. (Drlg 22 ¾, Surv 1, RS ¼ hrs.) Remarks: Day 24 Losing 5-15 bbls/hr to seepage. BG 150 units. CG 250 units. TG 0 units. (FL)
OCT 10 2001	10835' (230'). Operation: Drlg. Formation: 60% Lime - 40% Shale. Dev @ 10670' - 1 ¼°. MW 9.5, Vis 32, WL 7.8, pH 10, PV 5, YP 3, FC 1/32's, Cl 110K, Ca 1200, Solids 2%, DMC \$5861, TMC \$39,200. Bit #5, Size 7 ½", Mfg. Smith, Type F47H, SN MH9556, Jets 12-12-13, In @ 9810', Made 1025' In 92 ¾ hrs. PP 1450#, RPM 60, WOB 55K, PR 10.2. (Drlg 22 ½, Surv 1 ¼, RS ¼ hrs.) Remarks: Day 25 Losing 8-10 bbls/hr to seepage. BG 250 units. CG 400 units. TG 0 units. (FL)
OCT 11 2001	11100' (265'). Operation: Drlg. Formation: 30% Lime - 40% Shale - 30% Sand. MW 9.75, Vis 32, WL 10.6, pH 10, PV 5, YP 3, FC 1/32's, Cl 105K, Ca 1100, Solids 3%, DMC \$4053, TMC \$43,253. Bit #5, Size 7 7/6", Make Smith, Type F47H, SN MH9556, Jets 12-12-13, In @ 9810', Made 1290' In 115 3/4 hrs. PP 1450#, RPM 60, WOB 50K, PR 11.5. (Drlg 23, Circ 3/4, RS 1/4 hrs.) Remarks: Day 26. Losing 8-10 bbls/hr to seepage. BG 100 units. CG 250 units. (FL)

Lease Remin	gton "18" State Com Well No 1 Location 1980' FSL & 1980' FEL
County Edd	State NM Section 18 Township 19S Range 28E
Section	Block Survey Page 5
DATE	DAILY REPORTS
OCT 12 2001	11180' (80'). Operation: Logging. Formation: Shale. Dev @ 11131' - 1°. MW 9.7, Vis 31, WL 7, pH 10, PV 6, YP 3, FC 1/32's, Cl 98K, Ca 1040, Solids 3.6%, DMC \$1380, TMC \$44,633. Bit #5, Size 7 %", Make Smith, Type F47H, SN MH9556, Jets 12-12-13, In @ 9810', Made 1370' In 122 ½ hrs. PP 0#, RPM 60, WOB 50K, PR 11.9. (Drlg 6 ¾, Circ 4, Trip 6, Surv ¼, RU Loggers ½, Logging 6 ½ hrs.) Remarks: Day 27. Lost 32 bbls on Trip. Seeping 5 bbls/hr while logging. SLM = 11179.32'. Loggers TD = 11179'. BG 100 units. CG 250 units. (FL/TB)
OCT 13 2001	11180' (0'). Operation: LD DP. Formation: Shale. MW 9.7, Vis 31, WL 7, pH 10, PV 6, YP 3, FC 1/32's, Cl 98K, Ca 1040, Solids 3.6%, DMC \$0, TMC \$44,633. Bit #5, Size 7 1/6", Make Smith, Type F47H, SN MH9556, Jets 12-12-13, In @ 9810', Out @ 11180', Made 1370' In 122 1/2 hrs. PP 0#, RPM 60, WOB 50K, PR 0. (Circ 3, Trip 5 1/2, Logging 10, RD Loggers 1 1/2, Cut Drlg Line 1, RU LD Machine 1/2, LD DP 2 1/2 hrs.) Remarks: Day 28. Seeping 3-5 bbls/hr while circulating. BG 100 units. CG 250 units. (TB)
OCT 14 2001	11180' (0'). Operation: Jets & Clean Pits. Formation: Shale. MW 9.7, Vis 31, WL 7, pH 10, PV 6, YP 3, FC 1/32's, Cl 98K, Ca 1040, Solids 3.6%, DMC \$3995, TMC \$48,628. (LD DP 3 ½, Break Kelly ¼, LD DC ¾, RU Csg Crew 1, Run 5 ½" Csg 8, Circ 1 ¾, Cmtl ¼, ND BOP 1, Set Slips ¼, Rough Cut & LD BOP 1 ¼, Dress Stub & Install Tbg Head 2, Jet & Clean Pits 3 hrs.) Remarks: Day 29. (TB)
	1 5 ½" Weatherford Float Shoe 1.94" 2 5 ½" 17# S95 LT&C Csg 65.89" 1 5 ½" Weatherford Float Collar 1.68" 56 5 ½" 17# S95 LT&C Csg 2425.03" 168 5 ½" 17# N80 LT&C Csg 7617.06" 25 5 ½" 17# S95 LT&C Csg 1075.66" Total Csg 11187.16" Less Above KB 7.16" Csg Set @ 11180.00"
	Cmt w/575 sks Super "H" Mod (15:61:11) Poz:H:CSE, 5# Salt, 5# LCM, .7% FL25, .7% FL52 & .7% SMS (mixed @ 13.0 ppg, yield 1.74 cu.ft/sx). Plug down @ 10:30 pm 10/13/01. Lift pressure 1700# @ 6.9 BPM & 1500# @ 2.5 BPM. Check floats. Floats held. Set 168K on slips.
OCT 15 2001	11180' (0'). Operation: Rig Down. (Jet & Clean Pits 1 ½, Rig Released. WO Trucks 22 ½ hrs.) Remarks: Day 30. Rig Released 7:30 am 10/14/01. (TB)
OCT 16 2001	WOPU.
OCT 17 2001	SITP slight vacuum. SICP 0#. MIRU Computalog Wireline. RIH w/4.343" gauge ring & junk basket to TD @ 11095' FS. POOH w/tools. RIH w/GR, CCL & CBL. Logged btm 500' without pressure. Ran main pass w/500#. Ran repeat pass w/1000#. TOC @ 7774'. POOH. RD wireline. NU flange. MI & unloaded 287 jts 2 1/8" P105 tbg from Baldridge Canyon "6" St #1. Cleaned location. Filled cellar. Built pad for tanks & stack pack. Set anchors. (DP)
OCT 18 2001	MIRU L&R Well Service. Unload & tally 69 jts (2238') of new 2 1/6" 6.5 # P110 EUE 8RD tbg purchased from Phillips Casing & 287 jts (9330') 2 1/6" P110 EUE 8RD tbg (transferred from Baldridge Canyon "6" St #1). NU BOP. RIH w/4 3/4" bit, 5 1/2" csg scraper, X-O & 342 jts tbg. Tagged PBTD @ 11100' by tbg tally. Tried to drill out cmt on btm. Did not make any hole. Circulated btms up w/FW. Pressure tested csg to 1000#, held OK. SDFD. (LP)

Lease Remin	gton "18" State Com Well No 1 Location 1980' FSL & 1980' FEL.				
