

WAD NUMBER: 99-1.L
PERFORMANCE AREA: Section A – Operations
FISCAL YEAR: 1999

CRITERIA	PERFORMANCE MEASURE	FY 1999 OUTPUT	
		MINIMUM	TARGET
1. Operate SPR sites to be able to respond to a 15-day alert for drawdown.	<p>a. Complete all Level 3 and higher milestones as assigned by the Assistant Project Manager (APM), Maintenance and Operations.</p> <p>b. Complete all Level 1 and Level 2 milestones as assigned.</p>	<p>a. Complete 90 percent of Level 3 or higher milestones on schedule, unless otherwise stated</p> <p>b. Complete 100 percent of Level 1 and Level 2 milestones, unless otherwise stated</p>	<p>a. Complete 100 percent of Level 3 or higher milestones</p> <p>b. Complete 100 percent of Level 1 and Level 2 milestones</p>
2. Manage drawdown/distribution capability program.	<p>a. Total net drawdown rate for initial 90-day period for four SPR sites, within 15 days of notice to begin drawdown (subject to oil inventory limitations and Life Extension Program (LEP) construction impacts).</p> <p>b. Minimum calculated site drawdown availability across four sites (subject to LEP construction impacts).</p> <p>c. Timely submission of Monthly Drawdown Readiness Schedule integration all critical activities from all DynMcDermott Petroleum Operations Company (DM) units having drawdown impacts.</p> <p>d. Percent of scheduled/unannounced oil movement System Test Exercises (STEs) successfully completed.</p> <p>e. Timely submission of updated 5-year STE plan.</p>	<p>a. ≥ 4.0 million barrels per day</p> <p>b. ≥ 95 percent</p> <p>c. At least 5 days before monthly Project Reviews</p> <p>d. ≥ 90 percent</p> <p>e. September 15, 1999</p>	<p>a. ≥ 4.05 million barrels per day</p> <p>b. ≥ 98 percent</p> <p>c. At least 10 days before monthly Project Review</p> <p>d. 100 percent</p> <p>e. August 31, 1999</p>

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Attachment 1

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CRITERIA	PERFORMANCE MEASURE	FY 1999 OUTPUT	
		MINIMUM	TARGET

<p>2. Manage drawdown/distribution capability program. (Continued)</p>	<p>f. Timely submission of Tabletop Exercise reports.</p> <p>g. Timely submission of oil movement STE reports.</p> <p>h. Distribution of quarterly drawdown assessment documents (Recaps, Configuration Charts, etc.)</p> <p>i. Drawdown Readiness Assurance Program</p> <p>(1) Design and develop the Drawdown Exercise Eagle I for all 17 blocks of drawdown in accordance with program milestones.</p> <p>(2) Produce a comprehensive list of drawdown reports and accomplish preparation of a prototype report format for standardization in accordance with program milestones.</p> <p><u>(3) Complete update to existing Drawdown Management Plan, to reflect findings during flowcharting exercises.</u></p> <p>j. Finalization of improved GRIDS II readiness performance measures.</p>	<p>f. Within 45 days of exercise briefing</p> <p>g. Within 60 days of exercise completion</p> <p>h. Within 30 calendar days after quarter end</p> <p>i. (1) Within 30 days of scheduled milestone</p> <p>i. (2) Within 30 days of scheduled milestone</p> <p><u>i. (3) By September 30, 1999</u></p> <p>j. By December 31, 1998</p>	<p>f. Within 30 days of exercise briefing</p> <p>g. Within 45 days of exercise completion</p> <p>h. Within 20 calendar days after quarter end</p> <p>i. (1) By scheduled milestone</p> <p>i. (2) By scheduled milestone</p> <p><u>i. (3) By July 31, 1999</u></p> <p>j. By November 15, 1998</p>
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PERFORMANCE AREA: Section A – Operations

FISCAL YEAR: 1999

CRITERIA	PERFORMANCE MEASURE	FY 1999 OUTPUT	
		MINIMUM	TARGET
3. Manage Vapor Pressure Mitigation Program.	<ul style="list-style-type: none"> a. Submission of Annual Vapor Pressure Report. b. Submission of report projecting financial and operational impacts of future vapor pressure mitigation actions. 	<ul style="list-style-type: none"> a. By December 1, 1998 b. By January 1, 1999 	<ul style="list-style-type: none"> a. By November 1, 1998 b. By November 15, 1998
4. Manage Recovery Program.	<ul style="list-style-type: none"> a. Complete planning for Recovery System Test at Bayou Choctaw. b. Complete Recovery System equipment operator training. c. Completion of Bayou Choctaw Recovery System Field Test. d. Percent of publications (Operations Manuals, Systems Description Manuals, etc.) updated to reflect changes in the Recovery Program caused by LEP construction. 	<ul style="list-style-type: none"> a. By July 15, 1999 b. By June 15, 1999 c. By September 15, 1999 d. 100 percent within 30 days of schedule 	<ul style="list-style-type: none"> a. By June 15, 1999 b. By May 15, 1999 c. By September 1, 1999 d. 100 percent on schedule
5. Coordinate Management Information Systems applications.	Percent of approved milestones for implementation of computerized operations, drawdown, and crude oil accountability model updates, per approved milestones.	≥ 90 percent	100 percent

