STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

APPLICATION OF SPUR ENERGY PARTNERS LLC FOR APPROVAL OF A PRESSURE MAINTENANCE PROJECT, EDDY COUNTY, NEW MEXICO.

CASE NO. 24042

NOTICE OF SUPPLEMENTAL EXHIBIT

Spur Energy Partners LLC ("Spur") (OGRID No. 328947), the applicant in the above-referenced case, submits this notice of filing of supplemental exhibit Spur Exhibit H.

At the hearing in this matter the Division Technical Examiners asked Spur to submit a proposed plan for monitoring the response to pressure maintenance injection within the project area. Submitted herewith is Spur Exhibit H, which is the requested monitoring plan prepared by Spur's engineering witness George Waters.

Spur respectfully requests that the attached supplemental exhibit be accepted for filing and made part of the record of this case.

Respectfully submitted,

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By:_____

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ATTORNEYS FOR SPUR ENERGY PARTNERS LLC

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BKU 566 PRESSURE MAINTENANCE PROJECT - PROPOSED MONITORING PROGRAM

Five-Well Program

Below is the proposed monitoring program for the five project wells within 1,000 feet in distance of the proposed injector (**Table 2**). This data will be gathered once every six months for each well.

- Well Test – one every six months
- Fluid Level – one every six months
- Runtime – one every six months

29-Well Program

Below is the proposed monitoring program for the 29 project wells that exceed 1,000 feet in distance from the proposed injector (**Table 2**). This data will be gathered once annually for each well.

- Well Test – one every year
- Fluid Level – one every year
- Runtime – one every year

Battery Monitoring

Additionally, the production at the affected batteries (**Table 1**) is measured daily, and will be continuously monitored for trend changes. This data can be furnished at any time, or once annually.

Table 1. List of affected batteries.

Battery Name	Count of Wells in the Monitoring Program
BURCH KEELY UNIT 18A TB	13
BURCH KEELY UNIT 18B EAST TB	8
BURCH KEELY UNIT 13A NORTH TB	8
BURCH KEELY UNIT 13B SOUTH TB	3
MERAK 7 FEDERAL 8 TB	2

Specifics of some Key Performance Indicators

Well Test – The 24-hour Oil, Water, and Gas rates of a producing well, measured through a test separator. These tests should be a minimum of three days, or a maximum of five days, consecutively. The 24-hour rates are the averages over the time of the test (cumulative volume divided by total hours).

Fluid Level – The fluid level in the tubing-casing annulus, measured in feet from surface with an acoustic fluid level gun. If a fluid level is rising in a producing well, it indicates that the well is under-producing.

Runtime – The previous 60 day run data can be accessed from a well's Rod Pump Controller (Menu 3-1-3 in a Lufkin model). The average of the 60 days is the Average Runtime. If the average is increasing, it

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indicates that the well is getting more fluid inflow from the reservoir. If the well is ran on a Timer, the Timer will indicate the percent runtime.

Table 2. List of project wells in the proposed monitoring program.

Well Name	Well Number	API	Distance From BKU 566 (ft)	Facility Name	Every 6 Months	Every 12 Months
BURCH KEELY UNIT	411	30-015-36263	729	BURCH KEELY UNIT 18A TB	X	
BURCH KEELY UNIT	417	30-015-36181	869	BURCH KEELY UNIT 18A TB	X	
BURCH KEELY UNIT	557	30-015-39316	891	BURCH KEELY UNIT 18A TB	X	
BURCH KEELY UNIT	559	30-015-39317	931	BURCH KEELY UNIT 18A TB	X	
BURCH KEELY UNIT	552	30-015-39443	965	BURCH KEELY UNIT 18A TB	X	
BURCH KEELY UNIT	564	30-015-39869	1297	BURCH KEELY UNIT 18A TB		X
BURCH KEELY UNIT	550	30-015-39523	1320	BURCH KEELY UNIT 18A TB		X
BURCH KEELY UNIT	556	30-015-39907	1356	BURCH KEELY UNIT 18A TB		X
BURCH KEELY UNIT	549	30-015-39522	1471	BURCH KEELY UNIT 18A TB		X
BURCH KEELY UNIT	548	30-015-39442	1696	BURCH KEELY UNIT 18A TB		X
BURCH KEELY UNIT	561	30-015-39318	2005	BURCH KEELY UNIT 18A TB		X
BURCH KEELY UNIT	412	30-015-36182	2178	BURCH KEELY UNIT 18A TB		X
BURCH KEELY UNIT	565	30-015-39568	2553	BURCH KEELY UNIT 18A TB		X
BURCH KEELY UNIT	572	30-015-40268	1037	BURCH KEELY UNIT 18B EAST TB		X
BURCH KEELY UNIT	573	30-015-40269	1319	BURCH KEELY UNIT 18B EAST TB		X
BURCH KEELY UNIT	416	30-015-37128	1668	BURCH KEELY UNIT 18B EAST TB		X
BURCH KEELY UNIT	351	30-015-32785	1684	BURCH KEELY UNIT 18B EAST TB		X
BURCH KEELY UNIT	578	30-015-39539	1848	BURCH KEELY UNIT 18B EAST TB		X
BURCH KEELY UNIT	353	30-015-32787	2277	BURCH KEELY UNIT 18B EAST TB		X
BURCH KEELY UNIT	257	30-015-29035	2387	BURCH KEELY UNIT 18B EAST TB		X
BURCH KEELY UNIT	347	30-015-28090	2488	BURCH KEELY UNIT 18B EAST TB		X
BURCH KEELY UNIT	349	30-015-32783	1001	BURCH KEELY UNIT 13A NORTH TB		X
BURCH KEELY UNIT	313	30-015-31273	1735	BURCH KEELY UNIT 13A NORTH TB		X
BURCH KEELY UNIT	350	30-015-32784	1925	BURCH KEELY UNIT 13A NORTH TB		X
BURCH KEELY UNIT	420	30-015-36180	2008	BURCH KEELY UNIT 13A NORTH TB		X
BURCH KEELY UNIT	520	30-015-39315	2087	BURCH KEELY UNIT 13A NORTH TB		X
BURCH KEELY UNIT	346	30-015-32782	2312	BURCH KEELY UNIT 13A NORTH TB		X
BURCH KEELY UNIT	530	30-015-39519	2529	BURCH KEELY UNIT 13A NORTH TB		X
BURCH KEELY UNIT	524	30-015-39518	2625	BURCH KEELY UNIT 13A NORTH TB		X
BURCH KEELY UNIT	577	30-015-39524	1630	BURCH KEELY UNIT 13B SOUTH TB		X
BURCH KEELY UNIT	581	30-015-40271	2325	BURCH KEELY UNIT 13B SOUTH TB		X
BURCH KEELY UNIT	580	30-015-40270	2518	BURCH KEELY UNIT 13B SOUTH TB		X
MERAK 7 FEDERAL	7	30-015-40613	2208	MERAK 7 FEDERAL 8 TB		X
MERAK 7 FEDERAL	5	30-015-40611	2641	MERAK 7 FEDERAL 8 TB		X