County Edd	State NM Section 18 Township 198 Range 28E				
Section	Block Survey Page 6				
DATE	DAILY REPORTS				
OCT 19 2001	Circ. hole w/260 bbl 2% KCL water & pkr fluid. POOH w/tbg, scraper & bit. RU Hydrostatic Testers Inc. TIH w/pkr & prod. string. Testing tbg to 10,000# above slips. ND BOP set pkr @ 10576' w/19 pts compression. Tried to NU wellhead had wrong wrap around. Removed wrap around, set tree on csg flange. Will install correct wrap-around & NU wellhead in a.m. Tbg string as follows: (31 jts. Tbg left on pipe racks) (LP) 1 2 ½" Wireline Entry Guide 1 2.205"x 2.313" XN Landing Nipple(FG) 1 1.10 1 2 ½"6.5# P-110 EUE 8RD Tbg 1 0/O Tool w/ 2.313 'X' profile(FG) 1 2 ½" x 5 ½" Milcor M-1X pkr (FG) 1 0/O Tool w/ 2.313 'X' profile(FG) 1 1.82 325 jts 2 ½" 6.5# P-110 EUE 8 rd tbg 1 10,576.33' Total Tbg. KB CORR.				
OCT 20 2001	SITP 0#. SICP 0#. Installed wrap-around & NU wellhead. Pressure tested flange & seals to 5000#, held OK. MIRU Hughes pump truck. Loaded & pressured backside to 1500# w/3 bbls 2% KCl, held OK. RDMO pump truck. RU swab. IFL @ surface. Made 9 swab runs. FFL @ +/- 8000'. LD swab. MIRU Computalog Wireline. RIH w/2 1/6" gauge ring, junk basket, CCL & GR. Logged from PBTD thru pkr. PBTD @ 11102' & EOT @ 10594'. POOH w/wireline. FL @ 7000' FS. RD wireline. SWI. Will perforate in am. SDFD. (JC)				
OCT 21 2001	SITP 0#. SICP 0#. RU Computalog Wireline w/5000# lubricator. RIH w/2 1/6" x 10' spiral shotgun strip & CCL w/24' x 1 11/16" sinker bars. Had considerable drag w/1st strip. RIH to 1800'. POOH w/wireline & take guide off strip. RIH to 2000' w/same drag. POOH & changed out spiral strip. RIH thru profiles w/no drag. IFL @ 7000' FS. Perforated Basal Morrow @ 11062'-11071.5', 4 SPF (38 holes). Had no change in tbg pressure. POOH w/strip. FL @ 7500' FS. RIH w/2 1/6" x 10' spiral shogun strip. FL @ 7900' FS. Perforated Basal Morrow @ 11071.5'-11081', (4 SPF - 38 holes). Had slight blow on tbg. Perfs are 11062'-11081', 4 SPF (76 holes), 60° Phasing, 14 GC, .27" EH & 23.64" penetration. POOH w/wireline. Pulled into lubricator & pulled out of rope socket. Dropped rope socket, 4 - 1 11/16" sinker bars, CCL, X/O, firing head & spiral strip. SITP @ 28#. RIH w/1 - 1 11/16" x 5' sinker bar & CCL. Tagged fish in tbg @ 7275'. POOH. RIH w/1" grapple, jars & sinker bar on big line. Caught fish @ 7275'. Worked jars until grapple lost bite. Did not move fish. POOH w/wireline. SWI & SDFD. (JC)				
OCT 22 2001	SITP 100#. SICP slight vacuum. RIH w/Computalog big line w/2 ¼" overshot w/1 7/16" grapple, jars & sinker bar. Caught fish @ 7275'. Worked fish until jars quit & pulled 5000# on fish. Could not get movement w/fish. Sheared off grapple & POOH w/wireline. RDMO Computalog. Will pull tbg in am. Left well SI. SDFD. (JC)				
OCT 23 2001	SITP 20#. SICP 0#. MIRU Hughes pump truck. Pumped 1 bbl 2% KCl down backside. Loaded tbg w/42 bbls 2% KCl. ND tree & wrap-around. NU BOP. Attempted releasing pkr but had no pickup or movement in pkr. Measured tbg stretch & calculated free point @ +/- 7000'. Pumped on backside again & after 1 bbl broke circulation out tbg. Pumped 3 bbls 2% KCl 1BPM @ 200# w/full returns. SD pump. RDMO pump truck. SWI. SDFD. (JC)				
OCT 24 2001	SITP slight vacuum. SICP 0#. MIRU Computalog Wireline. RIH w/Free Point Tools & CCL. Tbg free down to top of fish. (TOF @ 7260'. 1st tbg collar @ 7246'.) POOH w/wireline. FL @ 650' FS. Worked tbg from 30K# to 100K#. Torqued tbg w/tongs & worked tbg. RU power swivel & torqued tbg. Lost some torque to btm. Moved tbg 4' up hole. RIH w/CCL & tagged fish @ 7256' @ 1st collar @ 7242'. Ran CCL log from 2500' to surface. Log indicated no holes in tbg. PU BOP & confirmed 5 ½" csg is setting in slips. NU BOP. SWI & SDFD. (JC)				

Lease <u>Remin</u>	gton "18" State Com	Well No1_	Locatio	n <u>1980' FSL &</u>	z 1980' FEL
County Eddy	State NM	Section 18	Township		inge <u>28E</u>
Section	Block		Survey	Page	7
DATE		DAILY REPOR	RTS		
OCT 25 2001	SITP slight vacuum. SICP 0 more tbg movement. POOH stand w/fish. Had 11' of 1 1 POOH w/remainder of tbg, (am. (JC)	[w/tbg w/20-30K 1/16" sinker bars c	drag & tagging each outside tbg. Recovered	csg collar. POOH t ed remainder of fish	to fish. LD h inside tbg.