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6. Management of utilities.	a. Review Energy Management Plan for currency and conformance with applicable DOE Directives and revise as necessary, based on applicable milestones.	a. By milestone date	a. At least 30 days prior to milestone date
	b. Control electric and gas loads to minimize utility costs, and/or reduce consumption through efficiency improvements, including utility Demand Side Management Programs. (FY 1999 power usage supporting unplanned operations will be factored out of evaluation.)	b. $\frac{2FY97 - (FY98+FY99)}{FY97}$ = 0.10	b. $\frac{2FY97 - (FY98+FY99)}{FY97}$ >0.10
	c. SPRPMO demonstrates annual progress of at least 15 percent toward completing, by March 8, 2004, Facility Audits of all facilities and buildings. Finalize plans for complete audit commencing in FY 1999 and initiate audit activities (based on applicable milestone dates).	c. By milestone date	c. Earlier than 30 days before milestone
	d. (1) Purchase energy efficient products. (2) Institute a data collection program to monitor procurement performance (based on applicable milestone dates).	d. (1) > 80 percent (2) By milestone date	d. (1) 100 percent (2) At least 30 days prior to milestone date

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6. Management of utilities. (Continued)	e. Establish a process to minimize energy costs of vacated or surplus facilities waiting decommissioning and decontamination (D&D), while maintaining worker safety. Review established decommissioning plans; revise as necessary (based on applicable milestone dates).	e. By milestone date	e. At least 30 days prior to milestone date
	f. Perform annual self-assessment and submit self-assessment report to SPRPMO concerning progress in completing Energy Management initiatives (based on applicable milestone dates).	f. By milestone date	f. At least 30 days prior to milestone date
7. Submit National Pollutant Discharge Elimination System Discharge Monitoring Reports (DMRs) in a timely fashion.	a. Submit monthly DMRs to the Senior Site Representative and appropriate State agency.	a. Within 10 calendar days of the end of the month being reported	a. Within 5 calendar days of the end of the month being reported
	b. Submit quarterly DMRs to the SSR and appropriate State agency.	b. Within 20 calendar days of the end of the quarter being reported	b. Within 15 calendar days of the end of the quarter being reported

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8. Assure the quality of the crude oil is maintained in accordance with the SPR Crude Oil Quality Assurance Policy, SPR 5030.1A, dated April 5, 1985, and revised April 18, 1985.	<p>a. Number of caverns tested per Level 3 milestones for cavern sampling. Samples may not be collected timely because of weather or sample tool malfunctions.</p> <p>b. Samples collected during receipt, handling, transport, storage, month-end, and custody transfer.</p>	<p>a. Four caverns providing the “get-well sampling program” is completed by September 30, 1998 (annually)</p> <p>b. 95 percent</p>	<p>a. Four caverns providing the “get-well sampling program” is completed by September 30, 1998 (annually)</p> <p>b. 100 percent</p>
9. Assure that the crude oil analysis is conducted in accordance with the SPRPMO Crude Oil Quality Program and Test Criteria Order, SPRPMO O 413.1A, August 1998.	Crude oil tests are conducted timely in accordance with SPR procedures and test methods.	95 percent	100 percent
10. Ensure the capability of measuring the quantity of crude oil received, maintained in storage, and distributed during a drawdown.	Operational variances on crude oil movements will be monitored and investigated if it exceeds 0.4 percent or other established contractual agreement criteria.	Less than or equal to 0.4 percent	Less than or equal to 0.4 percent
11. Provide Extreme Accuracy Temperature Data from Big Hill caverns for use in Sandia gas regain model.	Receipt of satisfactory cavern temperature data per technical specification and according to timing guidance from Vapor Pressure Task Group.	100 percent of data received within 30 days of milestones	100 percent of data received within 15 days of milestones

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PERFORMANCE AREA: Section B - Cavern Integrity and Workover

