

Richardson Operating Co.

F-RPC 21 #3

762' FSL & 660' FWL

Sec. 21, T. 29 N., R. 13 W.

San Juan County, New Mexico

Highway, Farmington, NM 87401. Phone number is (505) 325-4275. Surface use agreement is attached.

12. OTHER INFORMATION

The nearest hospital is a 10 minute drive away in southwest Farmington.

13. REPRESENTATION

Anyone having questions concerning the APD should call:

Brian Wood, Consultant

Permits West, Inc.

37 Verano Loop

Santa Fe, NM 87508

(505) 466-8120

FAX: (505) 466-9682

Cellular: (505) 699-2276

Field representative will be:

Jim Richardson

Richardson Operating Co.

3100 LaPlata Highway

Farmington, NM 87401

(505) 564-3100

FAX: (505) 564-3109

Richardson Operating Co. has the necessary consents from the proper lease owners to conduct lease operations in conjunction with this well. Bond coverage pursuant to 43 CFR 3104 for lease activities and operations is being provided by Richardson Operating Co.

I hereby certify that I, or persons under my direct supervision, have



5/24/01

Robert M. Wilkinson Gb NMOX

Well Name <u>JACO #60</u>				Day: <u>3</u>	<u>Mon.</u>	Work Date: <u>6-10-02</u>	
Code	Intangible Expense	Provider	Services	Hours	Rate	\$ w/o Tax	\$ w/6% Tax
03	Location Cost:						
05	Move In/Out:						
07	Rig Cost: (Rig only, charge pump if no cement plugs)			<u>9 1/2</u>	<u>185</u> \$174 /hr	<u>1752.50</u>	<u>1862.95</u>
	(Drig Package, no \$ for pump, include RU/RD time)				\$188/hr		
	Supervisor -				\$390/day		
	Pump Truck (first day \$244, then \$132.50 each day)						
	Stripping Rubbers - (1-1/4"&1-1/2", 2"-3/8"&2-7/8", \$73)						
10	Drilling Fluid: Air Package						
16	Water & KCl						
	Unit #155				\$50/hr		
17	Bits						
18	Cement: Pump Charge \$550/plug <u>583/plug</u> * <u>2</u>					<u>583.00</u>	<u>617.98</u>
	Cement - <u>400</u> sxs x \$10.50/ax <u>11.38/ax</u>					<u>546.84</u>	<u>579.01</u>
						<u>455.20</u>	<u>482.51</u>
25	Rentals: (DC's, bit sub, etc)						
26	Fishing Tool Rentals:						
28	Other Rentals: Water Tank # <u>405</u>				\$27 /day	<u>28.62</u>	
	Flow Back Tank				\$50 /day		
	Float # <u>102</u>				\$20/day	<u>21.21</u>	
29	Transportation:						
	A-Plus Rig Up Truck <u>hauled in tank #405 &</u>			<u>16</u>	\$74/hr	<u>78.44</u>	<u>125.04</u>
	Others: <u>tbgs & rods on float #102</u>						<u>1330.34</u>
34	Logging Services: (CR or CIBP) Size - Set @						
	Perforating: BI-Wire \$488, HSC \$550 <u>583</u> <u>125'</u>					<u>583.00</u>	<u>617.98</u>
	Other: (depth \$0.13/ft) minimum \$244						
	<u>D.H. MARKSA</u>					<u>127.20</u>	<u>134.83</u>
37	Swabbing						
45	Roustabout Labor						
49	Packer Rental: (Fullbore- 2-7/8" \$580, 4-1/2" \$960)						
	RBP, tbgs set \$950 and wireline set \$980/day or run						
	Casing Scraper \$275						
54	Disposal:						
60	Other						
Code	Tangible Expense	Provider	Item				
80	Casing:						
81	Tubing: Size	Length	EUE IJ NU				
84	Csg & Tbg Equipment:						
86	Wellhead Equipment:						
						Total Cost \$	<u>5046.59</u>
						New Cum. \$	<u>17796.23</u>
						Prior Cum \$	<u>12749.64</u>

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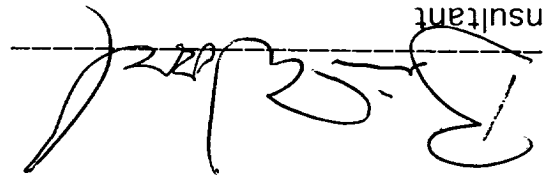
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inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by Richardson Operating Co. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U. S. C. 1001 for the filing of a false statement.



Consultant

April 15, 2002

Date