OCT 26 2001	SITP slight vacuum. SICP 0 CCL. IFL @ 1250' FS. Ran @ 7296'. LD logging tool. I POOH. RIH w/4.66" gauge w/gauge ring & junk basket. cmt on CIBP. New PBTD @ vacuum. (JC)	Csg Inspection Lo RIH w/4.71" gauge ring to 8000'. Had RIH w/5 ½" CIB	og from 8000' to surf e ring & junk basket. I slight drag in & out P & set @ 7990'. PO	ace. Log indicated Would not go pas tight spot @ 7296' DOH w/setting tool	csg damage t 7296'. ', POOH . Placed 15'
OCT 27 2001	Strong vacuum on 5 ½" x 8 7495'. MIRU OK Hot Oil puheld for 30 mins, held OK. I Tool 4 ¾" csg swedge, burn swedge on tight spot for 1 hr SDFD. Will retest & log csg Moved 2 - 210 bbl steel tank (w/top) from Palmillo "18" S Remington 18 St #1. (DP)	ump truck. Loaded Bled pressure to piper sub, hydro jars (had to hit swedg g in am. (JC) as from Chalk Bluf St #1 & moved 1 N	d hole w/13 bbls. Price RDMO pump truce, 6 - 3 ½" DC's & 2 7 e 4 times to go thru t ff "6" St #1, moved 1	essure tested csg to ck. POOH w/tbg. 1/4" P110 tbg to 729 ight spot). LD 2 jts - 210 bbl 6' x 16' F	3000# & RIH w/Davis 96'. Worked s tbg. SWI & Fiberglass tank
OCT 28 2001	SITP 0#. SICP 0#. RIH w/2 Worked 4 ¾" csg swedge in yesterday). POOH w/3 jts th tested csg to 3000#. Monito POOH w/tbg & LD jars, bun Caliper Tool & log csg from log same interval. POOH. I	& out tight spot 4 bg. MIRU I&W pured for 15 min, helpper sub & csg sw 7400' to 7200'.	5 mins. Had 10-15K imp truck. Loaded h ld OK. Released pre edge. MIRU Compu OOH w/wireline. RI	# drag both direction ole w/10 bbls FW of state & RDMO putation with the wide with the	ons (same as & pressure mp truck. H w/40 Arm
OCT 29 2001	SD for Sunday. (JC)				
OCT 30 2001	SICP 0#. RIH w/4 ¾" bit, bit, bit, 27296'. Tagged PBTD @ 798 FW & drilled 10' cmt to CIB swivel. Continued RIH w/tb w/250 bbls 2% KCl wtr & 1.5 SDFD. (JC)	80'. RU Davis Too P @ 7990'. Drille g. Tagged PBTD	ol Reverse unit & swi d CIBP in 45 mins. @ 11100'. PU 4' off	ivel. Broke circulated well clear but the best of the	tion w/2 bbls an & LD culated hole
OCT 31 2001	SITP slight vacuum. SICP 0 Testers. RIH w/pkr, O/O To any drag thru tight spot @ 72 tree & wrap-around. Tested Loaded annulus w/3 bbls 2% RDMO pump truck. RU swe FFL @ 7500'. SWI & SDFC (Cont.)	ol & production st 296' & all tbg teste tree to 3500# & fl KCl & pressured ab. IFL @ 150' FS	tring. Tested tbg to 1 d OK. ND BOP. Se ange to 5000#, held tested to 2000#, held	.0K# above slips. I ot pkr w/20 pts com OK. MIRU OK pu il OK. Bled off pres	Did not see pression. NU mp truck. ssure.

Lease _	Remine	ton "18" Stat	e Com		Well No	1	Location	1980)' FSL & 191	80' FEL_
County	Eddy		_State _	NM_	Section	18	_ Township	1 <u>9S</u>	Range	_28E
Section			Block		• • •	Survey			Page 8	
DAT	E				DAILY F	REPORTS				
OCT 31 (Cont.)	2001	Production	string as	follows	: (NOTE	: Left 27 jts 2	%" P110 tbg o	n location)	(JC)	
			1 1 1 1 1 325		2 1/8" 6.5# 5 1/2" x 2 7/ 5 1/2" x 2 7/	.205" XN Lar P110 EUE 81 6" Milcor M1 6" O/O Tool P110 EUE 81	RD Tbg Sub X Carbide Pkr w/2.313 X Prof	ile		.40' 1.30' 10.12' 6.89' 1.82' 10555.48' 10576.01' 18.00' 10594.01'
NOV 1 2	2001	recovered 2 Tree Savers w/4000 gal Form broke mins 4030# I&W. SITI @ 7000' FS	20 bbls gars Internatis 7 1/2% Ne @ 5326# #, 10 mins P 2900#.	s cut flu onal & leFe w/: f. Pum; 3825#, Opened swab r	nid. Swabbo I&W backs 25% Metha ped 5 BPM 15 mins 36 I well to pit uns to pit.	ed from 9900' ide pump. A nol Morrow A @ 5150# avg 639#. (BLW) on various ch Last 2 runs F)	IFL @ 6900' I FS on last run. cidized Basal M Acid w/1000 SC . Small amoun TR 162) Bled o okes. Well wa L @ 9000'. Had TR). SWI & S	LD swab forrow Per E/bbl N2 & t of ball ac ff csg. RD s dead in 2 I slight blo	. MIRU BJ rfs @ 11062 \$ 80 ball section. ISDP DMO treesav thrs. RU sv ow of flamm	Services, '-11081' alers. 4365#, 5 ver, BJ & wab. FL
NOV 2 2	001	SITP 330#. SICP 0#. Blew well down in 30 min on 12/64" choke. RIH w/swab. IFL @ 5400' FS. Swabbed tbg dry in 7 runs. Made hourly runs, thereafter w/approx 1000' fluid entry/hr. FFL @ 9100' & scattered. Recovered 59 BW. (13 BLWTR) Had continuous 4'-6' lazy flare after runs. SWI & SDFD. (This am 14 hrs SITP 310# & SICP 0#) (LP) The pipeline connection to El Paso Field Services is Remington 18 CPD. Meter #68-547, RIC 5390.						FL @		
NOV 3 2	001	Water analysis from 11/01/01 PM: SG @ 1.050, Temp 77°F, pH 5.64, Na 13072, Ca 8000, Mg 1200, Fe 10000, CL 50000, SO ₄ 450, HCO ₃ 59 (all in Mg/L). Water analysis from 11/02/01 PM: SG @ 1.050, Temp 75.2°F, pH 6.03, Na 23180, Ca 8020, Mg 486, Fe 9524, CL 48800, SO ₄ 333, HCO ₃ 20130 (all in Mg/L). SITP 310#. SICP 0#. Blew well down. RIH w/swab. IFL @ 7100' FS. Swabbed tbg dry in 4 runs. Recovered 19 BW. Made 4 hourly runs w/FFL @ 9000' to 9100' & very scattered. Had 100' fluid entry/hr. Recovered 21 BW. Had 6' lazy flare. SWI & SD for weekend. (LP)								
NOV 4 2	001	SITP 600#.	SICP 0#	. SD fo	r weekend.					