FISCAL YEAR: 1999

CRITERIA	PERFORMANCE MEASURE	FY 1999 OUTPUT	
		MINIMUM	TARGET
1. Maintain cavern wells to assure drawdown readiness and adherence to design criteria.	<ul style="list-style-type: none"> a. Percent of Level 3 milestones completed associated with workover program. b. Percent of Level 1 and 2 milestones completed associated with workover program. 	<ul style="list-style-type: none"> a. 95 percent b. 100 percent 	<ul style="list-style-type: none"> a. 100 percent b. 100 percent
2. Assure cavern oil storage integrity by periodic testing.	<ul style="list-style-type: none"> a. Percent of Level 3 milestones completed associated with performance, accurate, and timely reporting of cavern integrity tests. b. Percent of Level 1 and 2 milestones completed associated with Cavern Integrity Tests. 	<ul style="list-style-type: none"> a. 95 percent b. 100 percent 	<ul style="list-style-type: none"> a. 100 percent b. 100 percent
3. Complete Scope of Work (SOW) for major workover rig maintenance scheduled for FY 2000.	Completion of Level 3 milestone for preparation of SOW.	Complete by 09/15/99	Complete by 08/01/99
4. Provide timely and updated reporting of cavern capacity, inventory, ullage, and cavern volumes.	Completion of SPR Cavern Capacity Inventory, Ullage, and Cavern Volume Report.	15 working days following end of month being reported	10 working days following end of month being reported

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FISCAL YEAR: 1999

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5. Assure compliance with relevant reporting requirements of the States of Louisiana and Texas in the conduct of the Cavern Integrity Program.	Timely submission of Annual Injection, Semiannual Safety Inspection, and Well History and Work Resume Reports to the Louisiana Department of Natural Resources, Injection and Mining Division, as required by State-wide Order 29M and 29B, and the Railroad Commission of Texas as required by Texas Rule 95.	100 percent	100 percent
6. Monitor and analyze Storage Cavern and Well Data, and Disposal Well Data.	Complete and comprehensive Cavern Integrity and Brine Disposal Well Reports.	Within 45 calendar days of the end of the quarter	Within 30 calendar days of the end of the quarter
7. Monitor Site Subsidence Rates.	Percent of Level 3 and higher milestones completed for subsidence monitoring.	100 percent	100 percent
8. Maintain the oil storage caverns within the approved operating range depending upon operational mode or unless otherwise approved.	<p>a. After completion of a fluid movement, pressurize the affected cavern(s) to the bottom of the operating range unless otherwise approved.</p> <p>b. After completion of a workover, pressurize the cavern to the bottom of the operating range.</p>	<p>a. Within 10 working days of completion of the fluid movement</p> <p>b. Within 10 working days of completion of the workover</p>	<p>a. Within 5 working days of completion of the fluid movement</p> <p>b. Within 5 working days of completion of the workover</p>

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CRITERIA	PERFORMANCE MEASURE	FY 1999 OUTPUT	
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8. Maintain the oil storage caverns within the approved operating range. (Continued)	c. After completion of a Cavern Integrity Test, depressurize the cavern to the bottom of the operating range unless otherwise approved.	c. Within 10 working days of completion of the integrity test	c. Within 5 working days of completion of the integrity test
	d. Decrease cavern pressure to lower end of approved operating range.	d. When the cavern pressure reaches the top of the operating range	d. When the cavern is within 5 psi of the top of the operating range
9. Submit required workover reports in a timely fashion.	a. Submit the workover completion report to the SSR and SPRPMO.	a. Within 30 calendar days of completion of the workover	a. Within 20 calendar days of completion of the workover
	b. Submit the casing inspection report to the SSR and SPRPMO.	b. Within 3 working days of removal of the casing from the well	b. Within 2 working days of removal of the casing from the well
	c. Submit casing pictures to the SSR and SPRPMO.	c. Within 3 working days of removal of the casing from the well	c. Within 2 working days of removal of the casing from the well
	d. Submit damaged casing pictures to the SSR and SPRPMO.	d. Within 3 working days of removal of the casing from the well	d. Within 2 working days of removal of the casing from the well

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10. Assure the oil storage caverns are not filled above the statutory maximum capacity.	Maintain the oil storage caverns below the statutory maximum capacity.	Relocate oil from the overfilled caverns by January 30, 2000	Relocate oil from the overfilled caverns by September 30, 1999
11. Monitor cavern performance/integrity on continuous basis utilizing CAVEMAN cavern surveillance program.	Percent of Level 3 milestones associated with use and evaluation of CAVEMAN surveillance program.	Complete 90 percent of Level 3 milestones on schedule	Complete 100 percent of Level 3 milestones on schedule
12. Develop and implement program to remedy cemented casing pressure communication.	Percent of Level 3 milestones associated with development, implementation, and evaluation of sealant technique(s).	Complete 90 percent of Level 3 milestones on schedule	Complete 100 percent of Level 3 milestones on schedule