NOV 5 2	001	SITP 925#.	SICP 0#	. SD fo	r weekend.					
NOV 6 2	001	9000' FS. I w/60 bbls 2 Noticed sm (LP) Water analy	Recovered % KCl wanted All amount Asis from 1	52 BW ater. N t of dra	7. Had 6'-8' D wellhead g when pkr <u>1</u> PM: SG (steady flare of & NU BOP. came through	o. IFL @ 5100' of gas. RD swa Released pkr & a bad spot in cs p 69°F, pH 5.9 n Mg/L).	b. RU pur & POOH w g @ 7300'.	np truck. L 1/60 stands t . SWI & SI	oaded tbg bg. OFD.

Lease Remi	ngton "18" State Com	Well No	1	Location	1980' FS	SL & 1980'	FEL
County Edd	y State NM	_ Section	18	Township _	19S	Range _	28E
Section	Block		Survey		P:	age <u>9</u>	
DATE		DAILY RE	PORTS				
NOV 7 2001	SITP & SICP vacuum. Co elements in hole. MIRU C FL @ 1680' FS. POOH w CIBP & CCL. Set CIBP @ PBTD @ +/- 11020'. POO RIH w/tbg & pkr as below	Computalog Wird /gauge ring & ju 1040'. POOF OH & RDMO C	eline. RIH v nk basket. I H. RIH w/dı	w/4.34" gauge : Had rubber in j	ring & junk b unk basket. I	asket to 11 RIH w/10K	075'. 5 ½"
	1 1 1 1 1 325		10 EUE 8RI Milcor M1X O/O Tool w 10 EUE 8RI	D Tbg Sub K Carbide Pkr (/2.313 X Profil		10	.40' 1.30' 10.12' 6.89' 1.82' 9555.48' 9576.01' 18.00' 9594.01'
	ND BOP & set pkr w/22 p Loaded annulus w/11 bbls pump truck. Production st Last water sample from Pe Na 22702, Ca 6817, Mg 1	2% KCl & teste ring remains the rfs 11062'-1108	d pkr to 200 same. SWI I' on <u>11/05/(</u>	00#, held OK. I & SDFD. () 01 PM: SG @	Bled off press (C) 1.05, Temp 7	sure. RDM	
NOV 8 2001	SITP 0#. SICP 0#. RU swab. IFL @ 500' FS. Made 8 runs to pit. Recovered 35 BLW. FFL @ 6500' FS. LD swab. MIRU Computalog Wireline. RIH w/2 '/s" gauge ring & junk basket w/CCL to 11000'. Ran collar log back thru pkr & correlated EOT @ 10594'. POOH w/gauge ring. FL @ 5300' FS. RIH w/2 '/s" Spiral Shogun strip & CCL. Perforated Lower Brown Sands @ 10966'-10973', 4 SPF (28 holes), .27" EH, 23.64" penetration, 14 GC, 60° phasing. Had slight blow on the POOH w/strip & wireline. FL @ 5000' FS. RDMO Computalog. SWI & SDFD. This am SITP 1720#. SICP 0#. (JC)						/CCL FL @ 6'- on tbg.
NOV 9 2001	SITP 1720#. SICP 0#. Opfluid slugs & light spray upfrom 2600' & recovered 4 SWI for 1 hr. PWOL w/TI Blew well to pit. Dropped more soap sticks. Waited PWOL. Reached LP @ 46 down to pit. Left well oper Recovered 10 BLW for day	ntil dead. Unloan BLW. Well com P @ 650#. First 3 soap sticks & 30 mins & TP buff in 35 mins. In to production to	ded 5 BLW. tinued flowi sales down recovered li nild to 400#. Flowed 325 tank on 24/6	RIH w/swab. ing on open che El Paso at 4 p. ight spray to pi . Blew well to MCF rate @ 4	IFL @ 1400 oke w/FTP @ m. Could no t for 2 hrs, S' pit & recover 80# for 1 ½ 1	FS. Made 30# for 1 of maintain WI & drop red light sp hrs. Blew	e run hr. rate. ped 3 ray. well
NOV 10 2001	FTP 100#. SICP 0#. 0 BC 12-20# making good gas & to 490#. Blew well to pit to Recovered 200' fluid. Atte 2nd run w/undersized cups soap sticks & SWI for 1 hr 484# thru El Paso Natural @ 1.05, Temp 70°F, pH 6. (all inMg/L). (JC)	some light spra o w/FTP 10#. R mpted swab run to 10100'. Had v . SITP 690#. P Gas total flow.	y. Dropped LU swab. Ha w/full size overy scattere WOL @ 4:1: Recovered 5	3 soap sticks & ad scattered flucups but could defluid & recover 5 pm. Well states 5 BLW. (24 B)	& SWI for 30 sid from 8700 not get below vered 100' flu abilized @ 40 LWTR). Wat	mins. SIT to 10100', v 5600' FS. id. Droppe 9 MCF/d v ter sample:	P built Made ed 3 w/LP@
NOV 11 2001	FTP 495#. SICP 0#. 0 BC	, 0 BW, 265 MC	CF. (24/64"	ck) LP 185#.	(16 hrs OT)		

			Com							
County	Eddy		State NM	Section	18	Towns	hip <u>19</u>	<u>s</u>	Range	e <u>28E</u>
Section			Block		Surv	ey		P	age	10
DAT	E			DAILY	REPORTS					
NOV 12	2001 F	TP 520#. S	ICP 0#. 0 BO,	0 BW, 416	MCF. (24/	64" ck) LP	507#. (2	4 hrs OT)		
NOV 13	2001 F	TP 500#. S	ICP 0#. 0 BO,	0 BW , 430	MCF. (24/	64" ck) LP	504#. W	ill acidize	this an	n.
NOV 14:	B W 54 m Fl M	reesavers In rown Sand //1000 SCF/ 450# w/no lains 4619#. lowed well fade 4 runs zy flame or	ICP 0#. 0 BO, ternational & C perfs @ 10966' bbl N2 & 42 ba ball action. Flux (84 BLWTR) to pit on variou & recovered 10 topen choke at (IC)	OK Hot Oil -10973' (28 Il sealers. shed w/2% Bled off Ci s chokes. BLW. La	backside pu 3 holes) w/20 Formation b KCl & N2. P. RDMO to After 2 hrs, v st run fluid v	imp. (SITP 200 gals 7 ½ 200ke @ 595 ISDP 5137 reesaver, ba well was der was scattere	in 1 ½ hr 2% NeFe 50# to 545 #, 5 mins ckside pu ad. RIH v d from 96	s 1562#.) acid & 25 0#. Avg 4941#, 10 mp & BJ. v/swab. I 00' to 101	Acidiz % meth inj rate 0 mins SITP 3 FL @ 8	ted Lower nanol 3 BPM @ 4717#, 15 3300#. 200'. 'ell had 6'
NOV 15	w ru w	/swab. IFL in recovered rell to pit bu	SICP 0#. Blev @ 6400' FS so: I 100' fluid from t did not unload ng. FTP 525#, 1	attered to 9 n 10200'. I l fluid. PW	0600'. Made Oropped 3 so VOL. RDMO	3 runs & re pap sticks & O L&R unit	covered 9 SWI for . At 2:00	BLW (20 30 mins.	BLW SITP 3	TR). Last 00#. Blew
NOV 16	2001 F	TP 470#. 0	BO, 0 BW, 232	2 MCF. 32	2/64" choke.	(LP 463#)	OT 17 hr	s.		
NOV 17	2001 F	TP 420#. 0	BO, 0 BW, 37:	5 MCF. 32	2/64" choke.	(LP 421#)	OT 24 hr	s.		
NOV 18	2001 F	TP 430#. 0	BO, 0 BW, 403	3 MCF. 32	./64" choke.	(LP 432#)	OT 24 hr	s.		
NOV 19	2001 F	TP 430#. 0	BO, 0 BW, 418	3 MCF. 32	2/64" choke.	(LP 428#)	OT 24 hr	s.		
NOV 20 2	2001 F	TP 430#. 0	BO, 0 BW, 423	7 MCF. 32	2/64" choke.	(LP 423#)	OT 24 hr	s. Willfr	ac this a	am. (LP)
NOV 21 2	lir % fo	nes. Load o	BO, 0 BW, 430 sg w/½ bbls 29 66 gal 40# Line	6 KCl & pi	ressure esg to	o 1500#. Fi	rac Morro	w (10966	-10973	') down 2
	(0	Jals)	Stage Fluid	_		<u>PPG</u>	BP		STP	SCP
		1000	70Q Binary 1			0	15.		8647	2585
		500	70Q Binary I			0.5	15.		3532	2598
		000	70Q Binary I			1.0	15.		3432	2582
		500	70Q Binary]			1.5	15.		8622	2604
		000	70Q Binary 1			2.0	14.		9143	2596
		500 700	70Q Binary 1			2.5	14.		9408	2579 2630
		200	70Q Binary 1 70Q Binary 1		h	3.0 0	14. 14.		9760 9685	2630 2515
	m Bi lif ch	in 4134#. I LWTR) Op fting heavy nokes. At 2:	ATP 8935#. RD BJ & treesarent opit on varmist of fluid w/ 00 am, well load tunloading stea	ver. RU flo ious choke small amou ded up. Op	owback manes. At 5:00 punts of sand. bened well to	ufold. SITP om, well flo Continued 64/64" cho	4000# & wing w/98 I flowing oke. This r	SICP 10 30# FTP owell oven morning 7	00# in 2 on 16/64 night or 'AM flo	2 hrs. (311 4# choke 1 various 1 wing

Lease Remir	ngton "18" State Com Well No 1 Location 1980' FSL & 1980' FEL
County Edd	y State NM Section 18 Township 19S Range 28E
Section	Block Survey Page 11
DATE	DAILY REPORTS
NOV 22 2001	Water analysis from 11/21/01: SG @ 1.045, Temp 67.5°F, pH 6.38, Na 17223, Ca 2446, Mg 535, Fe 1914, CL 34000, SO4 478, HCO3 1074 (all in Mg/L). Continued flowing well to pit on open 94" ck w/50#-60# FTP, unloading heavy mist of fluid. Gas would burn continuously. By 11:30 am, sand cleared up. Flowed well to pit until 3:30. Put well down sales line @ 3:30 pm w/420# FTP, 420# LP & 561 MCF/d rate on 18/64" ck. (LP)
NOV 23 2001	FTP 420#. 0 BO, 15 BW, 420 MCF. Chg ck to 18/64" ck. (LP 432#) (OT 16 hrs)
NOV 24 2001	FTP 440#. 0 BO, 13 BW, 652 MCF. Chg ck to 24/64" ck. (LP 447#) (OT 24 hrs)
NOV 25 2001	FTP 440#. 0 BO, 7 BW, 674 MCF. 24/64" ck. (LP 434#)
NOV 26 2001	FTP 460#. 0 BO, 8 BW, 700 MCF. 24/64" ck. (LP 439#)
NOV 27 2001	FTP 460#. 0 BO, 6 BW, 755 MCF. 24/64" ck. (LP 443#).
NOV 28 2001	FTP 460#. 2 BO, 3 BW, 771 MCF. 24/64" ck. (LP 467#).
NOV 29 2001	FTP 430#. 0 BO, 5 BW, 787 MCF. 24/64" ck. (LP 417#)
NOV 30 2001	FTP 340#. 2 BO, 2 BW, 809 MCF. 24/64" ck. (LP 329#)
DEC 1 2001	FTP 380#. 0 BO, 5 BW, 803 MCF. 24/64" ck. (LP 383#)
DEC 2 2001	FTP 440#. 1 BO, 3 BW, 792 MCF. 24/64" ck. (LP 444#)
DEC 3 2001	FTP 430#. 2 BO, 3 BW, 801 MCF. 24/64" ck. (LP 422#)
DEC 4 2001	FTP 435#. 0 BO, 6 BW, 796 MCF. 24/64" ck. (LP 432#)
DEC 5 2001	FTP 480#. 0 BO, 4 BW, 788 MCF. 24/64" ck. (LP 476#)
DEC 6 2001	FTP 460#. 0 BO, 5 BW, 804 MCF. 24/64" ck. (LP 450#)
DEC 7 2001	FTP 450#. 1 BO, 0 BW, 799 MCF. 24/64" ck. (LP 454#)
DEC 8 2001	FTP 450#. 0 BO, 4 BW, 795 MCF. 24/64" ck. LP 443#.
DEC 9 2001	FTP 450#. 5 BO, 1 BW, 793 MCF. 24/64" ck. LP 450#.
DEC 10 2001	FTP 435#. 1 BO, 0 BW, 791 MCF. 24/64" ck. LP 428#.
DEC 11 2001	FTP 440#. 0 BO, 4 BW, 791 MCF. 24/64" choke. LP 425#.
DEC 12 2001	FTP 410#. 1 BO, 2 BW, 797 MCF. 24/64" ck. LP 420#.
DEC 13 2001	FTP 380#. 0 BO, 5 BW, 790 MCF. 24/64" choke. LP 367#.
DEC 14 2001	FTP 450#. 0 BO, 3 BW, 799 MCF. 24/64" ck. LP 443#.
DEC 15 2001	FTP 450#. 0 BO, 4 BW, 788 MCF. 24/64" ck. LP 441#.

Lease Remir	acton "18" State Com Well No 1 Location 1980' FSL & 1980' FEL
County Edd	y State NM Section 18 Township 19S Range 28E
Section	Block Survey Page 12
DATE	DAILY REPORTS
DEC 16 2001	FTP 450#. 0 BO, 3 BW, 786 MCF. 24/64" ck. LP 445#.
DEC 17 2001	FTP 450#. 0 BO, 3 BW, 783 MCF. 24/64" ck. LP 440#.
DEC 18 2001	FTP 430#. 0 BO, 2 BW, 779 MCF. 24/64" ck. LP 424#.
DEC 19 2001	FTP 425#. 0 BO, 2 BW, 779 MCF. 24/64" ck. LP 423#. (Soaped well.)
DEC 20 2001	FTP 425#. 5 BO, 0 BW, 774 MCF. 24/64" ck. LP 442#. (Soaped well.)
DEC 21 2001	FTP 435#. 0 BO, 4 BW, 776 MCF. 24/64" ck. LP 441#. (Soaped well.)
DEC 22 2001	FTP 435#. 2 BO, 1 BW, 773 MCF. 24/64" ck. LP 428#.
DEC 23 2001	FTP 445#. 1 BO, 4 BW, 778 MCF. 24/64" ck. LP 443#.
DEC 24 2001	FTP 440#. 0 BO, 3 BW, 770 MCF. 24/64" ck. LP 426#. (Soaped well.)
DEC 25 2001	FTP 365#. 0 BO, 3 BW, 772 MCF. 24/64" ck. LP 364#.
DEC 26 2001	FTP 420#. 0 BO, 2 BW, 756 MCF. 24/64" ck. LP 431#.
DEC 27 2001	FTP 420#. 0 BO, 0 BW, 755 MCF. 24/64" ck. LP 429#.
DEC 28 2001	FTP 420#. 0 BO, 2 BW, 757 MCF. 24/64" ck. LP 384#.
DEC 29 2001	FTP 430#. 0 BO, 0 BW, 748 MCF. 24/64" ck. LP 424#. Soaped well.
DEC 30 2001	FTP 430#. 0 BO, 2 BW, 747 MCF. 24/64" ck. LP 412#. Soaped well.
DEC 31 2001	FTP 410#. 0 BO, 0 BW, 741 MCF. 24/64" ck. LP 405#.
JAN 1 2002	FTP 420#. 0 BO, 1 BW, 744 MCF. 24/64" ck. LP 413#.
JAN 2 2002	FTP 420#. 0 BO, 6 BW, 733 MCF. 24/64" ck. LP 424#.
JAN 3 2002	FTP 430#. 1 BO, 1 BW, 731 MCF. 24/64" ck. LP 426#.
JAN 4 2002	FTP 400#. 0 BO, 1 BW, 722 MCF. 24/64" ck. LP 389#. (Drop from report.)
JAN 29 2002	FTP 430#. 3 BO, 1 BW, 640 MCF. LP 427#. SWI @ 2:00 pm for El Paso shutdown.
JAN 30 2002	SITP 2400#. 0 BO, 0 BW, 188 MCF. LP 412#. SI 17 hrs for El Paso shutdown.
JAN 31 2002	SITP 2500#. SI 46.5 hrs for El Paso shutdown. PWOL @ 12:30 pm.
FEB 1 2002	SITP 1680#. 0 BO, 1 BW, 546 MCF. (OT 18.5 hrs) SI 52 hrs for El Paso shutdown. PWOL @ 12:30 pm. (Drop from report.)
JUL 11 2002	FTP 400#. CP 0#. SOP & BTT 2 ½ hrs. Unload approx 5 bbls wtr. Put down line @ 400
JUL 12 2002	MCF/day rate. FTP 425#. 0 BO, 1 BW, 333 MCF, LP 440#. (OT 21 hrs). (Drop from report.)

Lease Remin	gton "18" State Com Well No 1 Location 1980' FSL & 1980' FEL							
County Eddy	State NM Section 18 Township 19S Range 28E							
Section	Block Survey Page 13							
DATE DAILY REPORTS								
MAR 4 2003	MI & set up compressor. (DP)							
MAR 5 2003	Set C42 Ajax w/5 ¼" x 3 ¾" cylinders. Left compressor running on line @ 2:00 pm w/120# suction, 250# Interstage & 380# discharge @ 270 MCF/d rate. (DM)							
APR 9 2003	SWI for El Paso. PWOL this am.							
APR 10 2003	SITP 480# in 11 hrs. SWI for El Paso. PWOL.							
JUL 15 2004	FTP 0#. Blew well to tank overnight. Recovered 1 BW. MIRU swab unit. RIH w/swab. IFL @ 6800' FS. Made total of 19 runs. FFL @ 8000' & scattered. Recovered 1 BW on last 2 runs. Good blow of gas after run. Swabbed total of 28 BW. At 6:00 pm, PWOL thru compressor @ 178 MCF/d spot rate. (LP)							
JUL 16 2004	FTP 100#. 0 BW, 1 BW, 98 MCF. (OT 24 hrs) LP 617#. RDMO swab unit. (Drop from report.)							
JUL 29 2004	Water analysis from 07/27/04: SG @ 1.035, Temp 70°F, pH 6.75, Na 16802, Ca 1600, Mg 480, Fe 500, CL 30000, SO ₄ 200, HCO ₃ 878 (all in Mg/L).							
SEP 14 2004	SI Monday. SI for El Paso.							
SEP 15 2004	SITP 75#. (7 hrs) SI for El Paso.							
SEP 16 2004	SITP 720#. (24 hrs) SI for El Paso.							
SEP 17 2004	SITP 800#. (48 hrs) SI for El Paso. Well back on line Thursday 09/16/04.							
OCT 1 2004	FTP 70#. SICP 0#. 0 BO, 0 BW, 42 MCF. Blew well down. MIRU Aires swab unit. RIH w/swab. IFL @ 3600'. Made 4 runs & recovered 10 bbls. Made last run from pkr @ 10550'. LD swab. PWOL thru compressor w/FTP 200# @ 260 MCF/d spot rate. (JC)							
OCT 2 2004	FTP 50#. SICP vacuum. 0 BO, 0 BW, 42 MCF. Well flowing thru compressor @ 80 MCF/d spot rate. Blew well down to production tank. RIH w/swab. IFL @ 6000' scattered to pkr. Made 4 runs w/last 3 from pkr. Recovered 7 BW. LD swab. RDMO swab unit. PWOL thru compressor @ 87 MCF/d spot rate. (JC)							
OCT 3 2004	FTP 40#. SICP 0#. 0 BO, 0 BW, 115 MCF. (OT 24 hrs)							
OCT 4 2004	FTP 40#. SICP 0#. 0 BO, 0 BW, 96 MCF. (OT 24 hrs) Soaped well. (Drop from report.)							
JAN 11 2005	FTP 80#. 0 BW, 0 BW, 43 MCF. Compressor down. MIRU Key Swab unit. Poured new rope socket. RIH w/swab. IFL @ 6000' FS & solid. Made 2 runs & recovered 9 BW. FFL @ 6600'. Left well blowing to tank overnight w/slight blow. Hanover working on compressor. (LP)							
JAN 12 2005	Light blow on tbg. RIH w/swab. IFL @ 6100' FS. Made 7 runs & recovered 10 ½ BW. FFL @ 10,000' & scattered. RDMO swab unit. Hanover finished compressor repairs. PWOL @ 2:00 pm @ 90 MCF/d spot rate. (LP)							
JAN 13 2005	FTP 70#. 0 BW, 0 BW, 52 MCF. (OT 16 hrs) (Drop from report.)							

Lease <u>Remin</u>	gton "18" State Com Well No 1 Location 1980' FSL & 1980' FFL							
County <u>Eddy</u>	State NM Section 18 Township 19S Range 28E							
Section	Block Survey Page 14							
DATE	DAILY REPORTS							
APR 30 2005	FTP 80#. 0 BO, 0 BW, 84 MCF. MIRU swab unit. IFL @ 8600' FS & scattered. Swabbed tbg dry in 2 runs. Recovered 10 ½ bbls wtr. Made 3 hourly runs. FFL scattered. Recovered ¼-½ BW/run. PWOL thru compressor @ 5:00 pm @ 200 MCF/d spot rate. (LP)							
MAY 1 2005	FTP 80#. 12 BO, 0 BW, 63 MCF. (OT 14 hrs) Soaped well.							
MAY 2 2005	FTP 80#. 0 BO, 0 BW, 111 MCF. (OT 24 hrs)							
MAY 3 2005	FTP 80#. 0 BO, 0 BW, 77 MCF. (OT 24 hrs) RDMO swab unit. (Drop from report.) (LP)							
JAN 21 2006	FTP 75#. SICP 0#. O BO, 0 BW, 40 MCF. MIRU Key PU. Well flowing through compressor @ 37 MCF/d spot rate. Blew well down to production tank. RIH w/swab. IFL @ 6600' FS. Made 4 swab runs & swabbed tbg dry. Last run from 10,550' (Packer) w/no recovery. Recovered 6 ½ BW total. PWOL. (JC)SDFD.							
JAN 22 2006	FTP 300#. SICP 0#. O BO, 6 BW, 0 MCF. Compressor down							
JAN 23 206	FTP 300#. SICP 0#. O BO, 6 BW, 0 MCF. Compressor down.							
JAN 24 2006	FTP 160#. SICP 0#. 0 BO, 0 BW, 46 MCF. Well flowing thru compressor @ 51 MCF/d spot. Blew well to tank. RU swab. IFL @ 9000' scattered to 10500'. Recovered 2 BW. Waited 1 hr & made 2 nd run. FL @ 10,000' & scattered. Recovered no fluid. LD swab & SWI. MIRU JSI slickline. RIH w/2.4" gauge ring & tagged O/O tool @ 10564' (GL). POOH. RIH w/1 '4" wt bar & tagged fill @ 10966'. (PBTD @ 11020' & Morrow perfs @ 10966'-73'.) POOH. RIH w/2.313" X plug & set @ 10564' (SLM) w/SITP 360#. POOH w/setting tool. Blew tbg down to 0#. MIRU Majority pump truck. Loaded tbg w/58 bbls 2% KCl & tested plug to 600#, held OK. RDMO JSI & Majority. ND tree & wrap-around. NU BOP & TIW valve. Released O/O tool & LD 1 jt tbg. SWI & SDFD. DC \$6943. TW \$6943. (JC)							
JAN 25 2006	SITP & SICP 0#. MIRU BJ N2 pump truck. Pumped 175,000 scf N2 to displace hole. Circulated 200 bbls wtr to tank (221 bbl cap). RDMO BJ. RIH w/1 jt tbg & latched O/O tool. Released pkr & POOH (Pulled 30 pts thru tight spot in csg @ 7300'.) Sent pkr & BHA to Hudson Packers for re-dress & MOO inventory. SWI & SDFD. DC \$12,448. TW \$21,273. (JC)							
JAN 26 2006	SICP 480#. Blew well down & recovered no fluid. RIH w/2 %" notched collar, 2 %" SN & tbg Tagged @ 10966'. MIRU Knight Air/Foam unit & WRH power swivel. Pumped air/foam 2 hrs & broke circulation. Started moving tbg & found tbg stuck. 1st returns appeared to be drlg mud & changed to foam. Circulated & worked tbg for 3 hrs w/no movement. Could not rotate tbg. Pumped 1: bbls 2% to kill tbg. RDMO WRH swivel & LD tbg check valve. NU TIW valve. Worked tbg from 70,000# to 120,000# w/no movement. Pumped 143 bbls 2% KCl & recovered 420 bbls fluid. Blev well down to light blow. SWI & SDFD. (NOTE: Transferred 10 jts (621.52' T-off) 2 %" P110 tbg from Browning 9 Fed #1.) DC \$12,826. TW \$34,099. (JC)							
IAN 27 2006	SITP 320#. SICP 260#. SI 9 ½" x 5 ½" Annulus 220#. Blew well down. Worked the to 110,000# & had no movement. MIRU Rotary WL. RIH w/free-point & CCL to 8000#. Found free point @ 7280' & 1 st the collar @ 7260'. POOH. RIH w/2 ½" OD chemical cutter & CCL. Set down @ 7264'. Pulled free & attempted cut @ 7245'. POOH. Left btm half of cutter in the RIH w/2 nd cutter & tagged @ 7264'. MIRU OK pump truck & pumped 35 bbls 2% KCl down the.							

Lease Ren	mington "18" State Com Well No 1 Location 1980' FSL & 1980' F	EL_						
County Ed	Eddy State NM Section 18 Township 19S Range 2	8E						
Section	Block Survey Page 15							
DATE	DAILY REPORTS							
JAN 27 2006	(cont'd) Attempted 2 nd cut @ 7216'. POOH w/cutter. Worked tbg & could not pull free. RIH w/chemical cutter & made cut @ 7217'. POOH w/WL. RDMO Rotary WL & OK pump truck. POOH w/221 jts tbg & 22' cut off jt (7218'). Left 116 jts & 10' cut off fish in hole (3731'). RIH w/4 11/16" x 3 ¾" overshot, bumper sub, Bowen Jars, 6 - 3 ½" DC's, Intensifier, X/O sub & tbg. Tagged fish @ 7218' & engaged overshot. SWI & SDFD. DC \$13,491. TWC \$47,590. (JC)							
JAN 28 2006	SITP 20#. SICP 15#. SI 9 %" x 5 ½" Annulus 300#. Blew well down. Worked tbg & jars on fish for 45 mins. Started moving fish & lost bite w/grapple. POOH w/46000# string wt. LD tools & stood back DC's. LD overshot w/fish. Recovered 10' cutoff jt & 2 full jts tbg w/coupling on btm (75.81'). Last jt was collapsed 26" up from coupling. Recovered chemical cutter above collapse in tbg. Left 114 jts tbg fish in hole (3655') w/top of fish @ 7294'. RIH w/2 %" coupling & tbg open-ended. Set down 10 pts @ 7269' & pulled 15 pts over wt out. Pulled to 7260'. MIRU Rotary WL. RIH w/1 %" OD tapered swage & 1 %" OD spud bars. Set down @ 7300'. POOH. RIH w/1 7/16" wt bar & CCL to 7415'. POOH w/WL. POOH w/5 jts tbg to 7100'. RIH w/1 7/16" 3-arm caliper & CCL to 7400'. Ran caliper log from 7400' to 7080'. POOH w/WL. RDMO Rotary WL. SWI & SDFD. DC \$16,968. TWC \$64,558. (IC)							
JAN 29-30 20	2006 SDFWE. TWC \$64,558. (JC)							
JAN 31 2006	SITP 10#. SICP 12#. SI 9 %" x 5 ½" Annulus 330#. POOH w/tbg. RIH w/4 ½" OD tapered swedge, bumper sub, jars, 6 - 3 ½" DC's, intensifier & tbg. Tagged @ 7268' & worked swedge down to top of fish. Worked swedge on area & had 20 pts drag in & out of tight spots. Waited 30 mins & worked swedge w/same drag. POOH & LD swedge. RIH w/4 ½" swedge w/same BHA. Tagged @ 7268' & worked swedge thru area to top of fish @ 7296'. Worked swedge on fish. Could not make any hole. Continued working swedge on tight spot (7268-7273' is the worst) taking 20 pts to go down & 30 pts over to pull out. POOH to 7057'. SWI & SDFD. DC \$10,683. TWC \$75,241. (JC)							
FEB 1 2006	SITP & SICP light blow. 9 %" x 5 ½" Annulus 420#. RIH w/4 stands tbg & tagged @ 7268'. Worked 4 ½" csg swedge from 7268' to top of fish @ 7296'. Had to bump down @ 7268' & 20 pt drag to 7296'. Up was 20 to 25 pts & 30 pts over wt @ 7268'. Did not see much improvement. Left top of fish @ 7296'. LD 10 jts tbg. POOH & LD DC's, jars, bumper sub & 4 ½" swedge. RIH w/2 ½" collar on btm & 210 jts 2 ½" P110 tbg to 6857'. ND BOP. NU tree. Released rental equipment. RDMO Key WS. Left well SI. (NOTE: Left 19 jts (621.52' T-off) 2 ½" P110 tbg on location.) DC \$12,492. TWC \$87,733. (JC)							
FEB 2 2006	SITP & SICP light blow. Will leave well SI until further evaluation. Drop from reports. TWC \$87,733. (JC)	3						
MAR 7 2006	SITP 11#. SICP 700#. Opened to sales line @ 4:15 pm. Initial rate 145 MCF/d. DC \$973. TC \$973. (LP)							
MAR 8 2006	SITP 7#. 0 BO, 0 BW, 36 MCF. (OT 16 hrs) Drop from reports.							
APR 20 2006	SITP light blow. SICP 0#. SI 9 %" x 5 ½" Annulus 50#. MIRU Key WS. ND wellhead. NU POOH w/tbg (210 jts 2 %" P110). SWI & SDFD. DC \$2730. TC \$2730. (JC)	ВОР.						

	gton "18" State ComStateNN					Range 28E
Section	Block		Survey	-		_ Page _ 16
DATE		DAILY R	EPORTS			
APR 21 2006	SICP 0#. SI 9 %" x 5 ½"	Annulus 30#.	RIH w/tbg as	follows:		
APR 22 2006	1 219	T& SDFD. D 1/20/06: SG @ 00, SO4 1600, 0#. SI 9 %" x : 1 BW. FL on 1	EH w/swab. If C \$4600. TC Q 1.125, Temp HCO ₃ 610 (al 5 ½" Annulus : ast 5 runs stay	FL @ 500' FS. \$7330. (JC) 72°F, pH 6.6: 1 in Mg/L). 20#. RIH w/s ed @ 3500' FS	5, Na 373 wab. IFL S. LD swa	69, Ca 2005, Mg . @ 1800' FS. Made ab. RDMO Key WS.